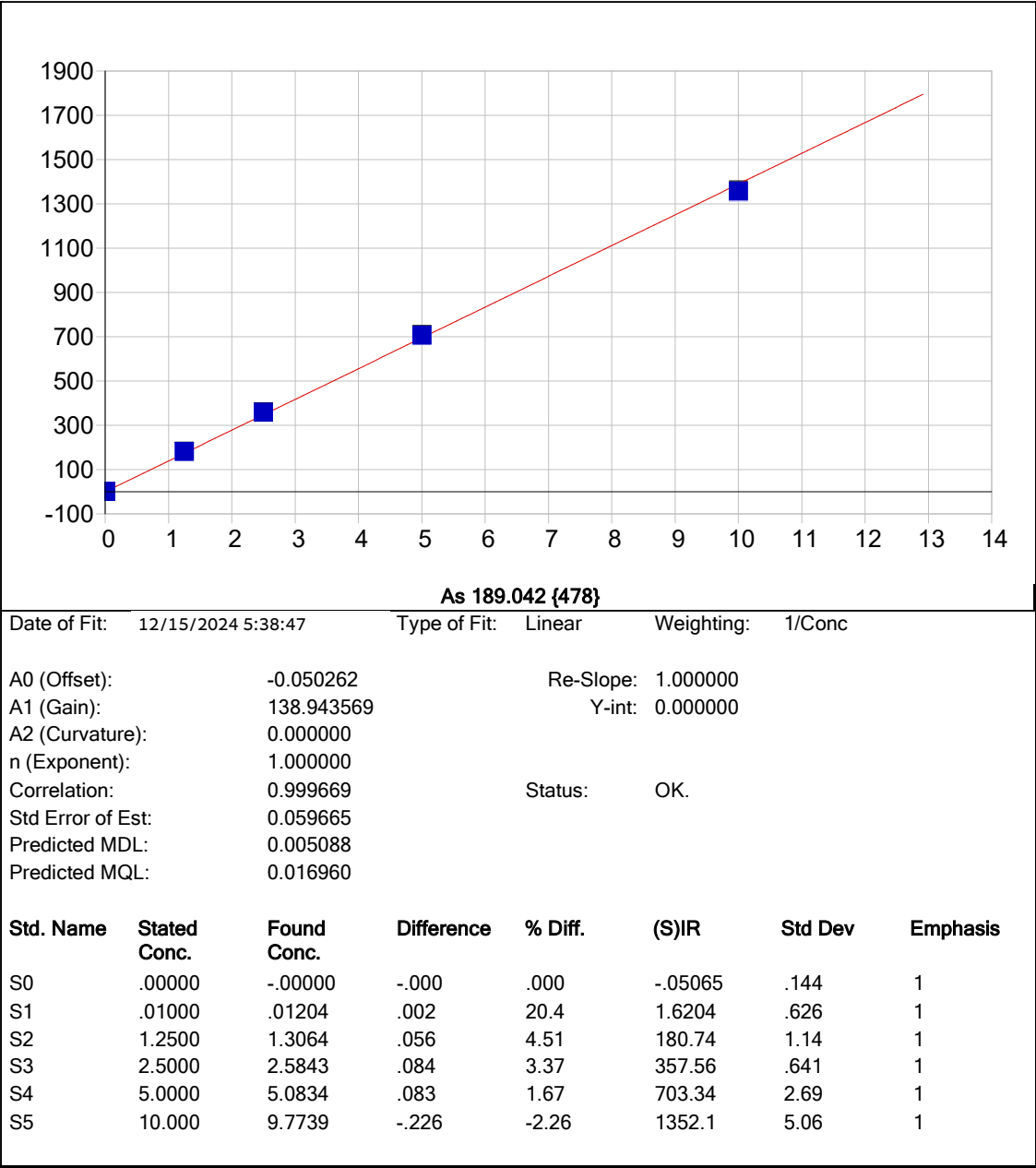
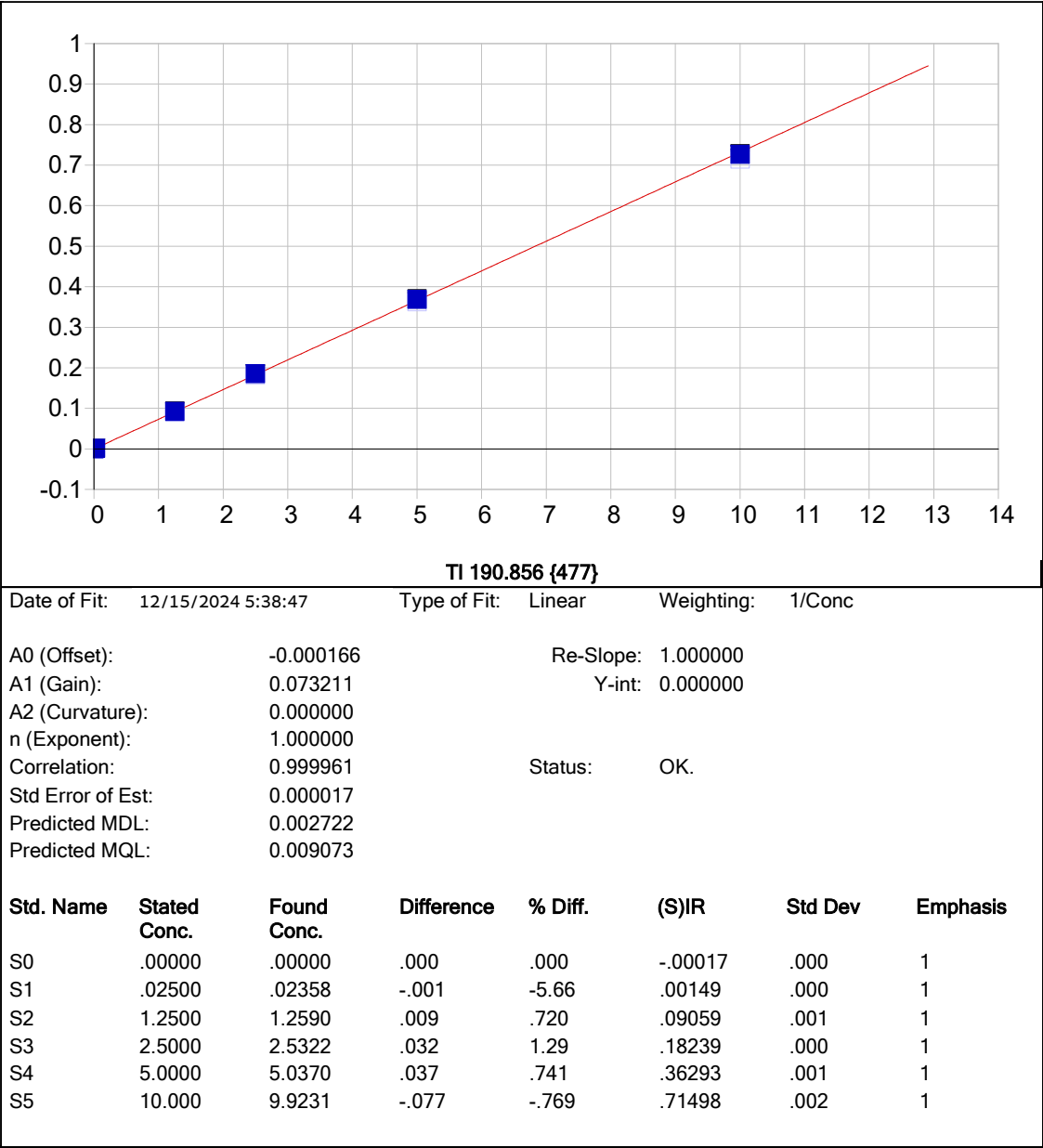
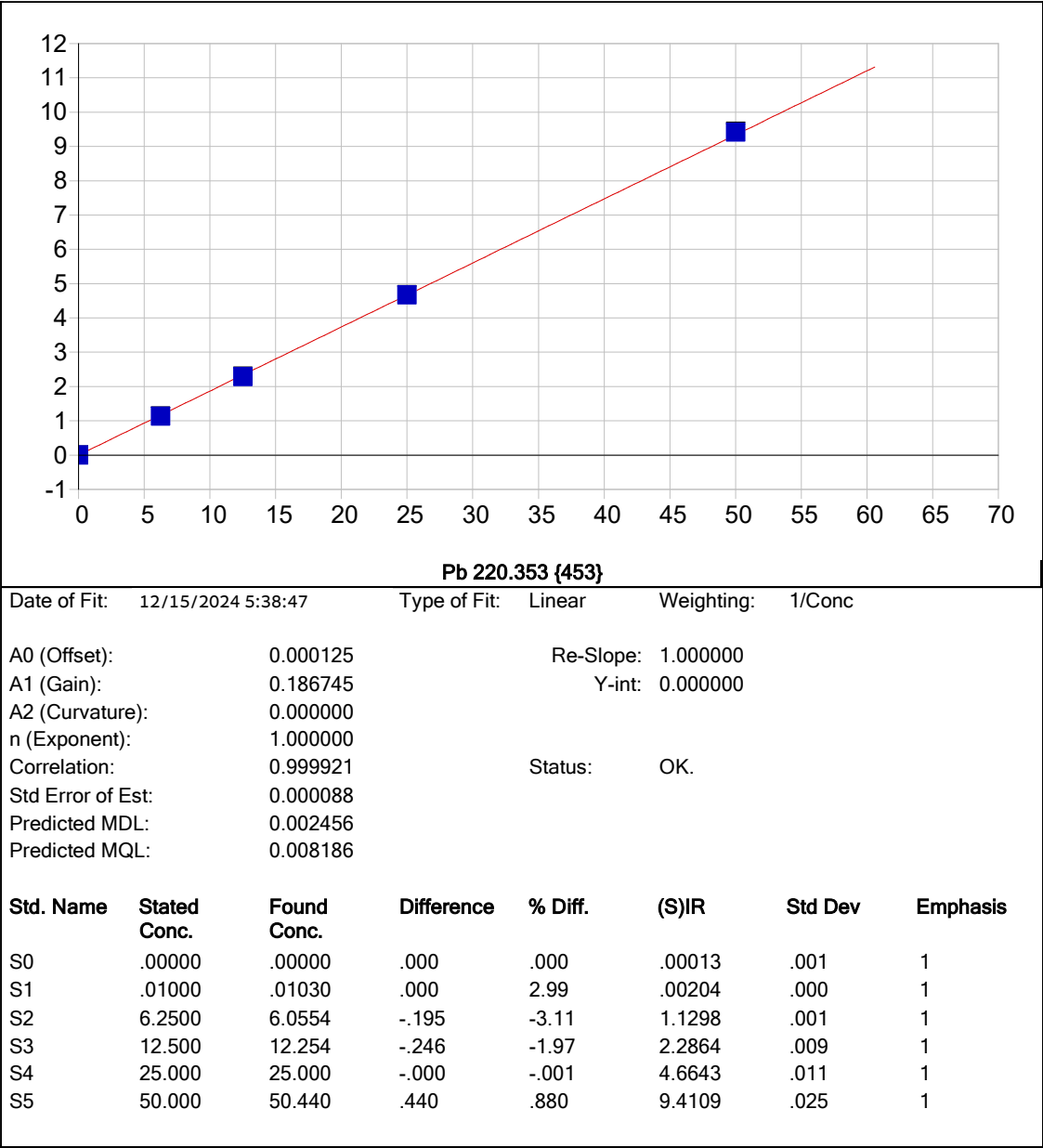
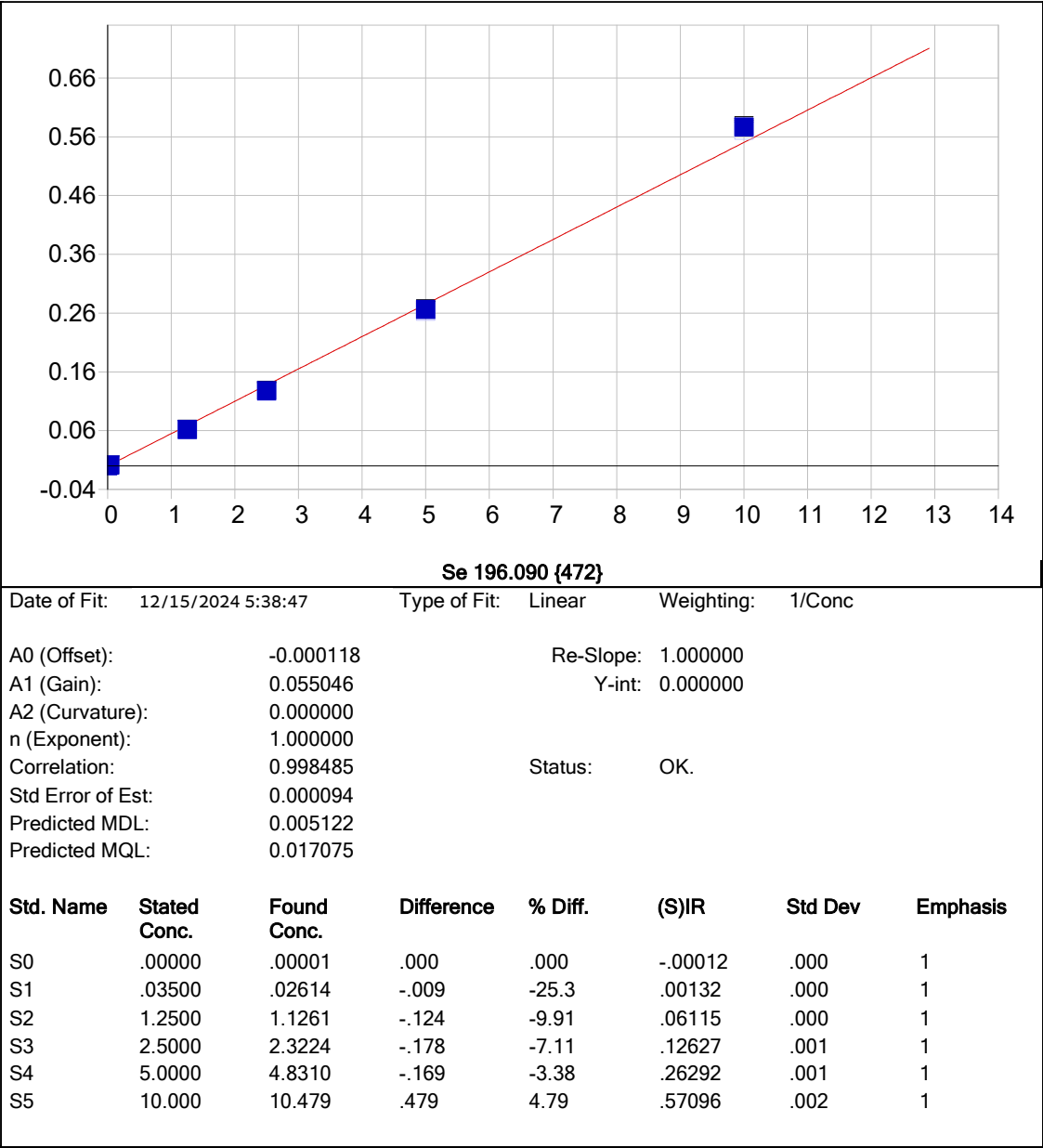


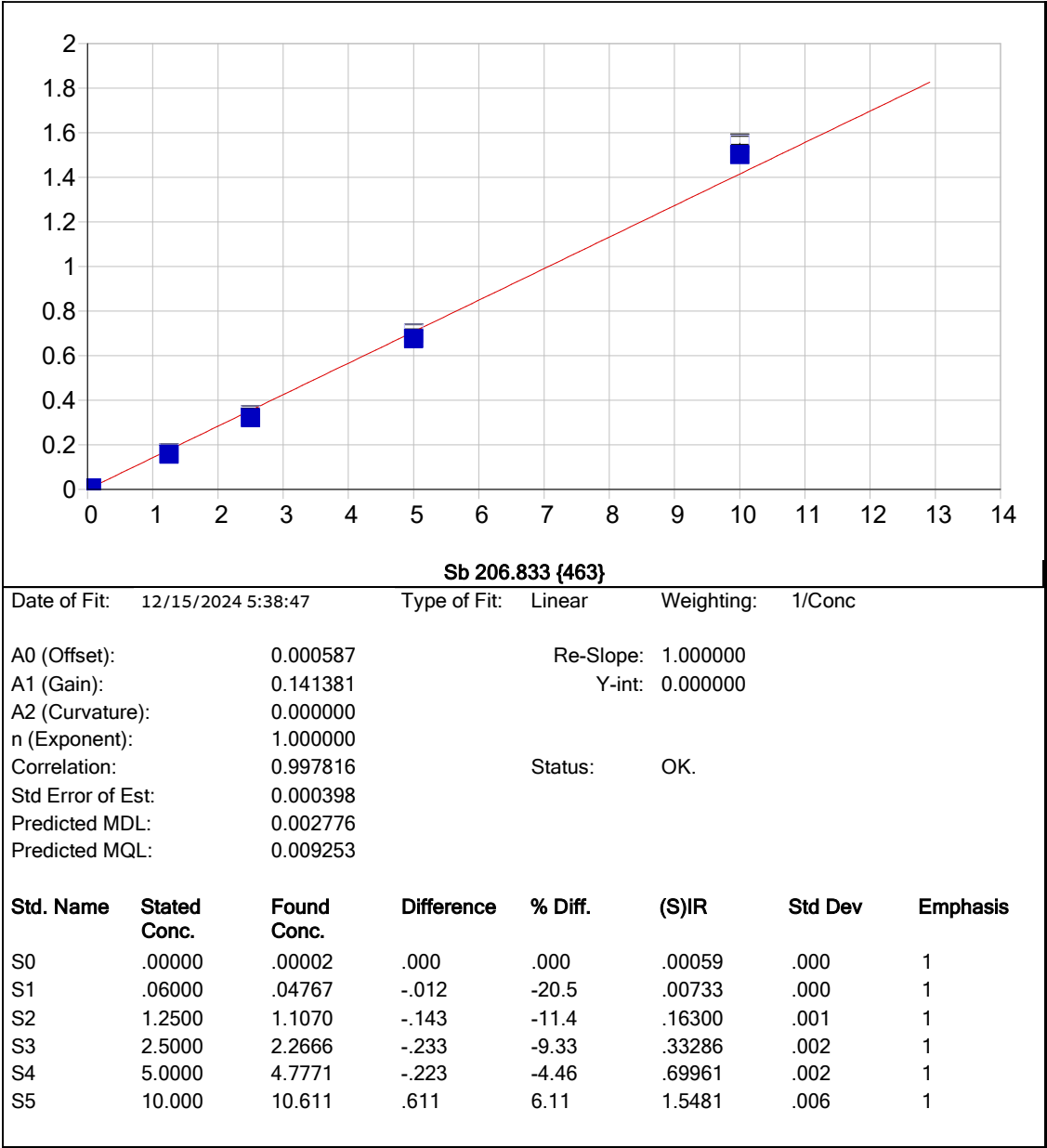


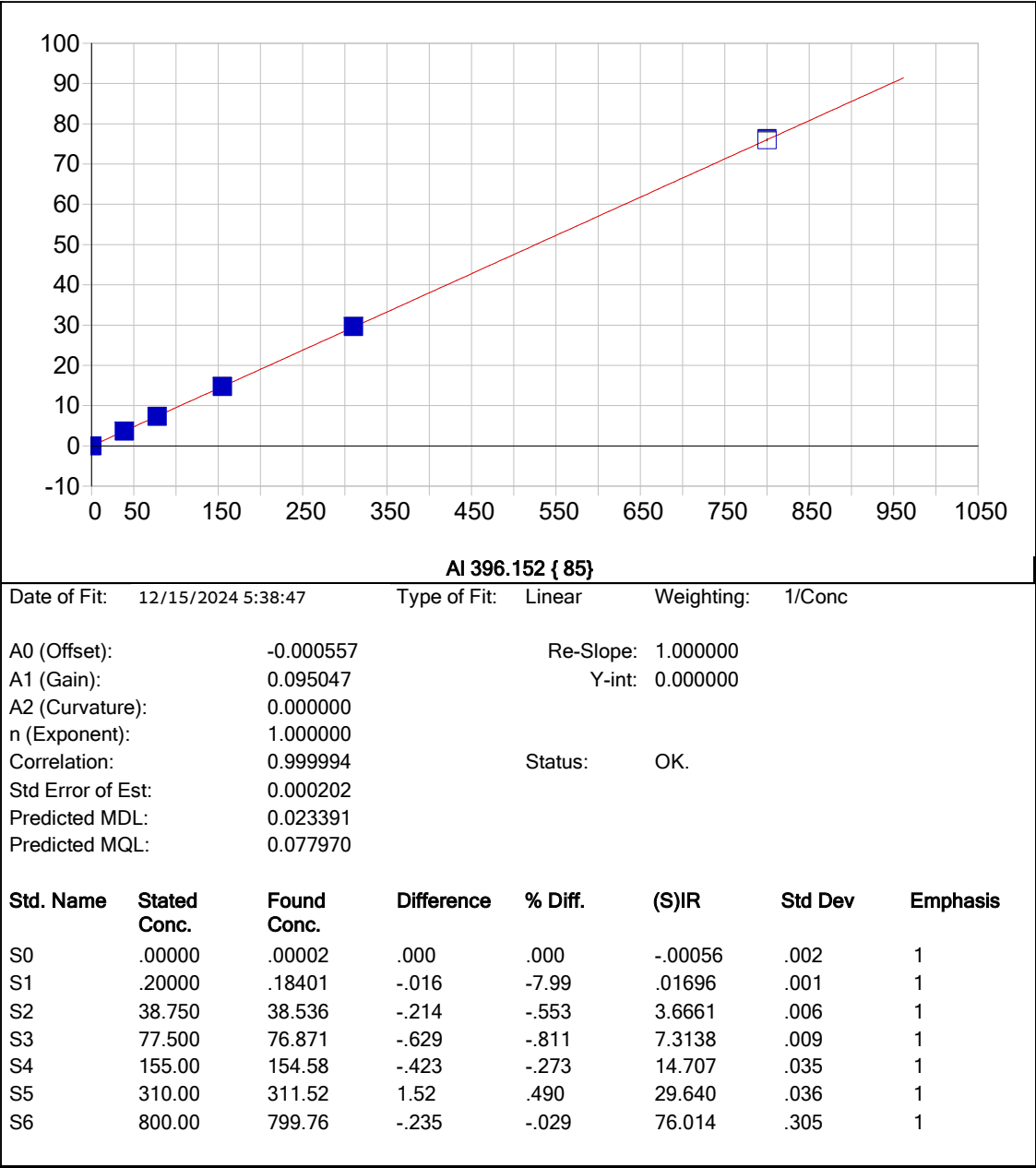


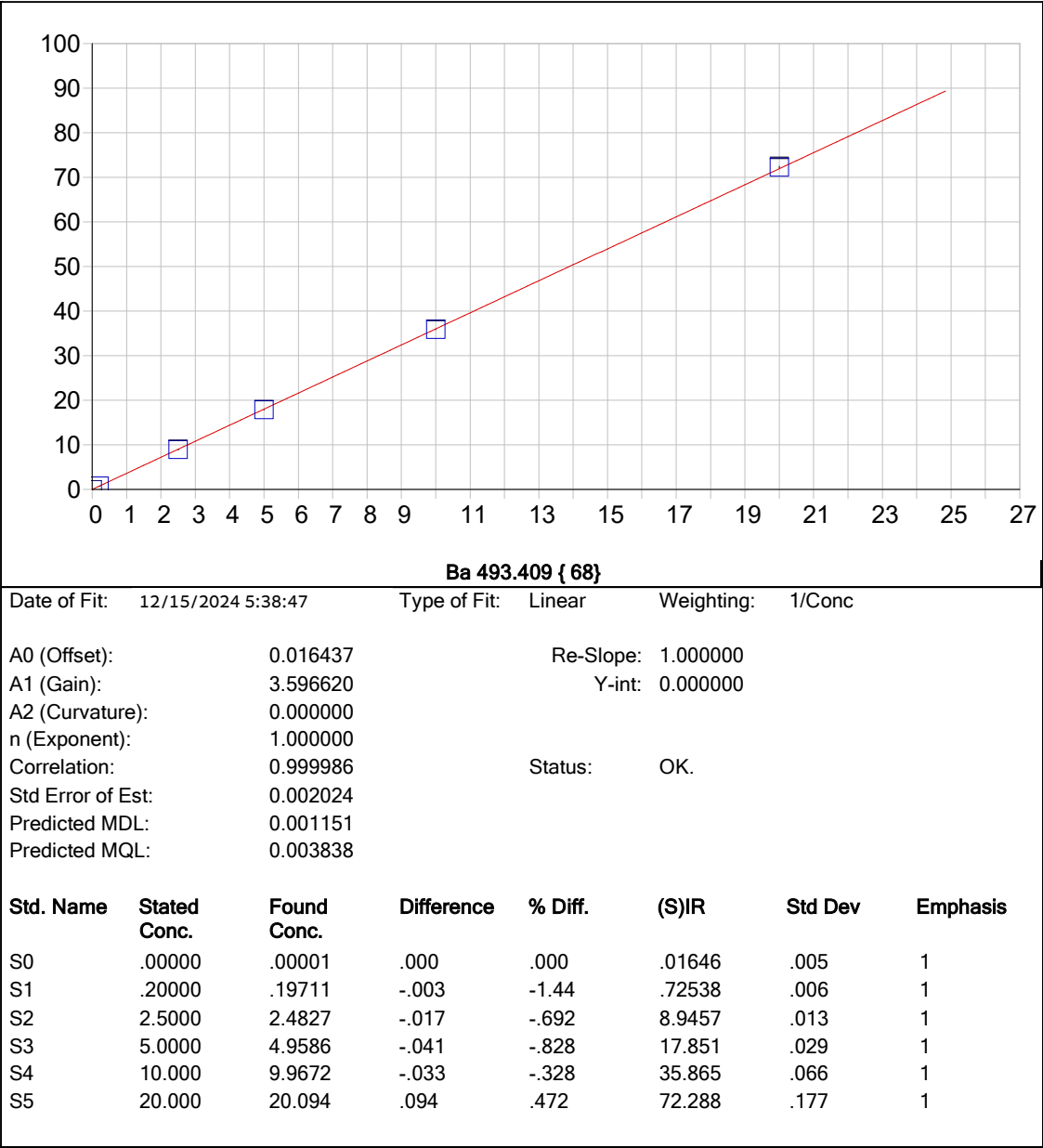


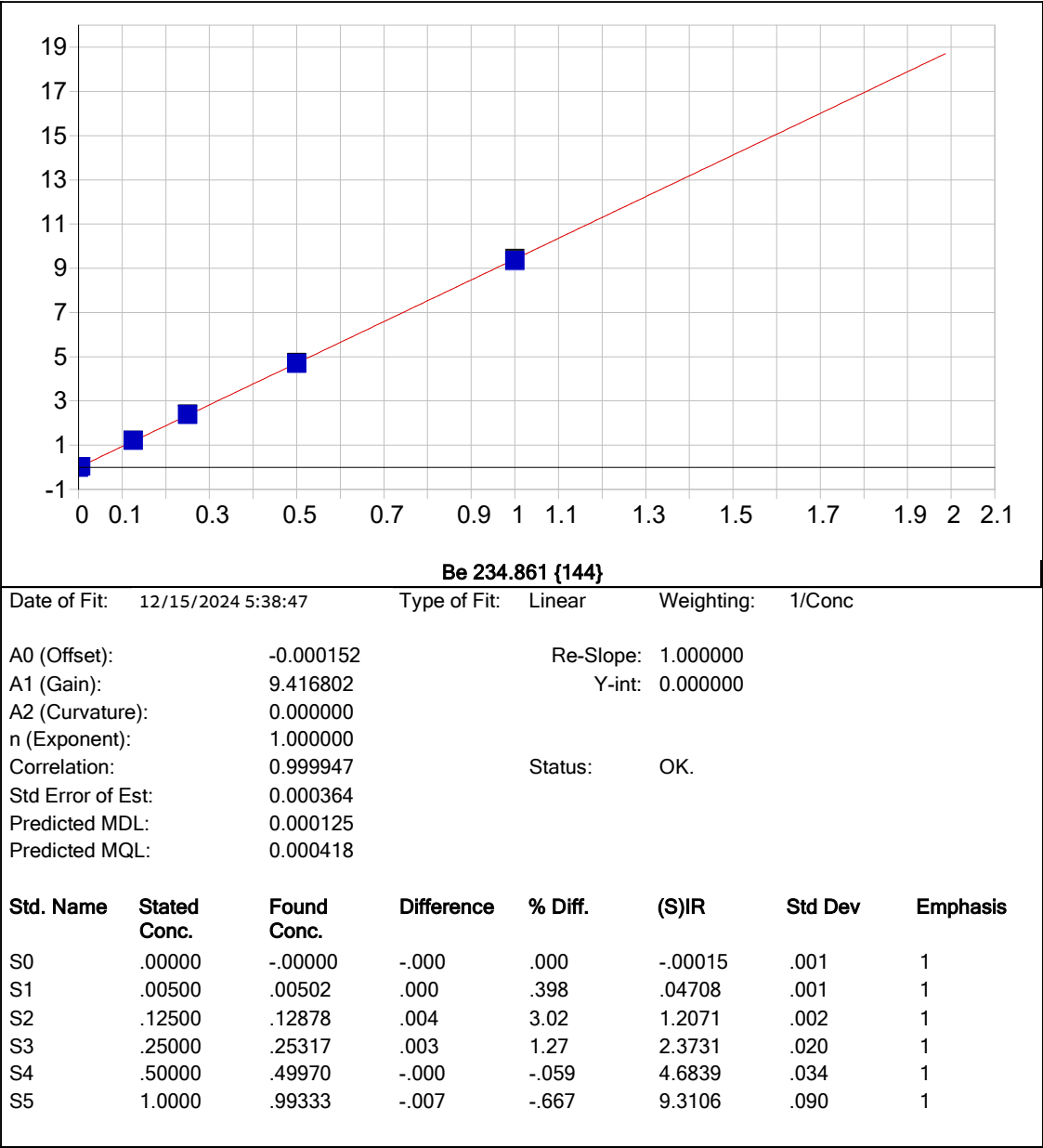


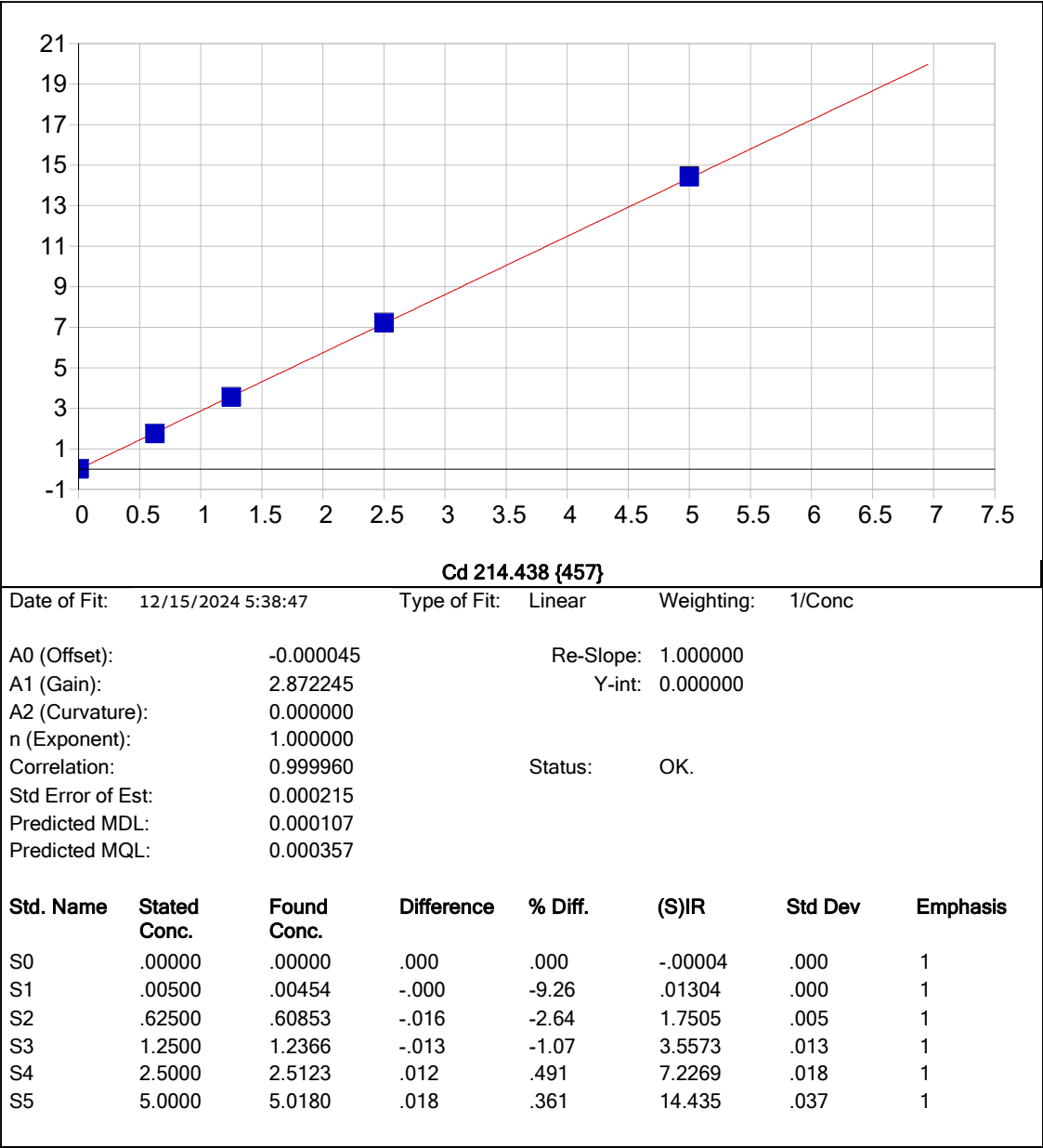


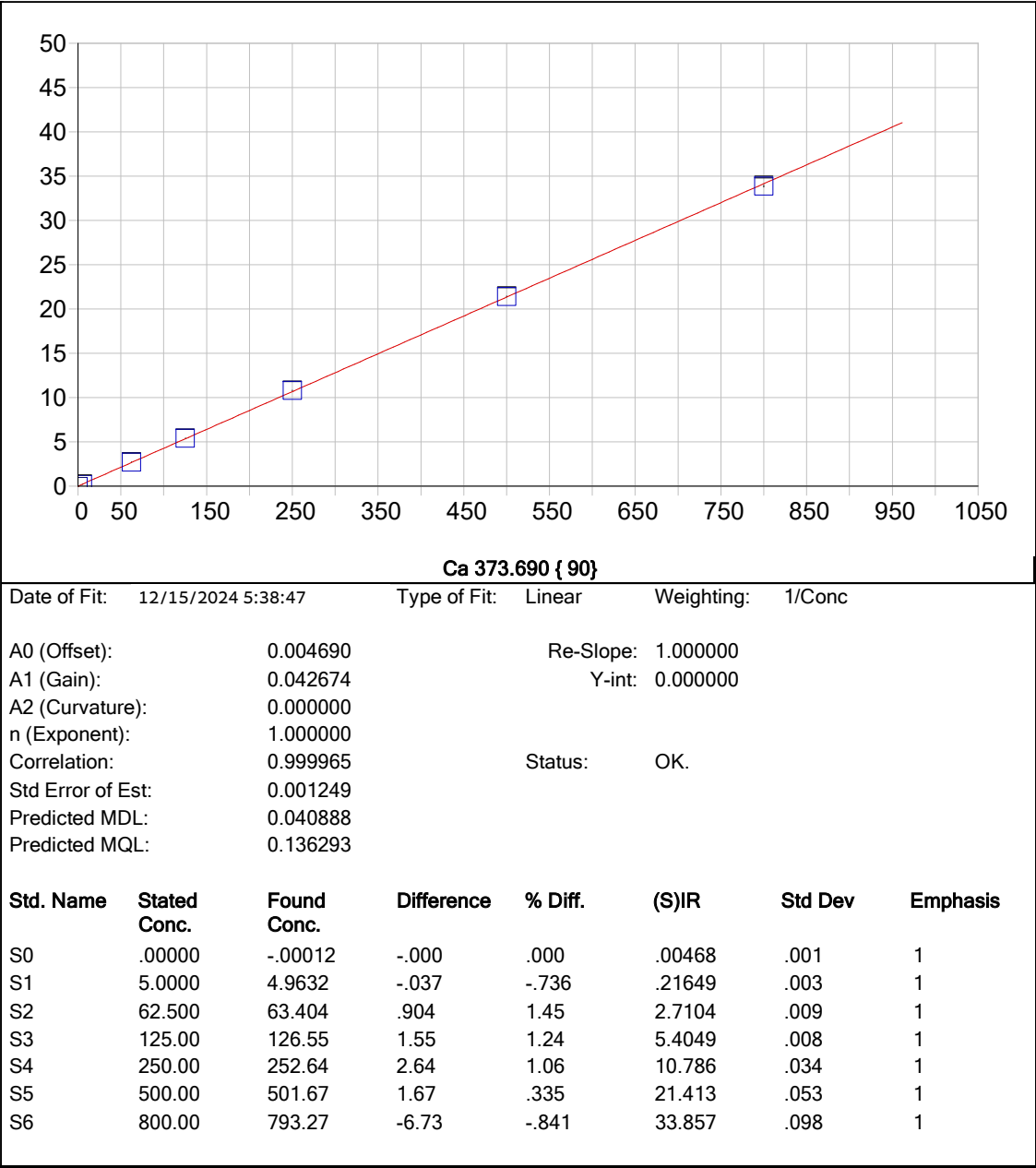




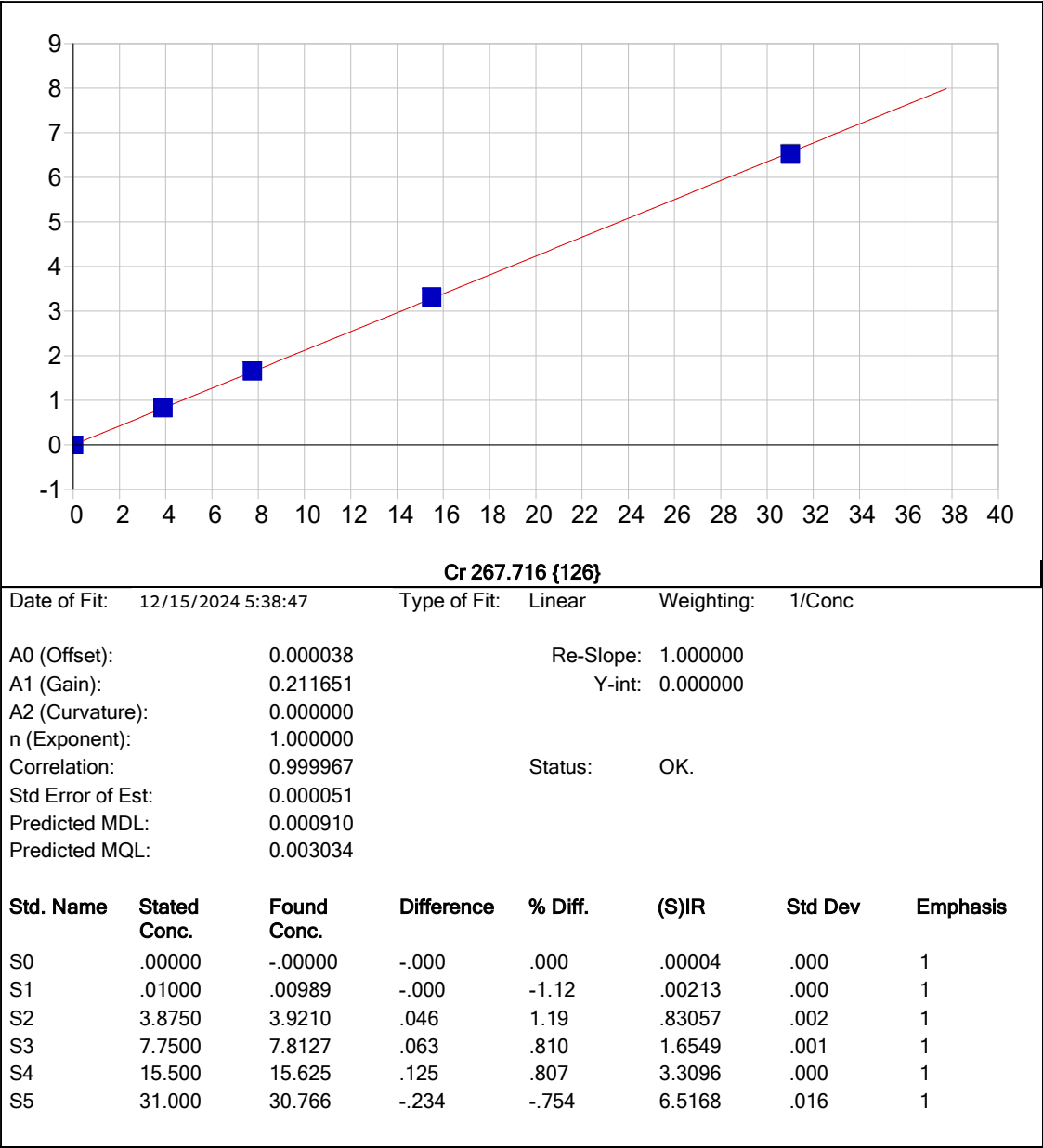


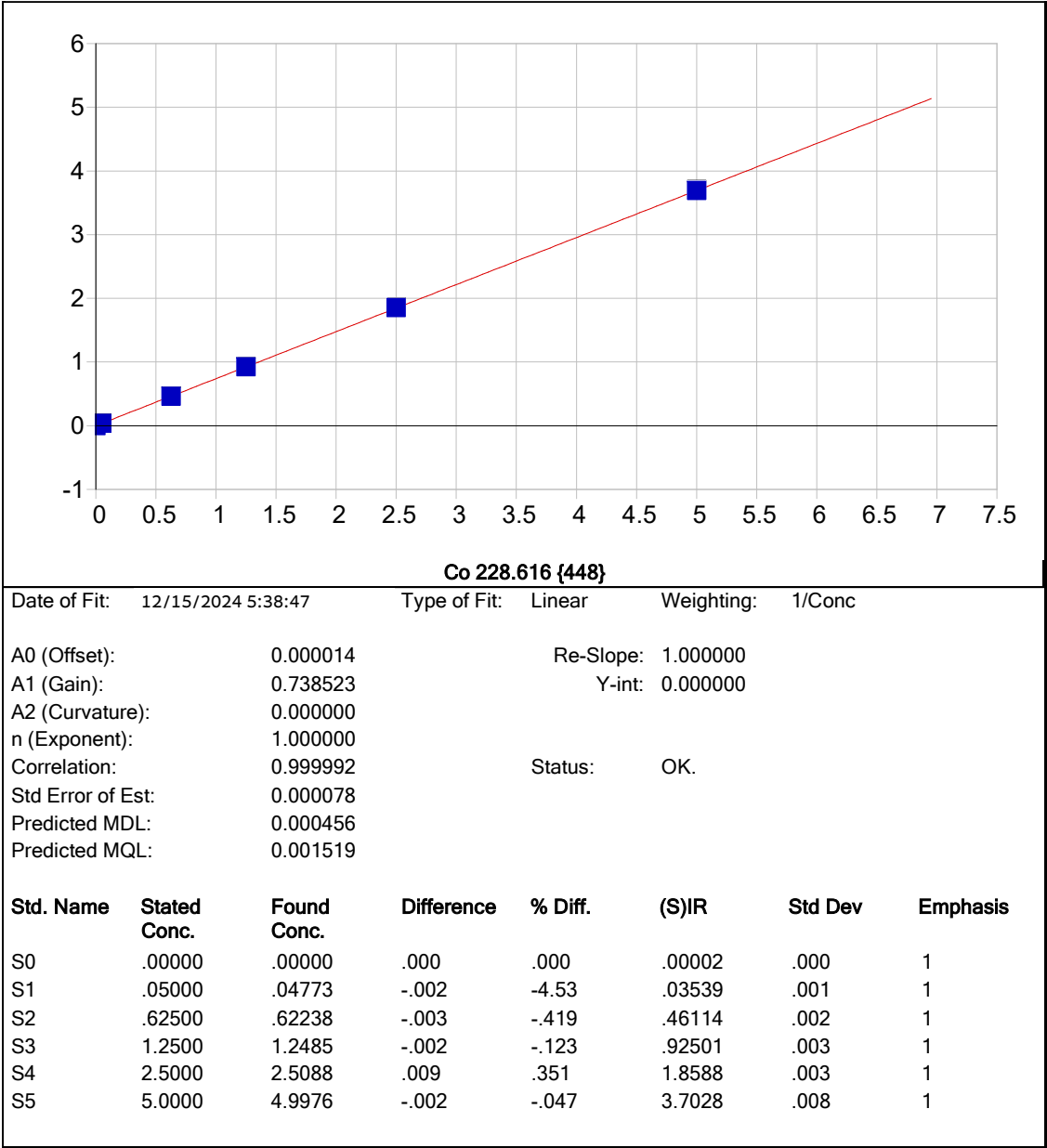


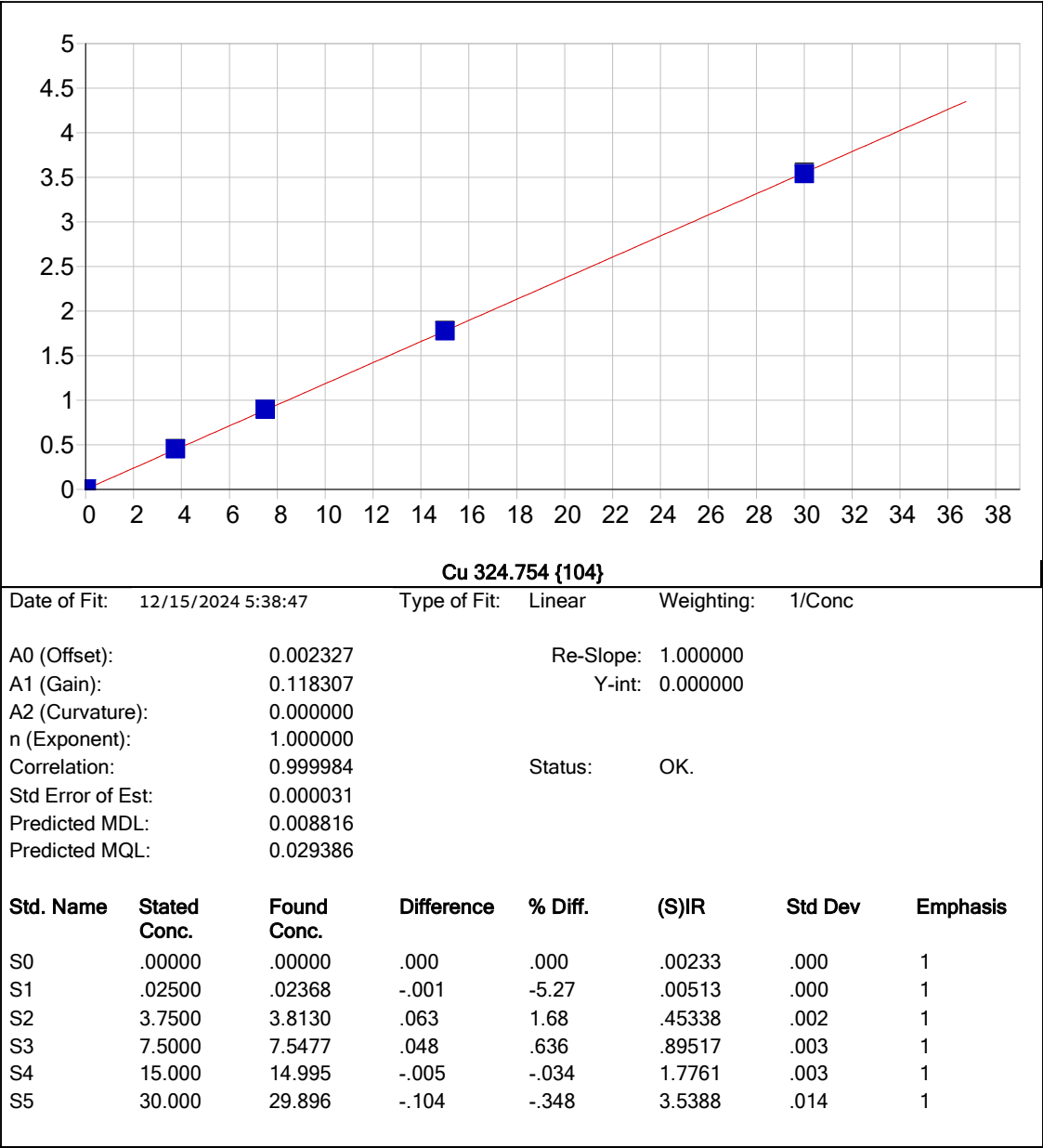


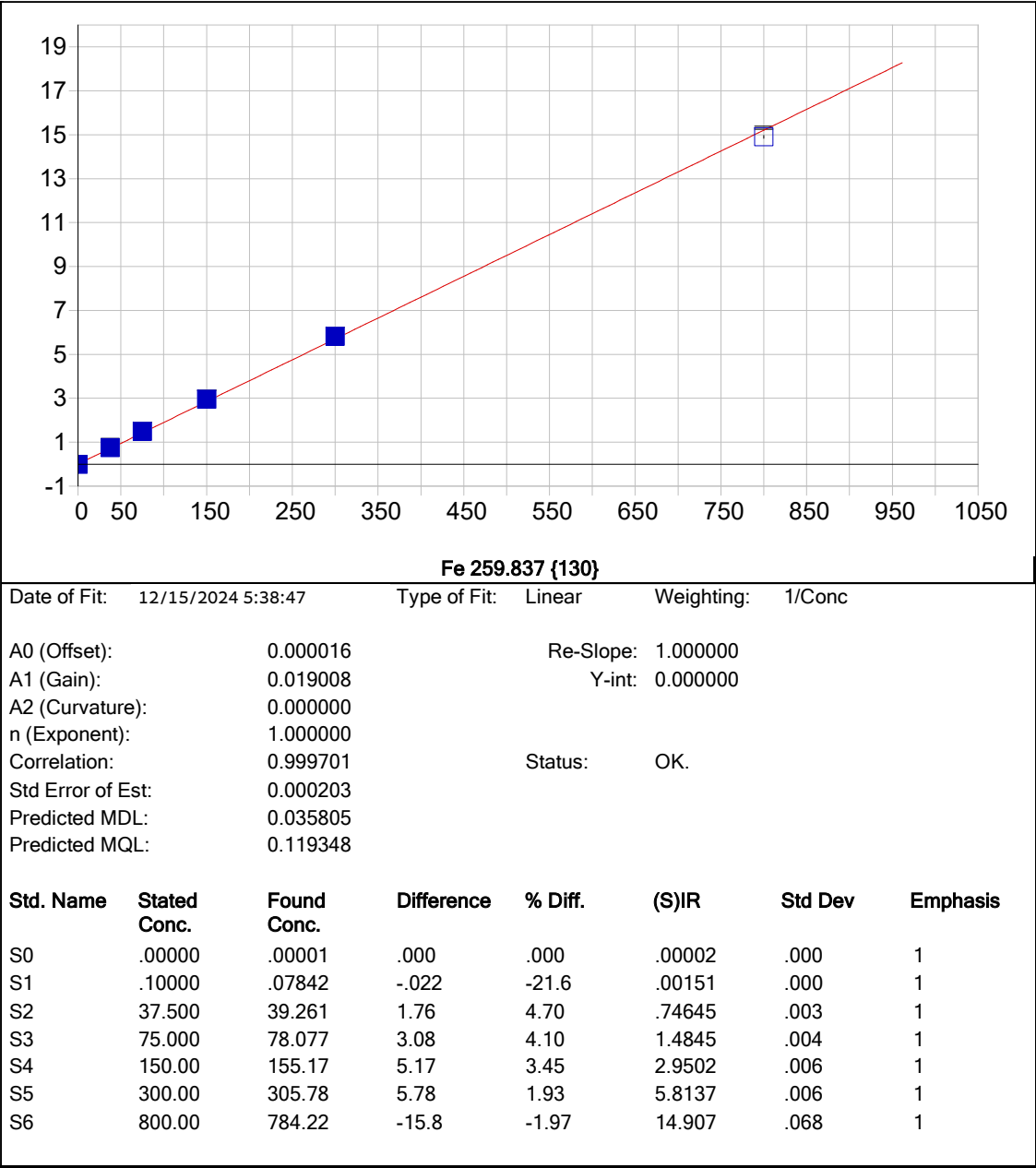


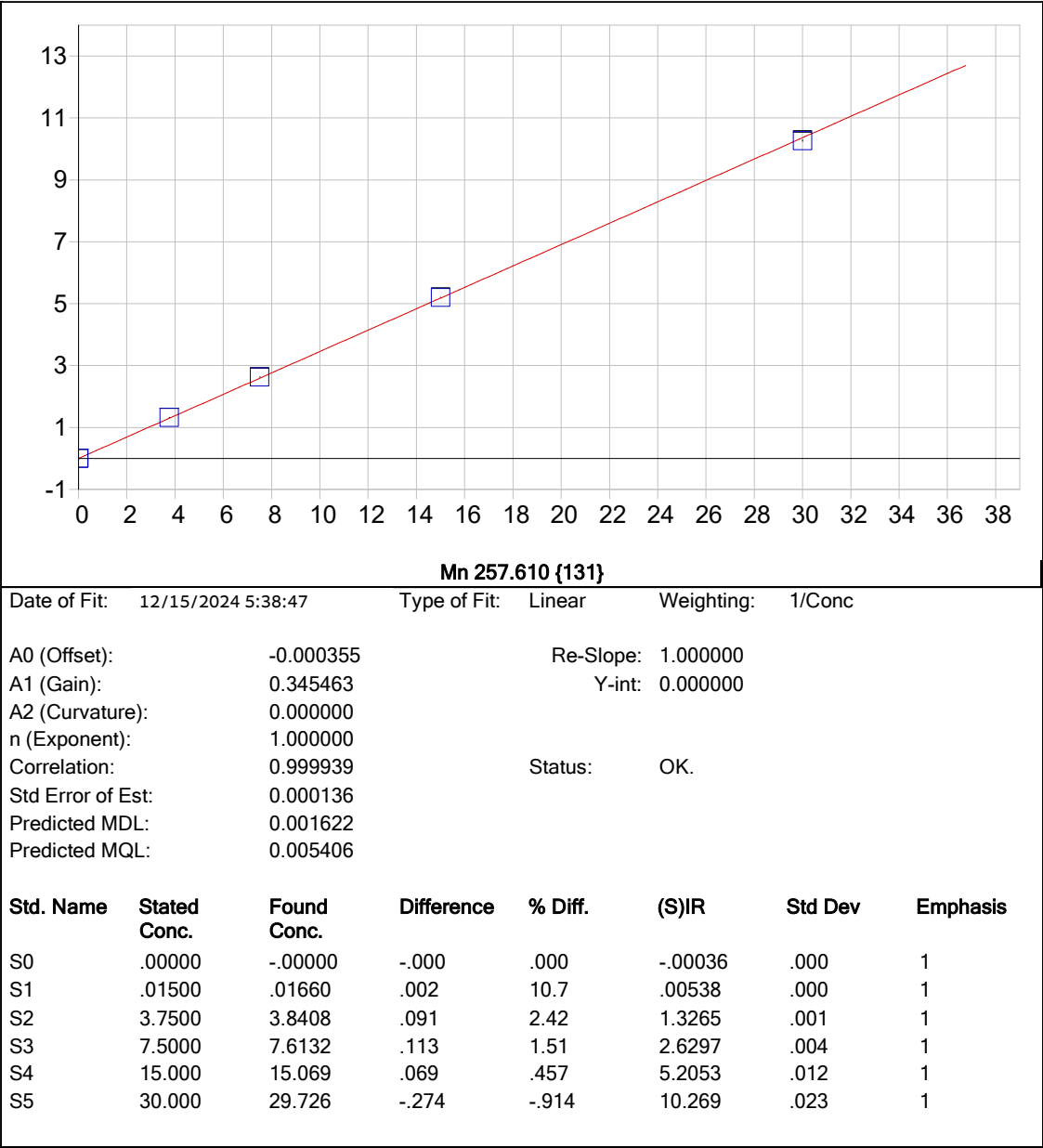


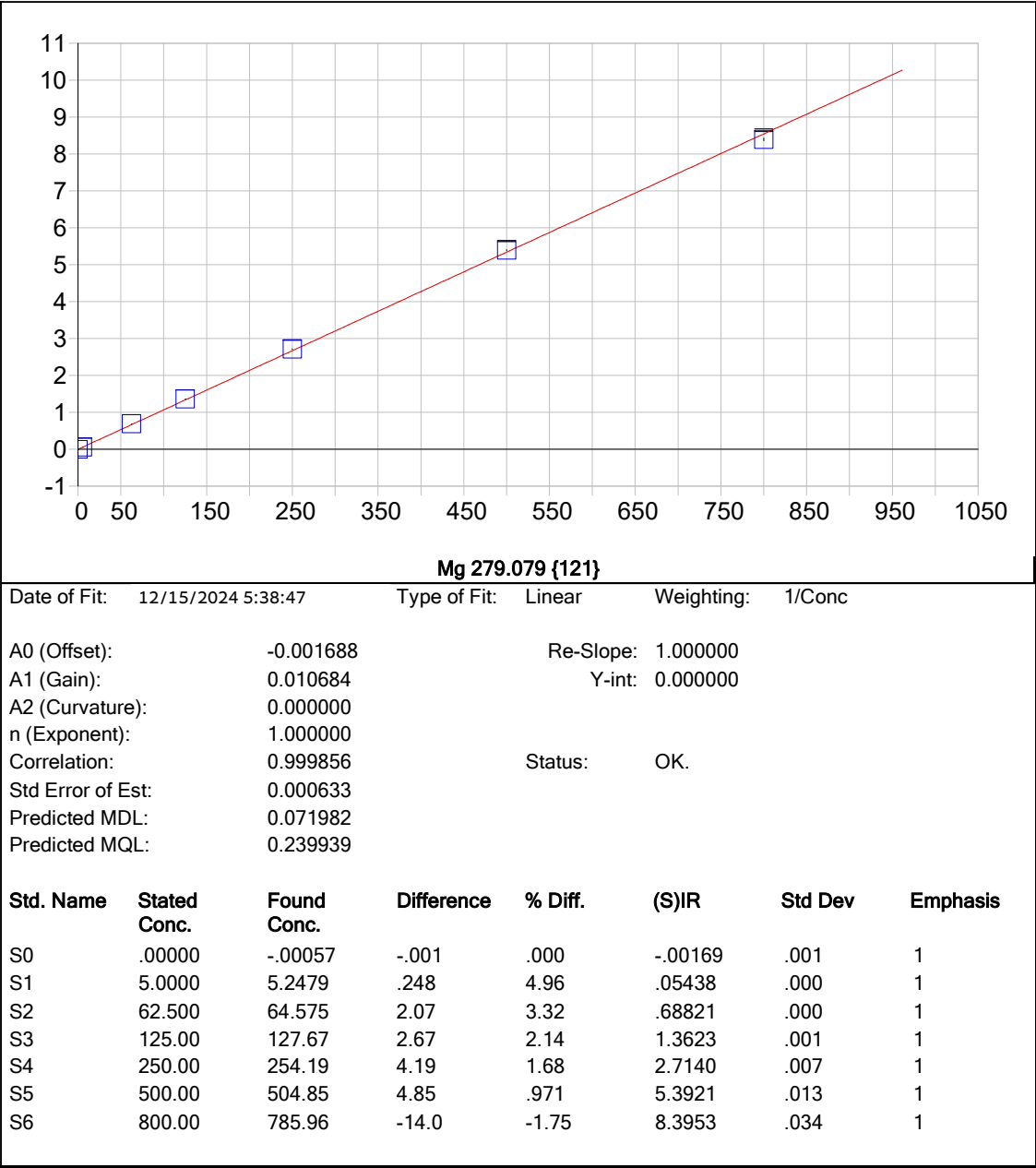


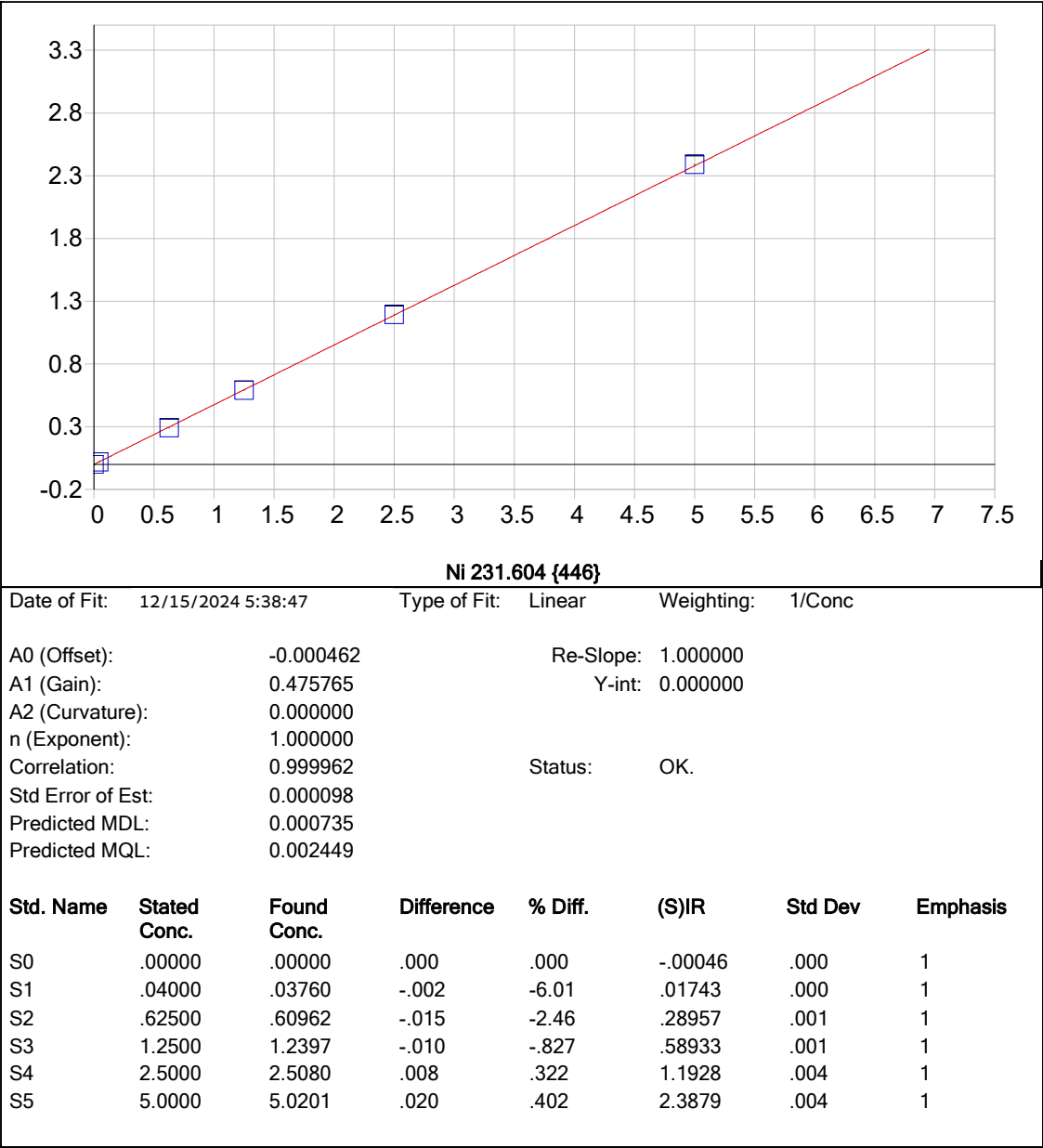


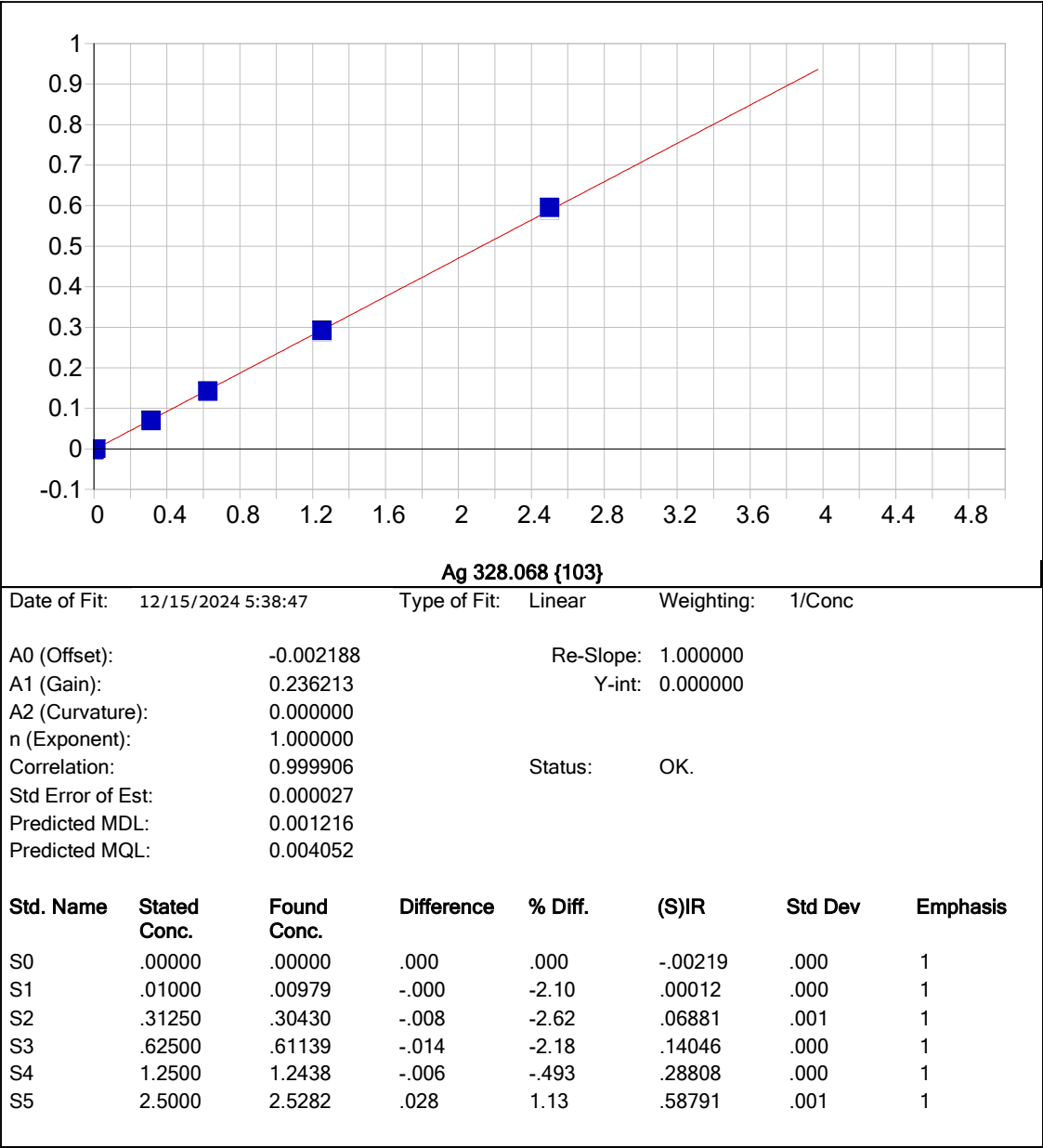




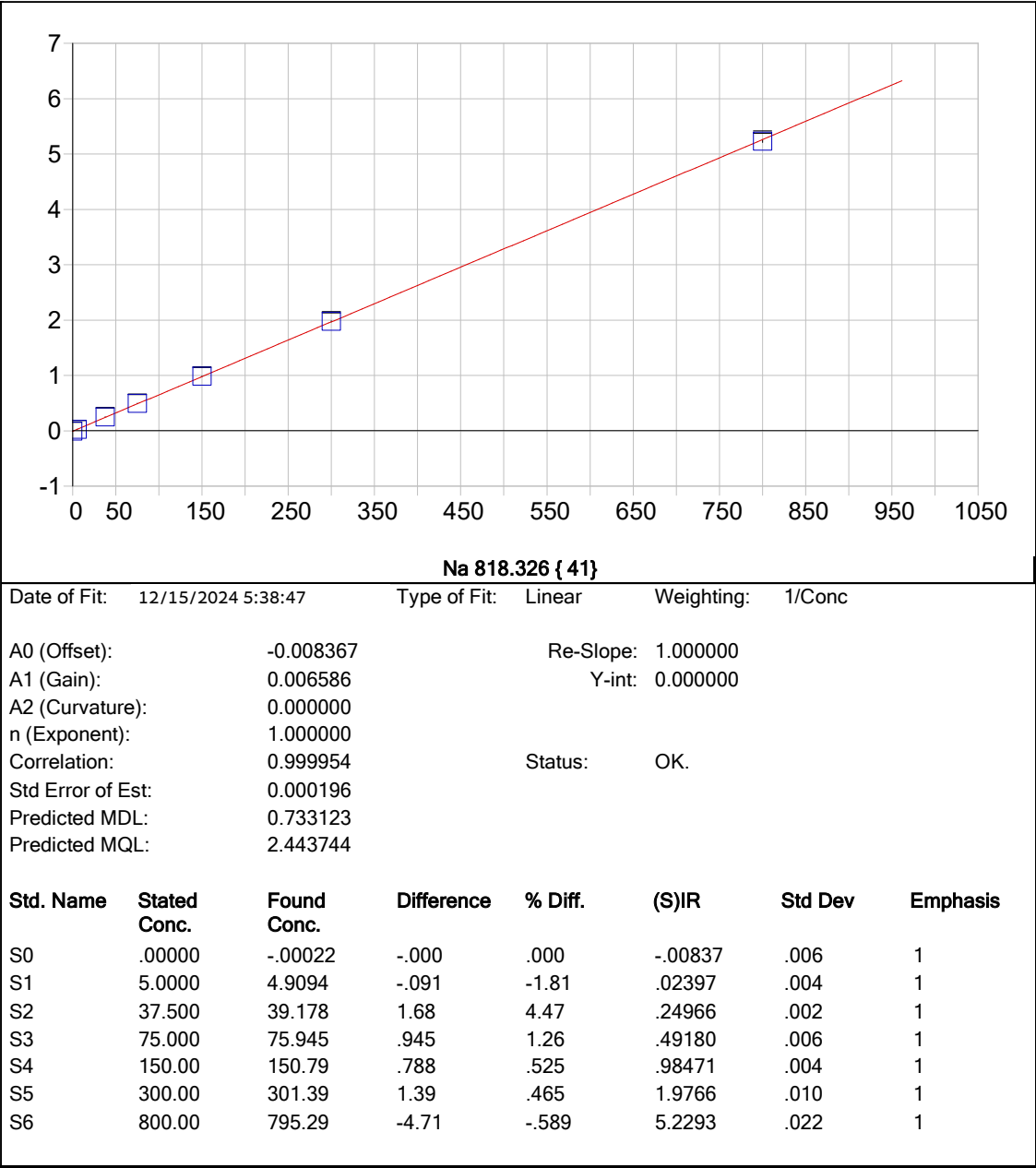


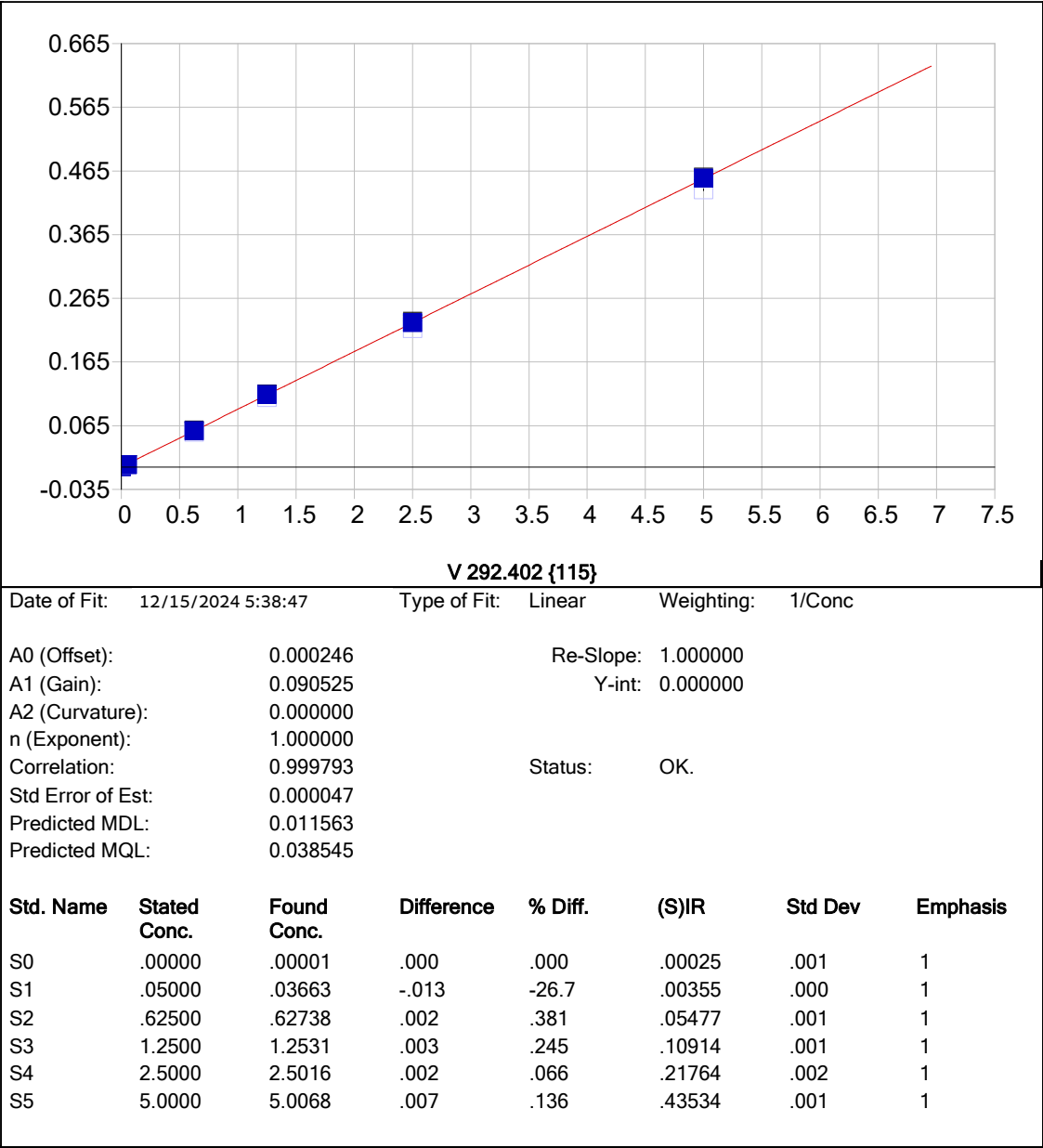


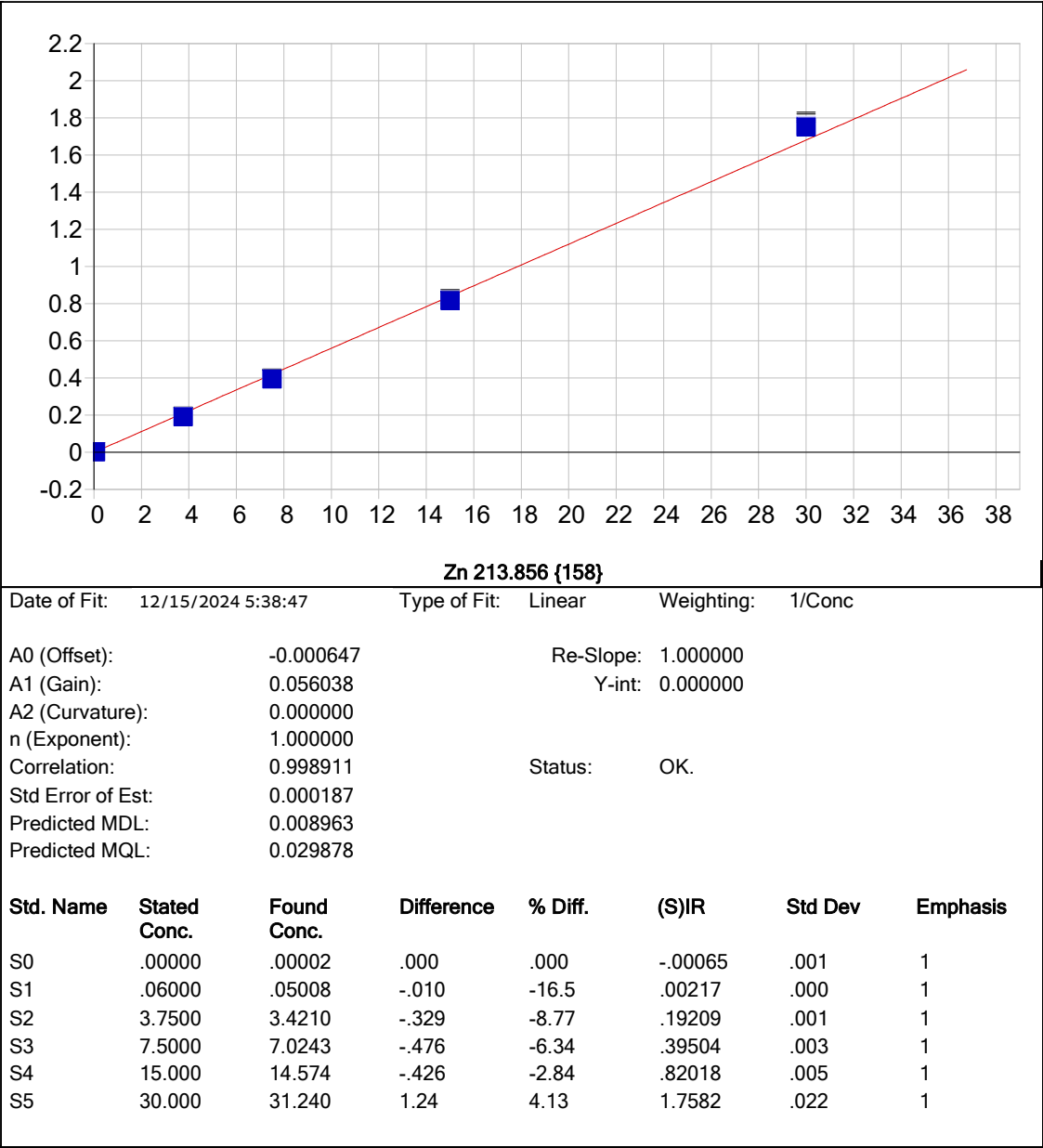


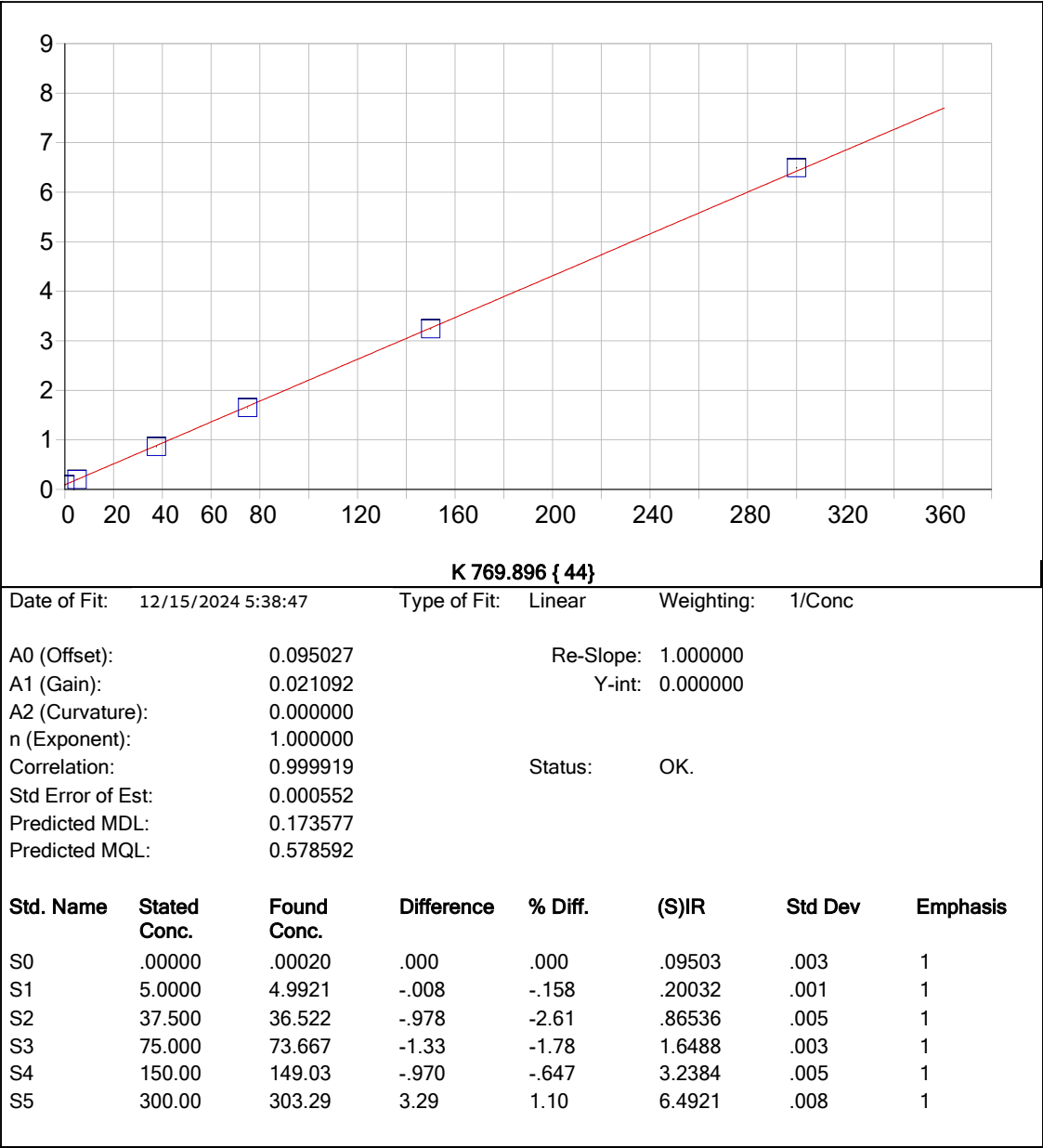


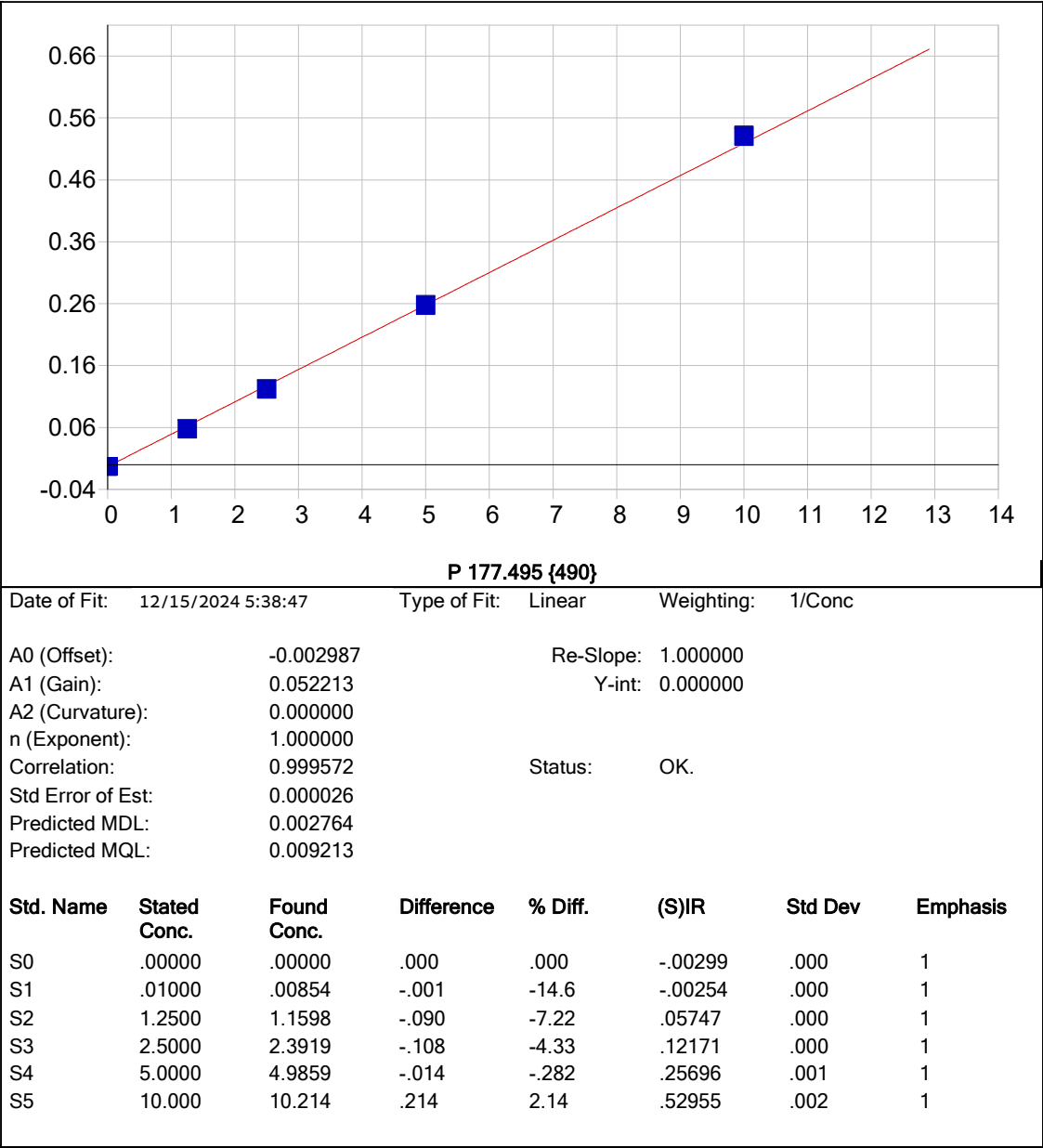


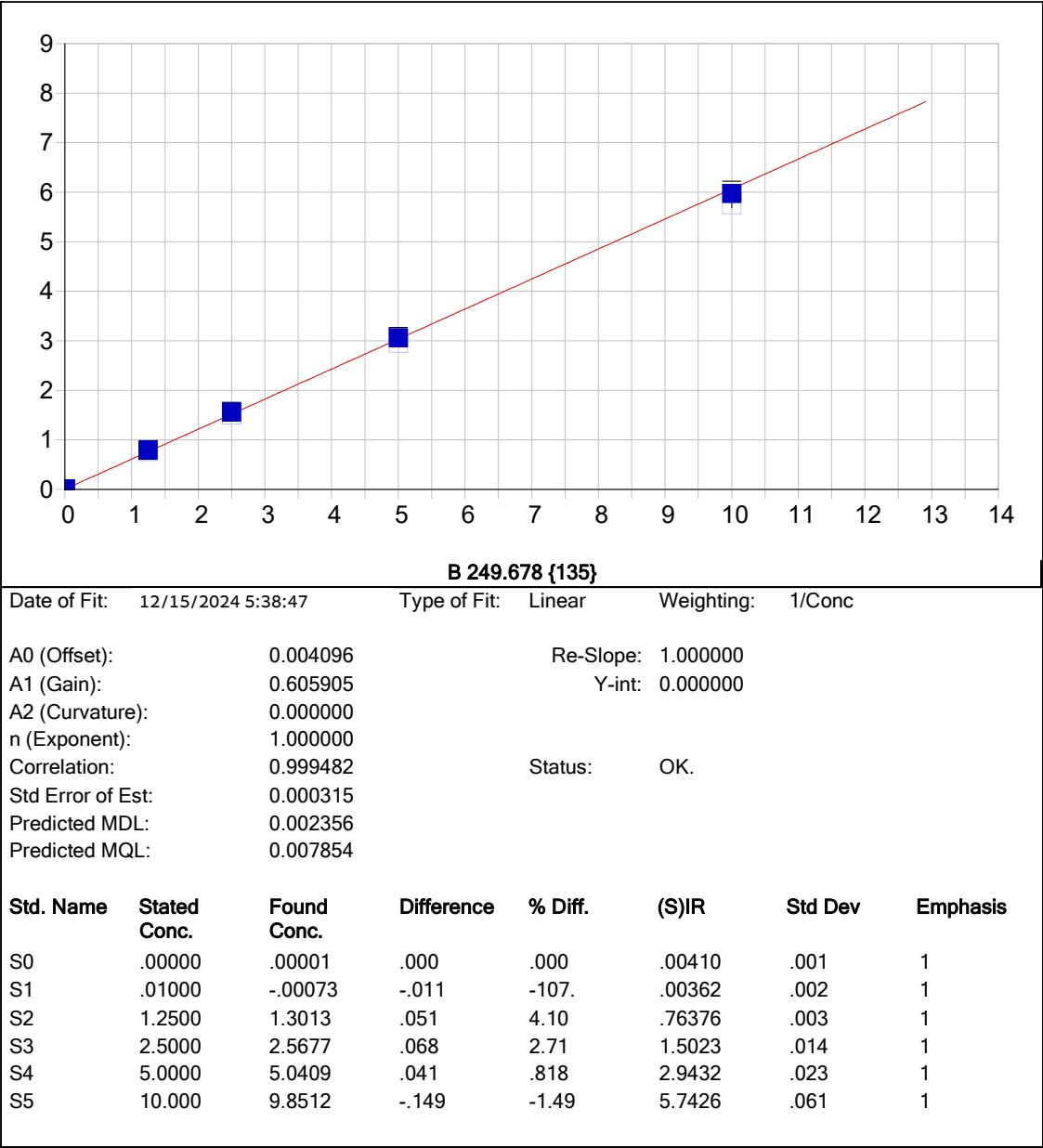


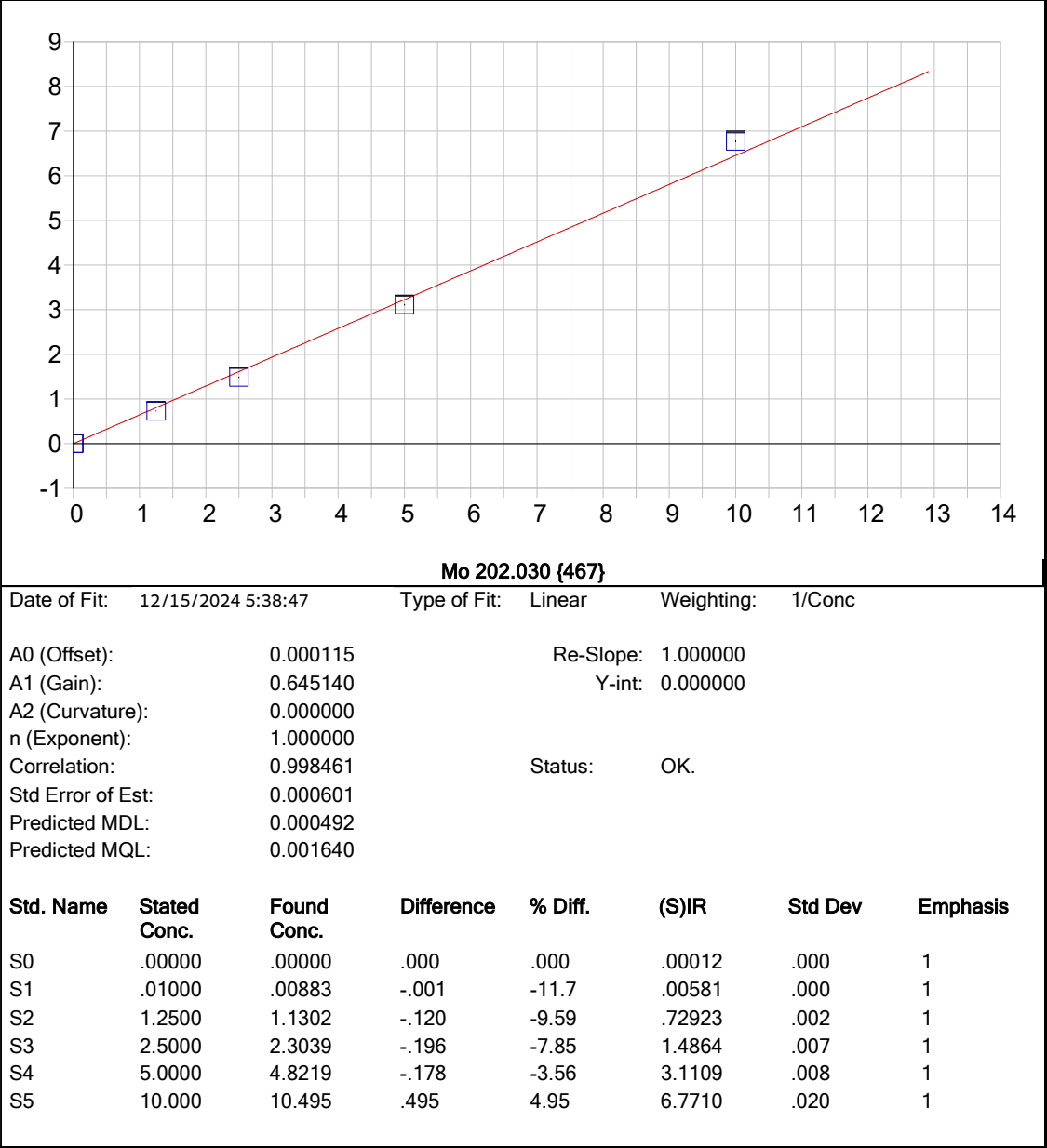


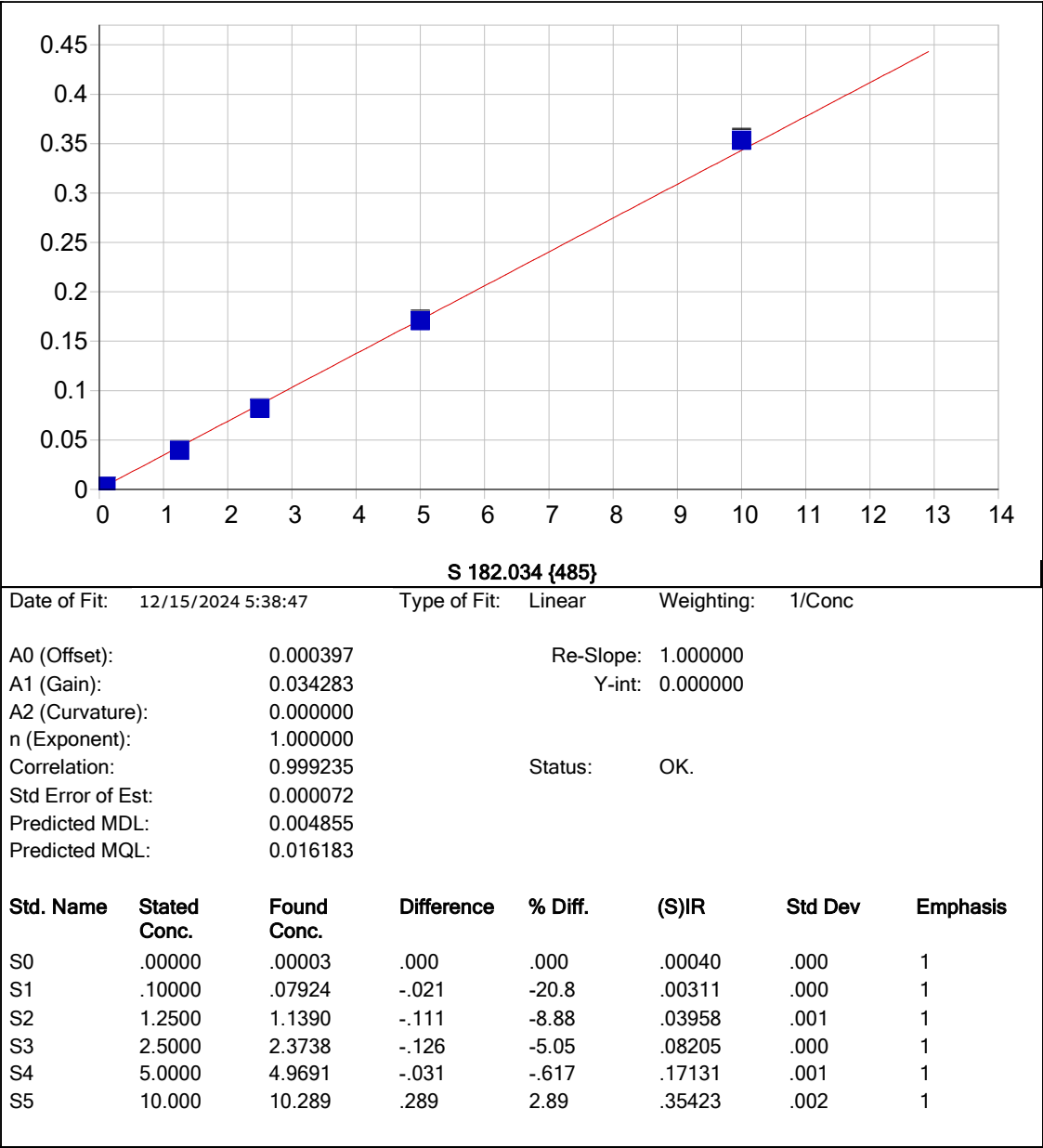




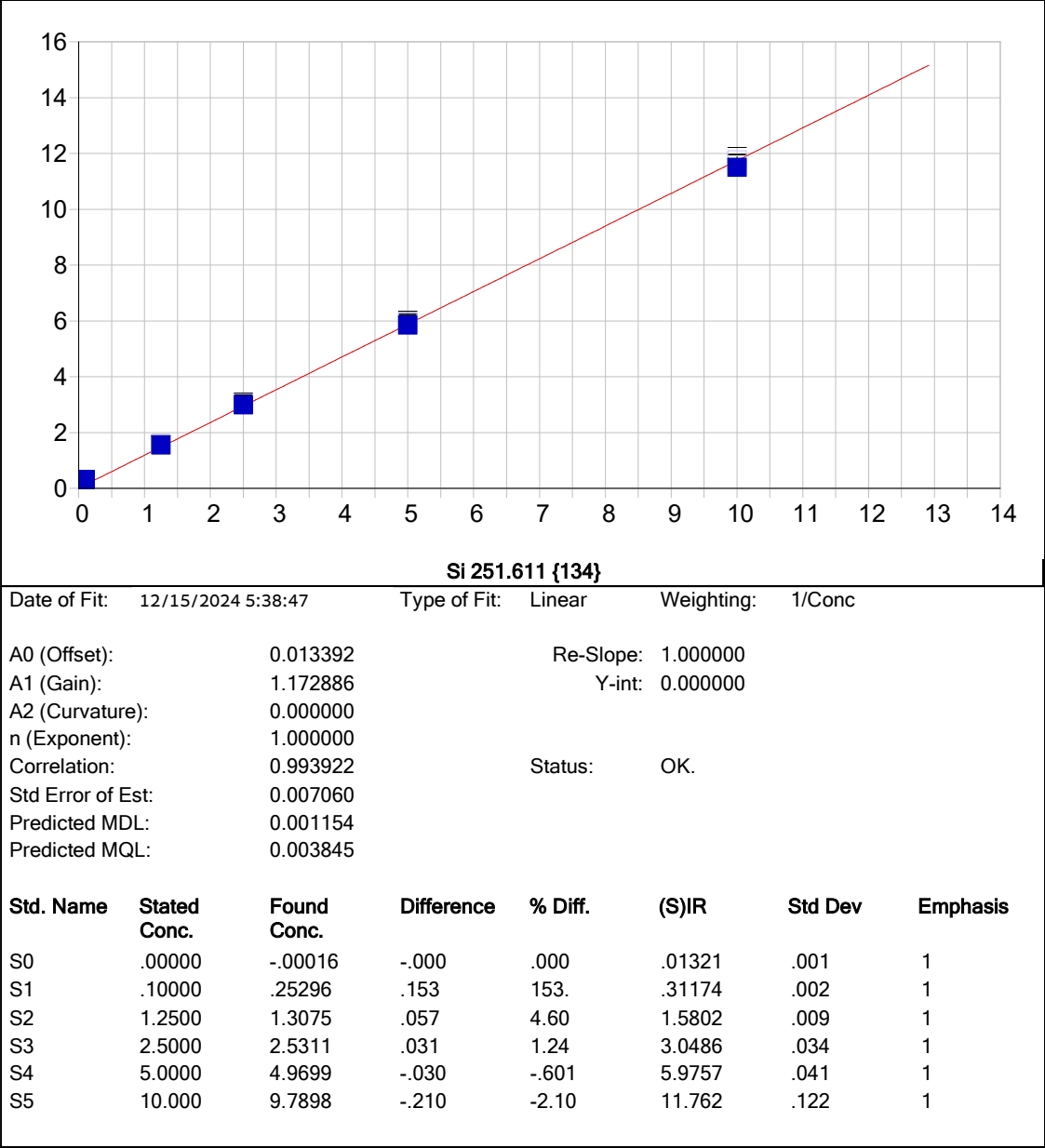


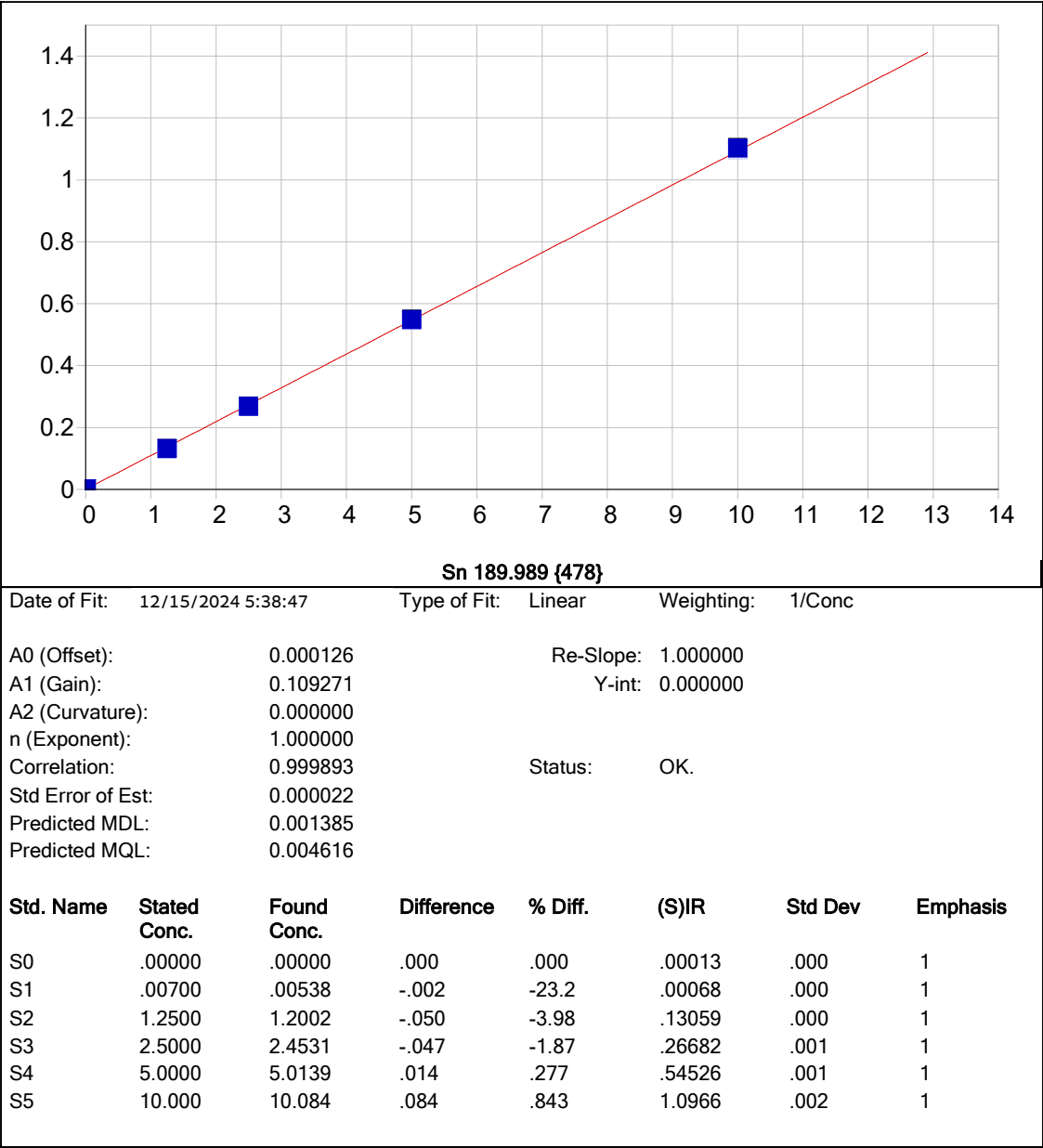


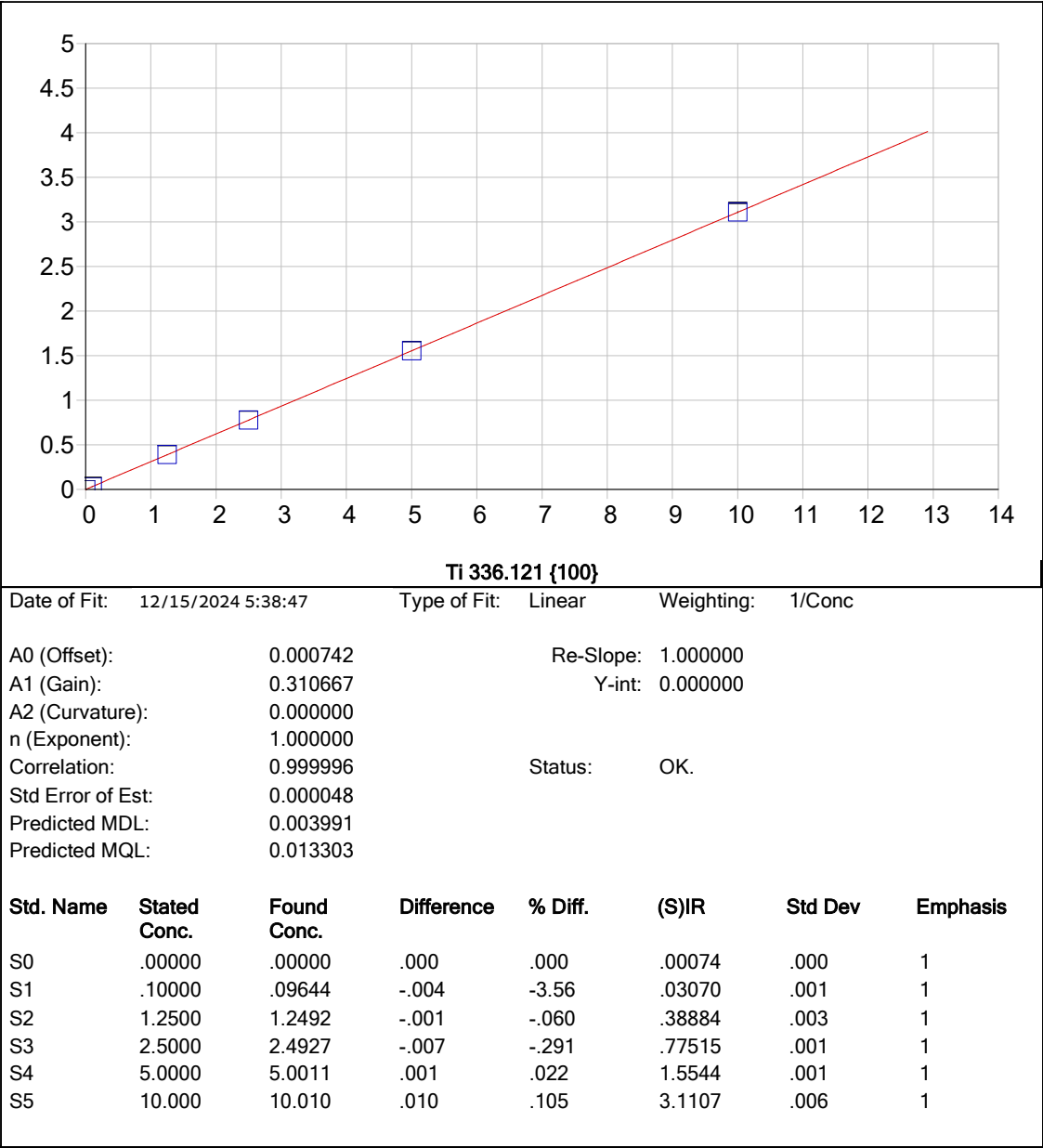


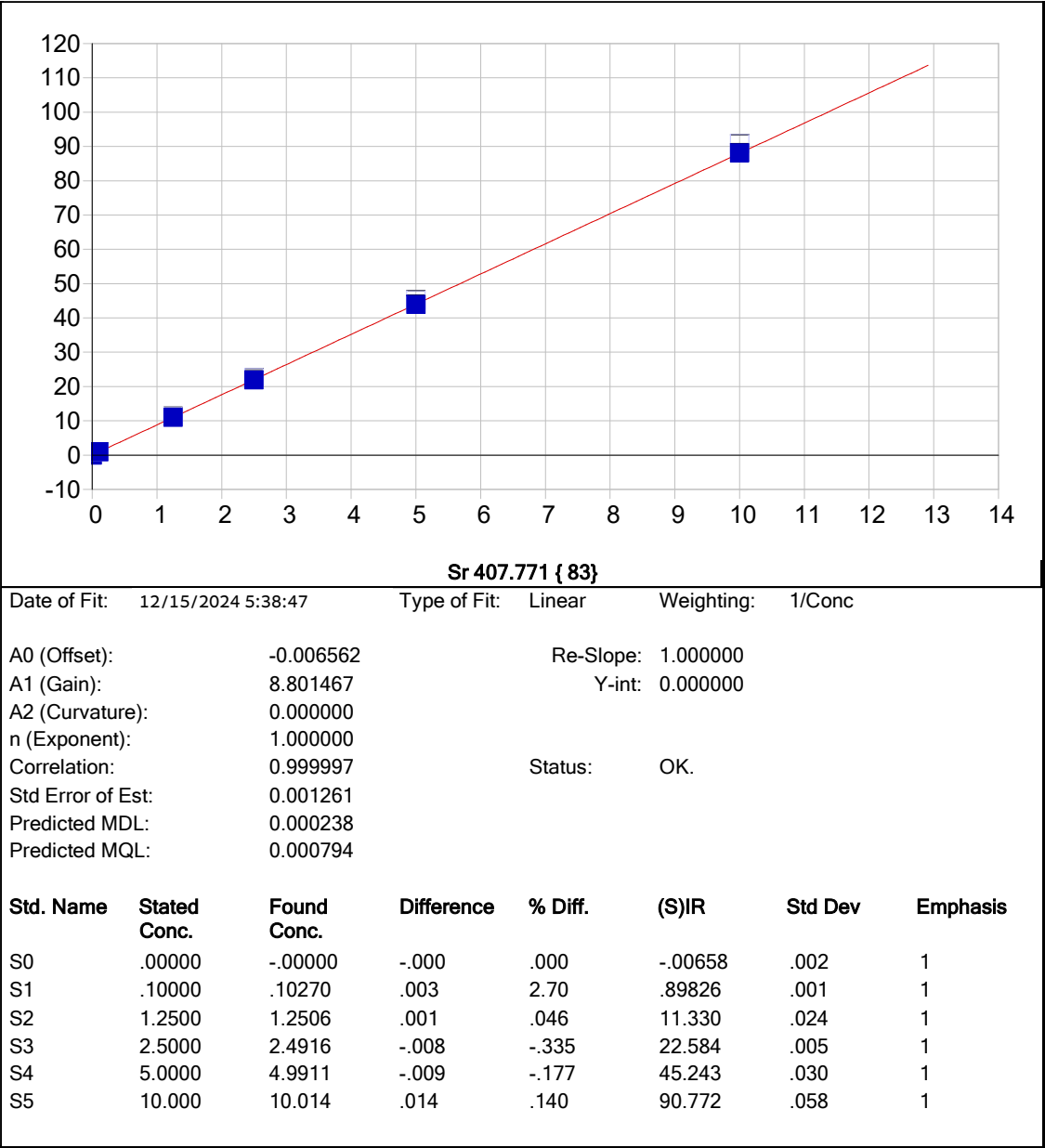








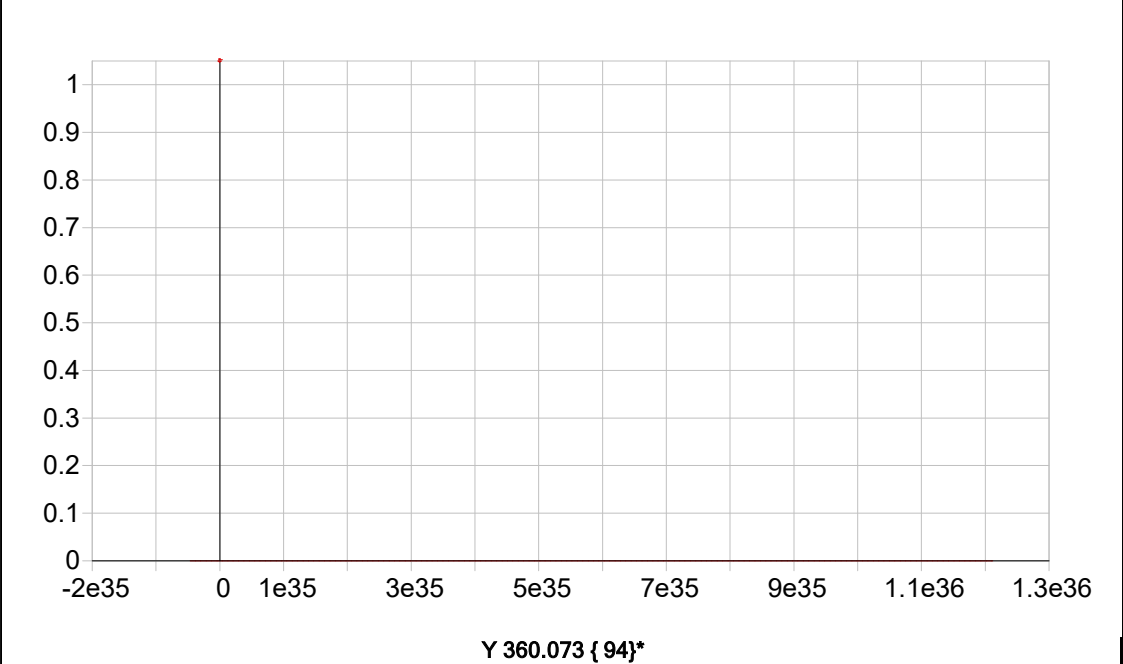




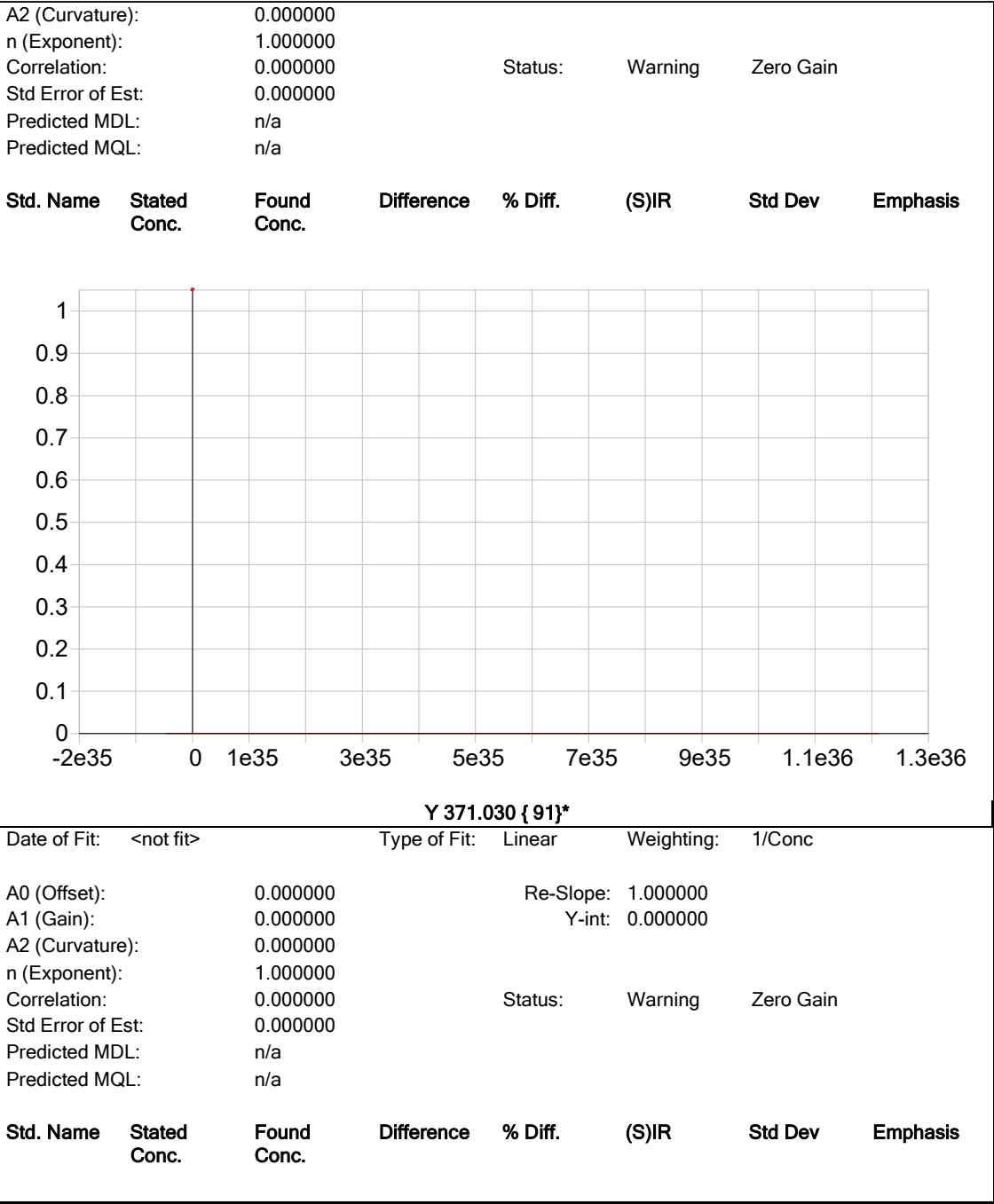


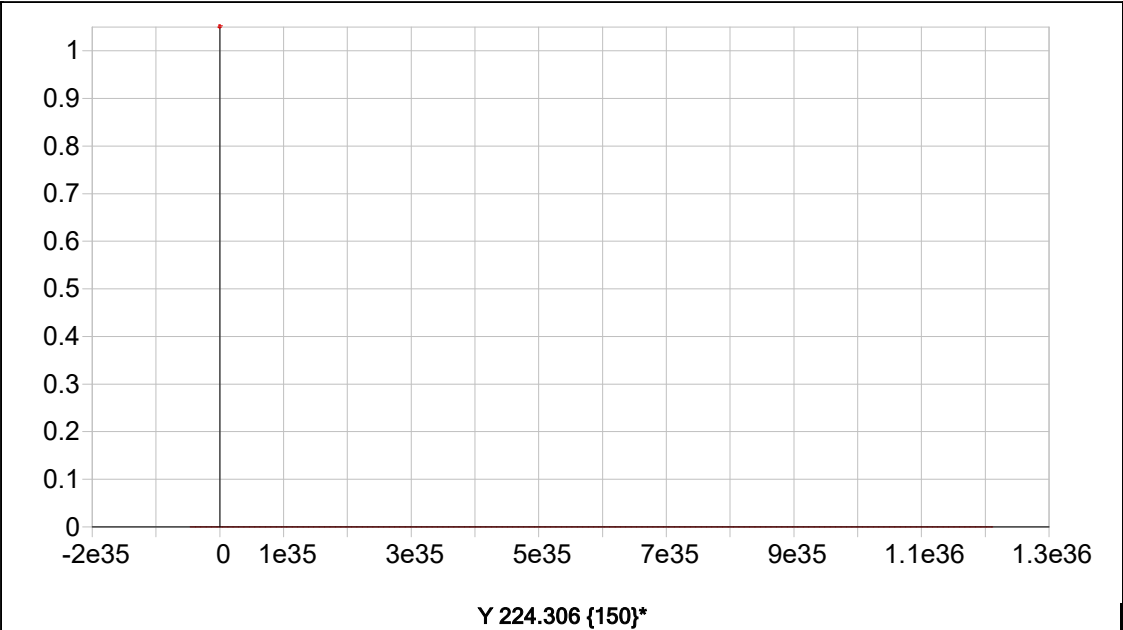
|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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

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



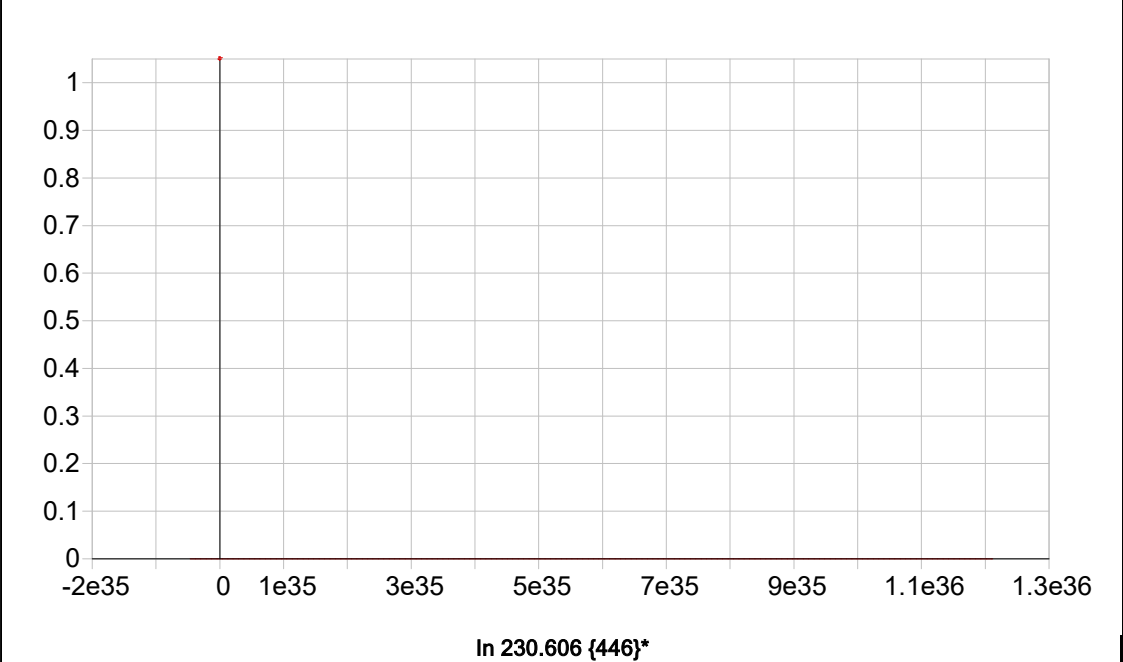
|              |           |  |              |          |            |        |
|--------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit: | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  |  | Re-Slope:    | 1.000000 |   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



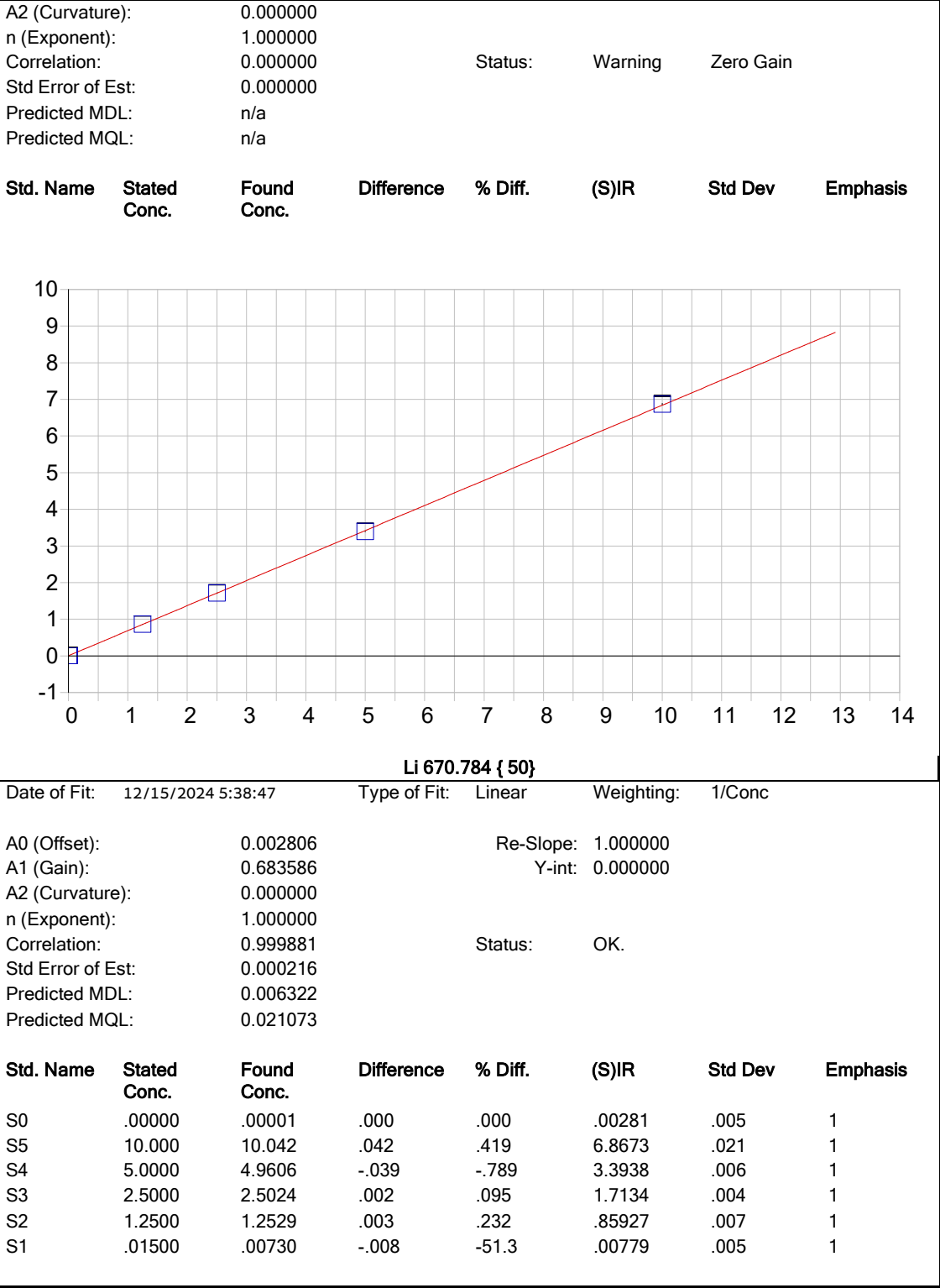


|                   |           |              |           |            |           |
|-------------------|-----------|--------------|-----------|------------|-----------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
| A0 (Offset):      | 0.000000  |         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

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



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





Sample Name: S0      Acquired: 12/15/2024 17:13:21      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | -.05065 | -.00017 | .00013 | -.00012 | .00059 | -.00056 | .01646 | -.00015 |
| Stddev | .14371  | .00006  | .00053 | .00024  | .00006 | .00177  | .00497 | .00097  |
| %RSD   | 283.76  | 37.463  | 419.64 | 208.53  | 10.029 | 318.11  | 30.218 | 631.37  |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | .11231  | -.00011 | -.00041 | -.00003 | .00062 | -.00150 | .01565 | .00067  |
| #2 | -.15927 | -.00016 | .00064  | .00008  | .00052 | -.00165 | .01194 | -.00123 |
| #3 | -.10498 | -.00023 | .00014  | -.00039 | .00063 | .00148  | .02178 | .00009  |

|        |         |        |        |        |        |        |         |         |
|--------|---------|--------|--------|--------|--------|--------|---------|---------|
| 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    | -.00004 | .00468 | .00004 | .00002 | .00233 | .00002 | -.00036 | -.00169 |
| Stddev | .00009  | .00063 | .00020 | .00018 | .00045 | .00032 | .00028  | .00072  |
| %RSD   | 218.53  | 13.350 | 534.71 | 1165.0 | 19.474 | 2000.2 | 77.427  | 42.762  |

|    |         |        |         |         |        |         |         |         |
|----|---------|--------|---------|---------|--------|---------|---------|---------|
| #1 | .00006  | .00404 | -.00016 | .00011  | .00199 | -.00033 | -.00032 | -.00144 |
| #2 | -.00007 | .00529 | .00024  | .00013  | .00284 | .00028  | -.00010 | -.00113 |
| #3 | -.00012 | .00472 | .00003  | -.00020 | .00215 | .00010  | -.00065 | -.00251 |

|        |         |         |         |        |         |        |         |        |
|--------|---------|---------|---------|--------|---------|--------|---------|--------|
| 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    | -.00046 | -.00219 | -.00837 | .00025 | -.00065 | .09503 | -.00299 | .00410 |
| Stddev | .00018  | .00027  | .00630  | .00147 | .00055  | .00295 | .00008  | .00067 |
| %RSD   | 39.902  | 12.198  | 75.317  | 595.40 | 85.237  | 3.1019 | 2.6448  | 16.296 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00026 | -.00249 | -.01561 | .00180  | -.00128 | .09163 | -.00306 | .00444 |
| #2 | -.00062 | -.00207 | -.00413 | -.00113 | -.00029 | .09666 | -.00290 | .00333 |
| #3 | -.00050 | -.00200 | -.00537 | .00007  | -.00037 | .09681 | -.00300 | .00454 |

|        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077  | Li6707 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .00012 | .00040 | .01321 | .00013 | .00074 | -.00658 | .00281 |
| Stddev | .00015 | .00013 | .00100 | .00007 | .00049 | .00178  | .00536 |
| %RSD   | 125.18 | 31.477 | 7.5482 | 51.595 | 66.143 | 26.969  | 190.61 |

|    |         |        |        |        |        |         |         |
|----|---------|--------|--------|--------|--------|---------|---------|
| #1 | .00019  | .00027 | .01268 | .00017 | .00019 | -.00481 | -.00024 |
| #2 | -.00005 | .00052 | .01259 | .00005 | .00115 | -.00836 | .00900  |
| #3 | .00021  | .00040 | .01436 | .00016 | .00089 | -.00659 | -.00032 |

Sample Name: S0      Acquired: 12/15/2024 17:13:21      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 2343.9 | 28323. | 2550.2 | 1975.0 | 3242.9 |
| Stddev    | 10.4   | 15.    | 16.2   | 2.8    | 13.6   |
| %RSD      | .44523 | .05425 | .63481 | .14169 | .42012 |
| #1        | 2341.4 | 28340. | 2564.3 | 1972.1 | 3239.2 |
| #2        | 2335.0 | 28317. | 2532.5 | 1975.2 | 3231.6 |
| #3        | 2355.4 | 28311. | 2553.7 | 1977.7 | 3258.1 |

Sample Name: S1      Acquired: 12/15/2024 17:17:26      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | <b>1.6204</b> | <b>.00149</b> | <b>.00204</b> | <b>.00132</b> | <b>.00733</b> | <b>.01696</b> | <b>.72538</b>  | <b>.04708</b> |
| Stddev | .6261         | .00013        | .00035        | .00014        | .00005        | .00083        | .00634         | .00080        |
| %RSD   | 38.639        | 8.3687        | 17.181        | 10.354        | .67563        | 4.9096        | .87340         | 1.7087        |
| #1     | 2.2536        | .00158        | .00242        | .00117        | .00734        | .01792        | .73029         | .04784        |
| #2     | 1.6061        | .00155        | .00197        | .00143        | .00728        | .01659        | .72763         | .04624        |
| #3     | 1.0016        | .00135        | .00172        | .00136        | .00738        | .01639        | .71823         | .04714        |
| 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    | <b>.01304</b> | <b>.21649</b> | <b>.00213</b> | <b>.03539</b> | <b>.00513</b> | <b>.00151</b> | <b>.00538</b>  | <b>.05438</b> |
| Stddev | .00022        | .00320        | .00013        | .00071        | .00043        | .00046        | .00031         | .00041        |
| %RSD   | 1.7218        | 1.4771        | 6.2278        | 1.9966        | 8.4142        | 30.367        | 5.8104         | .75137        |
| #1     | .01311        | .21551        | .00222        | .03605        | .00509        | .00169        | .00516         | .05392        |
| #2     | .01322        | .22006        | .00198        | .03547        | .00471        | .00099        | .00574         | .05451        |
| #3     | .01279        | .21389        | .00220        | .03464        | .00557        | .00185        | .00524         | .05470        |
| 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    | <b>.01743</b> | <b>.00012</b> | <b>.02397</b> | <b>.00355</b> | <b>.00217</b> | <b>.20032</b> | <b>-.00254</b> | <b>.00362</b> |
| Stddev | .00024        | .00010        | .00420        | .00021        | .00010        | .00125        | .00017         | .00159        |
| %RSD   | 1.3974        | 85.833        | 17.535        | 5.9150        | 4.3935        | .62150        | 6.7014         | 43.805        |
| #1     | .01767        | .00017        | .02098        | .00335        | .00206        | .19959        | -.00250        | .00197        |
| #2     | .01742        | .00000        | .02877        | .00353        | .00220        | .20176        | -.00272        | .00514        |
| #3     | .01718        | .00019        | .02214        | .00377        | .00225        | .19962        | -.00239        | .00375        |
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Sr4077        | Li6707         |               |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |               |
| Avg    | <b>.00581</b> | <b>.00311</b> | <b>.31174</b> | <b>.00068</b> | <b>.03070</b> | <b>.89826</b> | <b>.00779</b>  |               |
| Stddev | .00017        | .00002        | .00200        | .00010        | .00144        | .00076        | .00450         |               |
| %RSD   | 2.9268        | .79413        | .64284        | 14.579        | 4.6788        | .08419        | 57.784         |               |
| #1     | .00600        | .00314        | .31338        | .00076        | .03132        | .89774        | .00344         |               |
| #2     | .00567        | .00312        | .31234        | .00057        | .02906        | .89792        | .01244         |               |
| #3     | .00577        | .00309        | .30951        | .00072        | .03173        | .89913        | .00750         |               |

Sample Name: S1      Acquired: 12/15/2024 17:17:26      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 2344.7 | 28184. | 2560.2 | 1963.0 | 3251.5 |
| Stddev    | 5.4    | 128.   | 18.7   | 9.9    | 13.2   |
| %RSD      | .23222 | .45250 | .73052 | .50460 | .40731 |
| #1        | 2343.2 | 28330. | 2556.4 | 1974.4 | 3241.6 |
| #2        | 2340.1 | 28120. | 2543.7 | 1958.3 | 3246.4 |
| #3        | 2350.7 | 28100. | 2580.5 | 1956.3 | 3266.6 |

Sample Name: S2      Acquired: 12/15/2024 17:21:31      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | <b>180.74</b> | <b>.09059</b> | <b>1.1298</b> | <b>.06115</b> | <b>.16300</b> | <b>3.6661</b> | <b>8.9457</b> | <b>1.2071</b> |
| Stddev | 1.14          | .00052        | .0015         | .00041        | .00064        | .0056         | .0132         | .0022         |
| %RSD   | .63332        | .57317        | .13121        | .67418        | .39298        | .15173        | .14747        | .17843        |
| #1     | 179.80        | .09087        | 1.1287        | .06075        | .16304        | 3.6705        | 8.9541        | 1.2058        |
| #2     | 180.40        | .08999        | 1.1293        | .06111        | .16234        | 3.6599        | 8.9305        | 1.2096        |
| #3     | 182.01        | .09091        | 1.1315        | .06157        | .16362        | 3.6680        | 8.9526        | 1.2059        |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>1.7505</b> | <b>2.7104</b> | <b>.83057</b> | <b>.46114</b> | <b>.45338</b> | <b>.74645</b> | <b>1.3265</b> | <b>.68821</b> |
| Stddev | .0046         | .0093         | .00178        | .00177        | .00158        | .00339        | .0008         | .00015        |
| %RSD   | .26442        | .34243        | .21471        | .38288        | .34779        | .45365        | .05732        | .02151        |
| #1     | 1.7461        | 2.7115        | .82904        | .45915        | .45346        | .74655        | 1.3274        | .68835        |
| #2     | 1.7503        | 2.7006        | .83013        | .46179        | .45177        | .74302        | 1.3261        | .68824        |
| #3     | 1.7553        | 2.7191        | .83253        | .46249        | .45492        | .74979        | 1.3260        | .68805        |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>.28957</b> | <b>.06881</b> | <b>.24966</b> | <b>.05477</b> | <b>.19209</b> | <b>.86536</b> | <b>.05747</b> | <b>.76376</b> |
| Stddev | .00061        | .00060        | .00218        | .00097        | .00111        | .00542        | .00027        | .00252        |
| %RSD   | .21099        | .86631        | .87202        | 1.7745        | .58019        | .62627        | .46824        | .33031        |
| #1     | .28998        | .06940        | .24864        | .05369        | .19330        | .86478        | .05745        | .76526        |
| #2     | .28887        | .06820        | .25216        | .05557        | .19111        | .86026        | .05722        | .76517        |
| #3     | .28988        | .06882        | .24818        | .05506        | .19185        | .87105        | .05775        | .76084        |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Sr4077        | Li6707        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.72923</b> | <b>.03958</b> | <b>1.5802</b> | <b>.13059</b> | <b>.38884</b> | <b>11.330</b> | <b>.85927</b> |  |
| Stddev | .00165        | .00051        | .0088         | .00025        | .00274        | .024          | .00695        |  |
| %RSD   | .22564        | 1.2956        | .55416        | .19143        | .70552        | .21331        | .80896        |  |
| #1     | .72747        | .03901        | 1.5795        | .13030        | .38746        | 11.340        | .85491        |  |
| #2     | .72949        | .03973        | 1.5893        | .13075        | .38707        | 11.303        | .85562        |  |
| #3     | .73073        | .04001        | 1.5718        | .13072        | .39200        | 11.348        | .86729        |  |

Sample Name: S2      Acquired: 12/15/2024 17:21:31      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 2230.8 | 27483. | 2554.6 | 1876.4 | 2938.3 |
| Stddev    | 2.8    | 41.    | 12.2   | 2.9    | 2.2    |
| %RSD      | .12687 | .15052 | .47727 | .15703 | .07355 |
| #1        | 2232.3 | 27522. | 2568.2 | 1879.8 | 2938.5 |
| #2        | 2232.6 | 27486. | 2544.6 | 1874.7 | 2940.4 |
| #3        | 2227.5 | 27440. | 2551.1 | 1874.8 | 2936.1 |

Sample Name: S3      Acquired: 12/15/2024 17:25:20      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | <b>357.56</b> | <b>.18239</b> | <b>2.2864</b> | <b>.12627</b> | <b>.33286</b> | <b>7.3138</b> | <b>17.851</b> | <b>2.3731</b> |
| Stddev | .64           | .00033        | .0092         | .00076        | .00210        | .0086         | .029          | .0202         |
| %RSD   | .17930        | .18034        | .40267        | .60231        | .63151        | .11722        | .16236        | .85072        |
| #1     | 356.97        | .18207        | 2.2785        | .12541        | .33088        | 7.3164        | 17.882        | 2.3734        |
| #2     | 357.46        | .18236        | 2.2841        | .12658        | .33265        | 7.3208        | 17.844        | 2.3931        |
| #3     | 358.24        | .18273        | 2.2965        | .12683        | .33507        | 7.3042        | 17.826        | 2.3527        |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>3.5573</b> | <b>5.4049</b> | <b>1.6549</b> | <b>.92501</b> | <b>.89517</b> | <b>1.4845</b> | <b>2.6297</b> | <b>1.3623</b> |
| Stddev | .0130         | .0078         | .0010         | .00314        | .00270        | .0035         | .0042         | .0013         |
| %RSD   | .36422        | .14486        | .06355        | .33996        | .30143        | .23632        | .15844        | .09636        |
| #1     | 3.5458        | 5.4073        | 1.6542        | .92187        | .89285        | 1.4823        | 2.6325        | 1.3623        |
| #2     | 3.5547        | 5.4112        | 1.6544        | .92500        | .89813        | 1.4885        | 2.6317        | 1.3610        |
| #3     | 3.5714        | 5.3962        | 1.6561        | .92815        | .89454        | 1.4826        | 2.6249        | 1.3637        |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>.58933</b> | <b>.14046</b> | <b>.49180</b> | <b>.10914</b> | <b>.39504</b> | <b>1.6488</b> | <b>.12171</b> | <b>1.5023</b> |
| Stddev | .00115        | .00043        | .00608        | .00070        | .00312        | .0034         | .00047        | .0143         |
| %RSD   | .19590        | .30754        | 1.2364        | .63805        | .78963        | .20319        | .38436        | .94858        |
| #1     | .58819        | .14008        | .48722        | .10901        | .39324        | 1.6452        | .12123        | 1.5097        |
| #2     | .58929        | .14037        | .48949        | .10990        | .39323        | 1.6494        | .12172        | 1.5112        |
| #3     | .59050        | .14093        | .49870        | .10853        | .39864        | 1.6518        | .12217        | 1.4858        |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Sr4077        | Li6707        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>1.4864</b> | <b>.08205</b> | <b>3.0486</b> | <b>.26682</b> | <b>.77515</b> | <b>22.584</b> | <b>1.7134</b> |  |
| Stddev | .0075         | .00043        | .0338         | .00073        | .00107        | .005          | .0043         |  |
| %RSD   | .50130        | .51865        | 1.1097        | .27536        | .13868        | .02205        | .25010        |  |
| #1     | 1.4803        | .08163        | 3.0660        | .26623        | .77620        | 22.584        | 1.7099        |  |
| #2     | 1.4842        | .08204        | 3.0703        | .26657        | .77519        | 22.578        | 1.7182        |  |
| #3     | 1.4947        | .08248        | 3.0097        | .26764        | .77406        | 22.588        | 1.7121        |  |

Sample Name: S3      Acquired: 12/15/2024 17:25:20      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 2145.2 | 27069. | 2565.9 | 1830.4 | 2809.9 |
| Stddev    | 5.6    | 126.   | 13.7   | 7.5    | 5.4    |
| %RSD      | .25951 | .46530 | .53201 | .41097 | .19117 |
| #1        | 2144.7 | 27146. | 2569.0 | 1836.9 | 2806.7 |
| #2        | 2151.0 | 27138. | 2551.0 | 1832.1 | 2816.1 |
| #3        | 2139.9 | 26924. | 2577.8 | 1822.2 | 2806.9 |



Sample Name: S4      Acquired: 12/15/2024 17:29:06      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | <b>703.34</b> | <b>.36293</b> | <b>4.6643</b> | <b>.26292</b> | <b>.69961</b> | <b>14.707</b> | <b>35.865</b> | <b>4.6839</b> |
| Stddev | 2.69          | .00144        | .0108         | .00113        | .00237        | .035          | .066          | .0343         |
| %RSD   | .38183        | .39604        | .23228        | .42795        | .33879        | .23986        | .18383        | .73225        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 706.40 | .36136 | 4.6592 | .26178 | .69769 | 14.739 | 35.937 | 4.7216 |
| #2 | 701.40 | .36326 | 4.6570 | .26294 | .69887 | 14.670 | 35.850 | 4.6753 |
| #3 | 702.21 | .36418 | 4.6768 | .26403 | .70226 | 14.713 | 35.807 | 4.6547 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>7.2269</b> | <b>10.786</b> | <b>3.3096</b> | <b>1.8588</b> | <b>1.7761</b> | <b>2.9502</b> | <b>5.2053</b> | <b>2.7140</b> |
| Stddev | .0178         | .034          | .0004         | .0030         | .0027         | .0065         | .0122         | .0070         |
| %RSD   | .24643        | .31482        | .01239        | .16141        | .15233        | .21986        | .23413        | .25820        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.2191 | 10.798 | 3.3092 | 1.8581 | 1.7733 | 2.9577 | 5.2193 | 2.7219 |
| #2 | 7.2143 | 10.747 | 3.3098 | 1.8561 | 1.7787 | 2.9463 | 5.1978 | 2.7086 |
| #3 | 7.2473 | 10.812 | 3.3100 | 1.8620 | 1.7764 | 2.9467 | 5.1987 | 2.7116 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>1.1928</b> | <b>.28808</b> | <b>.98471</b> | <b>.21764</b> | <b>.82018</b> | <b>3.2384</b> | <b>.25696</b> | <b>2.9432</b> |
| Stddev | .0036         | .00037        | .00412        | .00205        | .00534        | .0054         | .00107        | .0230         |
| %RSD   | .30020        | .12687        | .41883        | .94061        | .65144        | .16601        | .41504        | .78016        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1908 | .28766 | .98885 | .21761 | .81507 | 3.2347 | .25694 | 2.9691 |
| #2 | 1.1906 | .28834 | .98060 | .21970 | .81974 | 3.2359 | .25591 | 2.9352 |
| #3 | 1.1969 | .28824 | .98469 | .21560 | .82573 | 3.2446 | .25804 | 2.9253 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Sr4077        | Li6707        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>3.1109</b> | <b>.17131</b> | <b>5.9757</b> | <b>.54526</b> | <b>1.5544</b> | <b>45.243</b> | <b>3.3938</b> |  |
| Stddev | .0082         | .00087        | .0409         | .00120        | .0009         | .030          | .0063         |  |
| %RSD   | .26400        | .50796        | .68404        | .21991        | .05969        | .06723        | .18569        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 3.1045 | .17112 | 6.0213 | .54461 | 1.5555 | 45.277 | 3.4004 |  |
| #2 | 3.1081 | .17055 | 5.9632 | .54452 | 1.5538 | 45.235 | 3.3931 |  |
| #3 | 3.1202 | .17226 | 5.9425 | .54664 | 1.5540 | 45.217 | 3.3878 |  |

Sample Name: S4      Acquired: 12/15/2024 17:29:06      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 1989.9 | 26211. | 2540.6 | 1725.1 | 2648.7 |
| Stddev    | 10.2   | 67.    | 10.4   | 8.6    | 12.3   |
| %RSD      | .51222 | .25395 | .41013 | .50033 | .46510 |
| #1        | 2000.9 | 26281. | 2528.7 | 1733.1 | 2661.8 |
| #2        | 1988.0 | 26203. | 2547.7 | 1726.4 | 2647.0 |
| #3        | 1980.8 | 26149. | 2545.5 | 1715.9 | 2637.3 |

Sample Name: S5      Acquired: 12/15/2024 17:32:46      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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    | 1352.1 | .71498 | 9.4109 | .57096 | 1.5481 | 29.640 | 72.288 | 9.3106 |
| Stddev | 5.1    | .00179 | .0254  | .00156 | .0056  | .036   | .177   | .0903  |
| %RSD   | .37444 | .25088 | .27032 | .27368 | .36088 | .12167 | .24421 | .96947 |
| #1     | 1352.9 | .71293 | 9.3915 | .57015 | 1.5455 | 29.666 | 72.347 | 9.3973 |
| #2     | 1346.7 | .71577 | 9.4014 | .56996 | 1.5442 | 29.655 | 72.428 | 9.3175 |
| #3     | 1356.7 | .71625 | 9.4397 | .57276 | 1.5545 | 29.599 | 72.090 | 9.2171 |
| 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    | 14.435 | 21.413 | 6.5168 | 3.7028 | 3.5388 | 5.8137 | 10.269 | 5.3921 |
| Stddev | .037   | .053   | .0163  | .0080  | .0145  | .0064  | .023   | .0127  |
| %RSD   | .25732 | .24535 | .24976 | .21623 | .40931 | .11022 | .22547 | .23520 |
| #1     | 14.406 | 21.455 | 6.5273 | 3.6986 | 3.5295 | 5.8093 | 10.280 | 5.3969 |
| #2     | 14.422 | 21.430 | 6.4981 | 3.6977 | 3.5555 | 5.8211 | 10.284 | 5.4016 |
| #3     | 14.477 | 21.354 | 6.5250 | 3.7120 | 3.5314 | 5.8108 | 10.242 | 5.3777 |
| 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    | 2.3879 | .58791 | 1.9766 | .43534 | 1.7582 | 6.4921 | .52955 | 5.7426 |
| Stddev | .0043  | .00087 | .0101  | .00131 | .0218  | .0076  | .00159 | .0607  |
| %RSD   | .18008 | .14719 | .50954 | .30119 | 1.2413 | .11629 | .30056 | 1.0570 |
| #1     | 2.3858 | .58855 | 1.9766 | .43412 | 1.7439 | 6.4984 | .52808 | 5.7902 |
| #2     | 2.3850 | .58693 | 1.9867 | .43673 | 1.7474 | 6.4942 | .52933 | 5.7633 |
| #3     | 2.3929 | .58826 | 1.9665 | .43519 | 1.7834 | 6.4837 | .53124 | 5.6742 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 6.7710 | .35423 | 11.762 | 1.0966 | 3.1107 | 90.772 | 6.8673 |        |
| Stddev | .0195  | .00189 | .122   | .0024  | .0063  | .058   | .0212  |        |
| %RSD   | .28860 | .53482 | 1.0368 | .22063 | .20113 | .06434 | .30822 |        |
| #1     | 6.7612 | .35344 | 11.858 | 1.0944 | 3.1155 | 90.789 | 6.8495 |        |
| #2     | 6.7583 | .35286 | 11.803 | 1.0961 | 3.1129 | 90.821 | 6.8907 |        |
| #3     | 6.7935 | .35639 | 11.625 | 1.0992 | 3.1036 | 90.707 | 6.8617 |        |

Sample Name: S5      Acquired: 12/15/2024 17:32:46      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 1737.5 | 25288. | 2493.4 | 1553.0 | 2474.2 |
| Stddev    | 4.3    | 136.   | 9.0    | 16.3   | 6.8    |
| %RSD      | .24740 | .53954 | .36139 | 1.0477 | .27421 |
| #1        | 1742.1 | 25415. | 2491.3 | 1567.1 | 2480.1 |
| #2        | 1733.6 | 25307. | 2485.6 | 1556.6 | 2466.8 |
| #3        | 1736.7 | 25144. | 2503.2 | 1535.2 | 2475.7 |

Sample Name: S6      Acquired: 12/15/2024 17:36:24      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      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       | 76.014 | 33.857 | 14.907 | 8.3953 | 5.2293 |
| Stddev    | .305   | .098   | .068   | .0340  | .0221  |
| %RSD      | .40121 | .29043 | .45659 | .40435 | .42196 |
| #1        | 75.866 | 33.813 | 14.874 | 8.3791 | 5.2158 |
| #2        | 76.365 | 33.969 | 14.985 | 8.4343 | 5.2548 |
| #3        | 75.812 | 33.788 | 14.861 | 8.3726 | 5.2175 |
| Int. Std. | Y_3710 |        |        |        |        |
| Units     | Cts/S  |        |        |        |        |
| Avg       | 2478.8 |        |        |        |        |
| Stddev    | 13.6   |        |        |        |        |
| %RSD      | .54895 |        |        |        |        |
| #1        | 2471.5 |        |        |        |        |
| #2        | 2470.3 |        |        |        |        |
| #3        | 2494.5 |        |        |        |        |

Sample Name: ICV004      Acquired: 12/15/2024 17:40:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 1.038947 | .9930447 | .9441570 | .9206292 | .9511772   | 2.370367   |
| Stddev | .001662  | .0062430 | .0062369 | .0057424 | .0075145   | .003706    |
| %RSD   | .1599640 | .6286692 | .6605770 | .6237483 | .7900166   | .1563550   |
| #1     | 1.040708 | .9860440 | .9420876 | .9142968 | .9425085   | 2.366172   |
| #2     | 1.038727 | .9950560 | .9392179 | .9220921 | .9558378   | 2.371732   |
| #3     | 1.037406 | .9980341 | .9511656 | .9254986 | .9551854   | 2.373197   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5105981 | .5074084 | .4770064 | 10.12286 | .5317201   | .4835181   |
| Stddev | .0013849 | .0019591 | .0025671 | .07309   | .0021263   | .0023416   |
| %RSD   | .2712321 | .3861069 | .5381635 | .7220005 | .3998871   | .4842937   |
| #1     | .5121679 | .5051609 | .4743886 | 10.13415 | .5328117   | .4808450   |
| #2     | .5100776 | .5083094 | .4771109 | 10.04479 | .5330789   | .4845019   |
| #3     | .5095489 | .5087550 | .4795196 | 10.18965 | .5292697   | .4852073   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .4926610 | 10.40534 | .5214154 | 6.192417 | .4909916   | .2438986   |
| Stddev | .0050868 | .06961   | .0004530 | .142043  | .0031651   | .0012405   |
| %RSD   | 1.032514 | .6690070 | .0868860 | 2.293818 | .6446451   | .5086092   |
| #1     | .4983385 | 10.46997 | .5219059 | 6.356399 | .4876057   | .2434994   |
| #2     | .4911260 | 10.33164 | .5213278 | 6.107500 | .4914930   | .2452895   |
| #3     | .4885185 | 10.41442 | .5210126 | 6.113352 | .4938762   | .2429068   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.05315 | .5038855 | .9292499 | 9.291803 | F -.000307 | F .0100625 |
| Stddev | .29825   | .0078271 | .0059638 | .056879  | .001130    | .0022492   |
| %RSD   | 2.966756 | 1.553355 | .6417808 | .6121424 | 367.5991   | 22.35208   |
| #1     | 10.06054 | .4949547 | .9353652 | 9.279258 | .000983    | .0103289   |
| #2     | 10.34763 | .5095525 | .9289340 | 9.242243 | -.000787   | .0121666   |
| #3     | 9.75126  | .5071494 | .9234503 | 9.353907 | -.001118   | .0076920   |

Sample Name: ICV004      Acquired: 12/15/2024 17:40:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV004      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Sr4077     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0006094 | F -.001856 | F .0040990 | F .0015549 | F .0009017 | F -.008969 |
| Stddev | .0000825   | .005279    | .0009841   | .0004710   | .0019155   | .000206    |
| %RSD   | 13.54227   | 284.3896   | 24.00804   | 30.29437   | 212.4254   | 2.300851   |
| #1     | .0006892   | .002759    | .0047694   | .0017614   | -.001065   | -.008958   |
| #2     | .0006145   | -.007613   | .0029692   | .0018874   | .001008    | -.008768   |
| #3     | .0005244   | -.000716   | .0045585   | .0010159   | .002762    | -.009180   |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F -.003787 |
| Stddev | .005212    |
| %RSD   | 137.6130   |
| #1     | -.005827   |
| #2     | .002136    |
| #3     | -.007671   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2335.453 | 28272.37 | 2608.262 | 1965.105 | 3197.178 |
| Stddev    | 14.654   | 107.97   | 3.292    | 8.438    | 19.099   |
| %RSD      | .6274602 | .3818891 | .1262316 | .4294138 | .5973844 |
| #1        | 2351.709 | 28198.57 | 2611.364 | 1957.552 | 3219.033 |
| #2        | 2323.258 | 28222.24 | 2604.807 | 1963.551 | 3183.689 |
| #3        | 2331.391 | 28396.29 | 2608.613 | 1974.213 | 3188.812 |

Sample Name: ICB004      Acquired: 12/15/2024 17:44:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003684 | .0014289 | .0022742 | -.000601 | .0000029 | .0082884 | .0002556 |
| Stddev | .0019860 | .0007064 | .0006859 | .001694  | .0007972 | .0085457 | .0004529 |
| %RSD   | 539.0624 | 49.43355 | 30.16147 | 281.9492 | 27322.93 | 103.1047 | 177.2219 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001709 | .0011067 | .0020850 | -.002548 | .0004592 | .0175765 | .0006768 |
| #2 | .000567  | .0009411 | .0030349 | .000218  | -.000918 | .0065302 | -.000224 |
| #3 | .002248  | .0022389 | .0017028 | .000528  | .000467  | .0007585 | .000314  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000046 | .0000319 | .0252482 | .0000927 | -.000218 | -.004677 | .0110761 |
| Stddev | .000125  | .0000671 | .0243485 | .0002301 | .000273  | .003690  | .0397035 |
| %RSD   | 269.8392 | 210.6593 | 96.43641 | 248.2408 | 125.2536 | 78.90284 | 358.4608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000085  | .0000895 | .0455800 | -.000097 | -.000523 | -.007574 | -.022456 |
| #2 | -.000060 | -.000042 | .0318994 | .000349  | .000006  | -.000523 | .000767  |
| #3 | -.000163 | .000048  | -.001735 | .000027  | -.000138 | -.005933 | .054917  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000342 | .0152618 | .0001299 | .0001480 | -.436100 | -.005734 | -.002831 |
| Stddev | .000794  | .0649878 | .0006264 | .0004370 | .475474  | .010012  | .006666  |
| %RSD   | 232.1481 | 425.8210 | 482.2983 | 295.3003 | 109.0287 | 174.6260 | 235.4770 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001081 | -.015717 | -.000369 | .0001761 | -.909566 | -.003736 | .004797  |
| #2 | -.000441 | .089943  | .000833  | .0005702 | .041357  | -.016594 | -.005752 |
| #3 | .000497  | -.028440 | -.000074 | -.000302 | -.440090 | .003129  | -.007538 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1735206 | -.002021 | .0084682 | .0002788 | -.003443 | .0014398 | .0007721 |
| Stddev | .1727968 | .001641  | .0031520 | .0002037 | .005842  | .0005516 | .0005589 |
| %RSD   | 99.58287 | 81.22386 | 37.22151 | 73.06636 | 169.6786 | 38.31285 | 72.39436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3730416 | -.003831 | .0079164 | .0002028 | .003266  | .0012116 | .0006465 |
| #2 | .0722570 | -.000631 | .0056285 | .0001240 | -.007409 | .0010389 | .0013831 |
| #3 | .0752632 | -.001600 | .0118596 | .0005096 | -.006186 | .0020689 | .0002866 |



Sample Name: ICB004      Acquired: 12/15/2024 17:44:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002714 | .0002427 | -.009929 |
| Stddev | .002433  | .0002313 | .002955  |
| %RSD   | 89.66175 | 95.31826 | 29.75974 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001327 | .0000263 | -.010998 |
| #2 | -.001291 | .0002153 | -.012200 |
| #3 | -.005524 | .0004865 | -.006588 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2337.120 | 28245.34 | 2576.996 | 1968.706 | 3237.734 |
| Stddev    | 7.048    | 63.07    | 15.514   | 9.983    | 10.923   |
| %RSD      | .3015792 | .2233048 | .6020008 | .5070626 | .3373634 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2340.297 | 28298.42 | 2575.010 | 1979.753 | 3237.731 |
| #2 | 2342.021 | 28175.61 | 2562.571 | 1960.333 | 3248.658 |
| #3 | 2329.043 | 28261.98 | 2593.407 | 1966.032 | 3226.812 |

Sample Name: ICSA004      Acquired: 12/15/2024 17:48:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA004      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000840</b> | <b>.0203396</b> | <b>.0039096</b> | <b>-.030305</b> | <b>.0078546</b> | <b>238.9222</b> |
| Stddev | .003195         | .0029692        | .0033035        | .004553         | .0005842        | 1.0467          |
| %RSD   | 380.5111        | 14.59824        | 84.49749        | 15.02377        | 7.437519        | .4380929        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .001707  | .0219178 | .0071699 | -.025360 | .0085288 | 239.4015 |
| #2 | -.004424 | .0221864 | .0039943 | -.031233 | .0074981 | 239.6434 |
| #3 | .000199  | .0169145 | .0005646 | -.034323 | .0075369 | 237.7217 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0052860</b> | <b>.0013489</b> | <b>.0010346</b> | <b>244.6726</b> | <b>.0497077</b> | <b>.0360242</b> |
| Stddev | .0011259        | .0001970        | .0000445        | .7914           | .0009657        | .0002770        |
| %RSD   | 21.29936        | 14.60286        | 4.302533        | .3234608        | 1.942767        | .7689558        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0048878 | .0011381 | .0010021 | 245.1308 | .0498810 | .0357115 |
| #2 | .0044132 | .0015283 | .0010163 | 245.1282 | .0505750 | .0362389 |
| #3 | .0065568 | .0013802 | .0010853 | 243.7587 | .0486671 | .0361222 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.014912</b> | <b>102.3676</b> | <b>.0102816</b> | <b>257.7221</b> | <b>.0060916</b> | <b>-.008820</b> |
| Stddev | .006612         | .4687           | .0007586        | .8777           | .0010375        | .000389         |
| %RSD   | 44.33585        | .4578983        | 7.378411        | .3405555        | 17.03129        | 4.413214        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.020956 | 102.8510 | .0096558 | 258.6154 | .0070196 | -.008422 |
| #2 | -.007851 | 102.3366 | .0111253 | 257.6901 | .0062837 | -.008838 |
| #3 | -.015930 | 101.9151 | .0100636 | 256.8608 | .0049715 | -.009199 |

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>.0021769</b> | <b>.0010595</b> | <b>-.043038</b> | <b>-.516808</b> | <b>.0033750</b> | <b>F -.026524</b> |
| Stddev | 1.328731        | .0051313        | .001182         | .215820         | .0041100        | .002500           |
| %RSD   | 61038.15        | 484.3017        | 2.747272        | 41.76028        | 121.7778        | 9.425288          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.19429 | .0035717 | -.044037 | -.733638 | .0079985 | -.029390 |
| #2 | -.23138  | .0044506 | -.043345 | -.514774 | .0001356 | -.025388 |
| #3 | 1.43220  | -.004844 | -.041733 | -.302012 | .0019910 | -.024793 |

Sample Name: ICSA004      Acquired: 12/15/2024 17:48:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0003007 | .0073976 | -.004304 | F .0125049 | -.004535 | .0022724 |
| Stddev | .0003052 | .0020493 | .000681  | .0017405   | .002199  | .0004011 |
| %RSD   | 101.5110 | 27.70261 | 15.81576 | 13.91833   | 48.48776 | 17.65234 |
| #1     | .0001922 | .0085228 | -.004951 | .0105139   | -.005231 | .0023659 |
| #2     | .0006453 | .0050322 | -.003594 | .0137374   | -.002073 | .0026185 |
| #3     | .0000645 | .0086380 | -.004369 | .0132634   | -.006303 | .0018327 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0124230 |
| Stddev | .0018064 |
| %RSD   | 14.54097 |
| #1     | .0142010 |
| #2     | .0124786 |
| #3     | .0105894 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2198.418 | 26245.49 | 2546.895 | 1843.216 | 2785.585 |
| Stddev    | 3.497    | 70.56    | 14.834   | 4.326    | 6.065    |
| %RSD      | .1590802 | .2688328 | .5824529 | .2347167 | .2177265 |
| #1        | 2199.270 | 26246.00 | 2542.420 | 1845.002 | 2784.720 |
| #2        | 2194.573 | 26315.79 | 2534.813 | 1846.363 | 2779.999 |
| #3        | 2201.410 | 26174.68 | 2563.452 | 1838.282 | 2792.036 |

Sample Name: ICSAB004      Acquired: 12/15/2024 17:52:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0996684 | .1213299 | .0500216 | .0185984 | .5262279 | 236.9978 |
| Stddev | .0042138 | .0023818 | .0044102 | .0086762 | .0048475 | .4166    |
| %RSD   | 4.227843 | 1.963043 | 8.816546 | 46.65044 | .9211860 | .1757654 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0948270 | .1221144 | .0551133 | .0284889 | .5284580 | 236.9184 |
| #2 | .1025096 | .1186548 | .0474034 | .0150357 | .5206666 | 237.4484 |
| #3 | .1016687 | .1232204 | .0475480 | .0122706 | .5295590 | 236.6267 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5245710 | .5098990 | .9799221 | 242.8101 | .5737440 | .5106450 |
| Stddev | .0011042 | .0027781 | .0049376 | .1066    | .0024994 | .0029135 |
| %RSD   | .2104929 | .5448335 | .5038799 | .0439062 | .4356354 | .5705458 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5247030 | .5070817 | .9772636 | 242.7191 | .5766300 | .5088267 |
| #2 | .5256033 | .5126362 | .9768834 | 242.9274 | .5723130 | .5091029 |
| #3 | .5234068 | .5099791 | .9856194 | 242.7839 | .5722889 | .5140054 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4640818 | 101.8175 | .5219761 | 255.3015 | .9784937 | .1784824 |
| Stddev | .0030989 | .0875    | .0020559 | .3795    | .0037730 | .0008773 |
| %RSD   | .6677580 | .0859767 | .3938659 | .1486339 | .3855890 | .4915309 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4641236 | 101.8293 | .5222695 | 255.0719 | .9754853 | .1791890 |
| #2 | .4671596 | 101.8985 | .5197893 | 255.7395 | .9772690 | .1787577 |
| #3 | .4609622 | 101.7246 | .5238695 | 255.0932 | .9827269 | .1775005 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.144349 | .5209979 | .8845220 | -1.01536 | .0017003 | F -.032378 |
| Stddev | .160124  | .0191549 | .0036843 | .18984   | .0056661 | .000998    |
| %RSD   | 110.9286 | 3.676581 | .4165260 | 18.69657 | 333.2414 | 3.083686   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .028632  | .5381664 | .8861609 | -1.13579 | -.001560 | -.033490 |
| #2 | -.174288 | .5244903 | .8803026 | -1.11376 | .008243  | -.031558 |
| #3 | -.287390 | .5003372 | .8871024 | -.79652  | -.001582 | -.032085 |

Sample Name: ICSAB004      Acquired: 12/15/2024 17:52:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0006472 | .0090201 | -.003558 | F .0097004 | -.004847 | .0024975 |
| Stddev | .0005212 | .0018872 | .001254  | .0025725   | .004493  | .0003232 |
| %RSD   | 80.53504 | 20.92179 | 35.24724 | 26.51994   | 92.71213 | 12.94077 |
| #1     | .0012148 | .0070317 | -.003402 | .0097901   | -.001604 | .0021265 |
| #2     | .0005364 | .0092423 | -.004883 | .0070842   | -.002960 | .0026477 |
| #3     | .0001902 | .0107864 | -.002389 | .0122270   | -.009976 | .0027183 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0057799 |
| Stddev | .0079792 |
| %RSD   | 138.0503 |
| #1     | .0149468 |
| #2     | .0003945 |
| #3     | .0019984 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2204.018 | 26341.35 | 2541.423 | 1847.546 | 2812.009 |
| Stddev    | 3.057    | 95.06    | 9.992    | 3.759    | 10.511   |
| %RSD      | .1386823 | .3608785 | .3931691 | .2034598 | .3737987 |
| #1        | 2207.520 | 26231.64 | 2551.121 | 1843.207 | 2822.590 |
| #2        | 2202.647 | 26393.20 | 2531.160 | 1849.815 | 2811.866 |
| #3        | 2201.887 | 26399.21 | 2541.987 | 1849.616 | 2801.569 |

Sample Name: CCV029      Acquired: 12/15/2024 17:56:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV029      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.708424 | 4.761779 | 23.63709 | 4.537755 | 4.589025 | 388.7774 | 9.716457 |
| Stddev | .028584  | .012765  | .08760   | .023589  | .001721  | .3176    | .017206  |
| %RSD   | .6070908 | .2680813 | .3706135 | .5198476 | .0375050 | .0816860 | .1770853 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.741421 | 4.754885 | 23.64530 | 4.518086 | 4.587598 | 388.7787 | 9.719589 |
| #2 | 4.692611 | 4.753942 | 23.54567 | 4.531270 | 4.588541 | 388.4592 | 9.697900 |
| #3 | 4.691240 | 4.776509 | 23.72030 | 4.563908 | 4.590936 | 389.0943 | 9.731882 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.782449 | 2.370645 | 395.3735 | 14.73088 | 2.360447 | 14.66721 | 399.7576 |
| Stddev | .0019061 | .006975  | .1566    | .01585   | .009731  | .02423   | .5631    |
| %RSD   | .3985602 | .2942123 | .0395965 | .1075690 | .4122510 | .1651678 | .1408582 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.777538 | 2.371098 | 395.2133 | 14.72022 | 2.360087 | 14.66668 | 399.6475 |
| #2 | 4.803484 | 2.363455 | 395.3812 | 14.74909 | 2.350901 | 14.64326 | 399.2577 |
| #3 | 4.766323 | 2.377383 | 395.5261 | 14.72334 | 2.370353 | 14.69170 | 400.3676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.48009 | 389.5076 | 2.386359 | 1.200211 | 395.1780 | 2.410747 | 14.75238 |
| Stddev | .02389   | .6170    | .004229  | .004049  | 1.3444   | .015268  | .08689   |
| %RSD   | .1649641 | .1584074 | .1772090 | .3373543 | .3402053 | .6333186 | .5889919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.49192 | 389.1125 | 2.385973 | 1.196335 | 396.7046 | 2.428342 | 14.78974 |
| #2 | 14.45260 | 389.1917 | 2.382337 | 1.204413 | 394.1708 | 2.402909 | 14.65306 |
| #3 | 14.49576 | 390.2186 | 2.390768 | 1.199884 | 394.6585 | 2.400991 | 14.81434 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 144.7496 | 4.741525 | 4.659796 | 4.563860 | 4.739867 | 4.813405 | 4.789253 |
| Stddev | .4431    | .019615  | .015633  | .010194  | .017706  | .011026  | .019221  |
| %RSD   | .3061479 | .4136757 | .3354879 | .2233602 | .3735582 | .2290725 | .4013368 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 144.2381 | 4.742769 | 4.654165 | 4.559500 | 4.737844 | 4.809179 | 4.787975 |
| #2 | 144.9934 | 4.721318 | 4.677465 | 4.556573 | 4.723260 | 4.825919 | 4.770703 |
| #3 | 145.0173 | 4.760488 | 4.647758 | 4.575509 | 4.758498 | 4.805116 | 4.809081 |

Sample Name: CCV029      Acquired: 12/15/2024 17:56:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV029      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.859396 | 4.593898 | 5.004194 |
| Stddev | .011018  | .009525  | .012782  |
| %RSD   | .2267264 | .2073447 | .2554193 |
| #1     | 4.869344 | 4.593182 | 5.010568 |
| #2     | 4.847554 | 4.584751 | 4.989479 |
| #3     | 4.861290 | 4.603761 | 5.012535 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1921.536 | 25135.77 | 2491.077 | 1667.551 | 2537.417 |
| Stddev    | 8.226    | 104.44   | 5.582    | 13.005   | 11.566   |
| %RSD      | .4280863 | .4155099 | .2240901 | .7799046 | .4558231 |
| #1        | 1930.228 | 25048.39 | 2485.968 | 1666.351 | 2546.232 |
| #2        | 1920.508 | 25251.45 | 2497.035 | 1681.115 | 2541.699 |
| #3        | 1913.873 | 25107.49 | 2490.229 | 1655.188 | 2524.321 |

Sample Name: CCB029      Acquired: 12/15/2024 17:59:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB029      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002623</b> | <b>.0036344</b> | <b>.0023924</b> | <b>-.000261</b> | <b>-.003073</b> | <b>.0474962</b> | <b>.0003648</b> |
| Stddev | .001582         | .0000993        | .0022460        | .006992         | .003041         | .0152675        | .0006476        |
| %RSD   | 60.32016        | 2.732180        | 93.88028        | 2677.028        | 98.94907        | 32.14469        | 177.5397        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001287</b> | <b>.0036775</b> | <b>.0006865</b> | <b>.005789</b>  | <b>-.003135</b> | <b>.0353060</b> | <b>-.000369</b> |
| #2 | <b>-.004370</b> | <b>.0037049</b> | <b>.0049370</b> | <b>-.007916</b> | <b>-.006082</b> | <b>.0425618</b> | <b>.000609</b>  |
| #3 | <b>-.002212</b> | <b>.0035208</b> | <b>.0015535</b> | <b>.001343</b>  | <b>-.000002</b> | <b>.0646206</b> | <b>.000855</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001832</b> | <b>.0001002</b> | <b>.0217255</b> | <b>.0013602</b> | <b>.0000890</b> | <b>.0075177</b> | <b>.0122751</b> |
| Stddev | .0001736        | .0000306        | .0283031        | .0008051        | .0002449        | .0008765        | .0272519        |
| %RSD   | 94.77882        | 30.55087        | 130.2763        | 59.19049        | 275.0195        | 11.65936        | 222.0086        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0003007</b> | <b>.0001228</b> | <b>.0043380</b> | <b>.0016482</b> | <b>-.000157</b> | <b>.0084656</b> | <b>-.018901</b> |
| #2 | <b>-.000016</b> | <b>.0000654</b> | <b>.0064542</b> | <b>.0004507</b> | <b>.000092</b>  | <b>.0067364</b> | <b>.031565</b>  |
| #3 | <b>.000265</b>  | <b>.0001123</b> | <b>.0543843</b> | <b>.0019817</b> | <b>.000332</b>  | <b>.0073512</b> | <b>.024161</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0011160</b> | <b>.0986318</b> | <b>.0003736</b> | <b>.0012622</b> | <b>-.603451</b> | <b>-.010452</b> | <b>-.008942</b> |
| Stddev | .0013960        | .0507845        | .0005533        | .0015002        | .499182         | .004306         | .007164         |
| %RSD   | 125.0857        | 51.48892        | 148.0985        | 118.8523        | 82.72111        | 41.20264        | 80.11560        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0011118</b> | <b>.0849570</b> | <b>.0010104</b> | <b>.0011915</b> | <b>-.953988</b> | <b>-.007247</b> | <b>-.005758</b> |
| #2 | <b>-.000278</b> | <b>.1548536</b> | <b>.0000116</b> | <b>-.000201</b> | <b>-.824447</b> | <b>-.008761</b> | <b>-.017145</b> |
| #3 | <b>.002514</b>  | <b>.0560849</b> | <b>.0000987</b> | <b>.002797</b>  | <b>-.031919</b> | <b>-.015347</b> | <b>-.003922</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0483428</b> | <b>-.000887</b> | <b>.0108553</b> | <b>.0007221</b> | <b>-.006134</b> | <b>.0005404</b> | <b>.0009997</b> |
| Stddev | .1068376        | .003634         | .0016569        | .0004230        | .002781         | .0017705        | .0010403        |
| %RSD   | 221.0002        | 409.6756        | 15.26392        | 58.57953        | 45.33704        | 327.6139        | 104.0626        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.036629</b> | <b>.001633</b>  | <b>.0117072</b> | <b>.0011986</b> | <b>-.007164</b> | <b>.0003740</b> | <b>.0021728</b> |
| #2 | <b>.168283</b>  | <b>-.005053</b> | <b>.0089457</b> | <b>.0003909</b> | <b>-.002985</b> | <b>.0023883</b> | <b>.0001894</b> |
| #3 | <b>.013375</b>  | <b>.000758</b>  | <b>.0119129</b> | <b>.0005767</b> | <b>-.008252</b> | <b>-.001141</b> | <b>.0006368</b> |



Sample Name: CCB029      Acquired: 12/15/2024 17:59:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB029      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001753 | .0003151 | .0003296 |
| Stddev | .001591  | .0000576 | .0014330 |
| %RSD   | 90.72617 | 18.28951 | 434.7601 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000126 | .0003701 | .0015165 |
| #2 | -.003305 | .0002551 | .0007347 |
| #3 | -.001828 | .0003199 | -.001262 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2309.651 | 28088.28 | 2563.289 | 1946.707 | 3225.850 |
| Stddev    | 7.906    | 166.72   | 14.361   | 14.850   | 15.290   |
| %RSD      | .3422877 | .5935571 | .5602536 | .7628124 | .4739723 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2300.825 | 27902.05 | 2559.577 | 1933.078 | 3212.955 |
| #2 | 2316.083 | 28139.14 | 2551.148 | 1944.511 | 3242.741 |
| #3 | 2312.044 | 28223.64 | 2579.141 | 1962.532 | 3221.855 |

Sample Name: PB165442BL      Acquired: 12/15/2024 18:03:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS442      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018658 | .0011079 | .0000895 | -.003353 | -.002527 | -.010391 | -.000088 |
| Stddev | .0039910 | .0018605 | .0001734 | .001830  | .001251  | .007070  | .000995  |
| %RSD   | 213.9096 | 167.9331 | 193.7101 | 54.56704 | 49.48105 | 68.04318 | 1133.684 |
| #1     | -.002734 | .0032185 | -.000073 | -.001965 | -.002054 | -.017060 | -.000148 |
| #2     | .003916  | .0003990 | .000069  | -.002668 | -.001583 | -.002978 | .000936  |
| #3     | .004415  | -.000294 | .000272  | -.005426 | -.003946 | -.011134 | -.001051 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000742 | .0000584 | -.013136 | -.000194 | -.000533 | -.010222 | .0013460 |
| Stddev | .0001558 | .0000333 | .041845  | .000971  | .000568  | .009218  | .0477117 |
| %RSD   | 209.9656 | 57.10150 | 318.5483 | 501.4355 | 106.4660 | 90.18160 | 3544.573 |
| #1     | .0002461 | .0000490 | -.011126 | -.000152 | -.001181 | -.005633 | .0477169 |
| #2     | -.000058 | .0000308 | .027667  | -.001185 | -.000295 | -.020834 | .0039233 |
| #3     | .000034  | .0000954 | -.055950 | .000756  | -.000123 | -.004199 | -.047602 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009456 | .0289093 | -.000539 | .0009293 | -.227679 | -.010268 | -.003977 |
| Stddev | .0021881 | .0118900 | .000777  | .0008470 | .915665  | .007070  | .001436  |
| %RSD   | 231.3939 | 41.12870 | 144.1029 | 91.14712 | 402.1740 | 68.85024 | 36.10901 |
| #1     | -.001459 | .0155844 | -.001388 | .0018995 | .823399  | -.002548 | -.005542 |
| #2     | .002820  | .0384366 | .000137  | .0003373 | -.653872 | -.016426 | -.002720 |
| #3     | .001475  | .0327070 | -.000366 | .0005510 | -.852564 | -.011831 | -.003670 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1992637 | -.001908 | .0041045 | .0000766 | -.007926 | .0000220 | .0003866 |
| Stddev | .2569769 | .001160  | .0011973 | .0002587 | .002615  | .0009568 | .0001173 |
| %RSD   | 128.9632 | 60.81122 | 29.16992 | 337.5767 | 32.99931 | 4345.873 | 30.35120 |
| #1     | .1401559 | -.002424 | .0051446 | -.000024 | -.010943 | .0009313 | .0004948 |
| #2     | -.023009 | -.000579 | .0043732 | -.000117 | -.006301 | -.000976 | .0004030 |
| #3     | .480645  | -.002721 | .0027957 | .000371  | -.006533 | .000111  | .0002619 |

Sample Name: PB165442BL      Acquired: 12/15/2024 18:03:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS442      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002520 | .0002978 | -.007299 |
| Stddev | .003110  | .0003457 | .006691  |
| %RSD   | 123.4098 | 116.0800 | 91.67910 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003395 | .0001911 | -.001438 |
| #2 | .000934  | .0006843 | -.014589 |
| #3 | -.005099 | .0000181 | -.005868 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2345.109 | 28221.59 | 2562.807 | 1963.892 | 3266.430 |
| Stddev    | 14.866   | 72.45    | 20.945   | 5.708    | 20.079   |
| %RSD      | .6339176 | .2567154 | .8172503 | .2906529 | .6147051 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2334.590 | 28173.07 | 2562.061 | 1959.762 | 3255.946 |
| #2 | 2338.622 | 28304.87 | 2542.245 | 1970.406 | 3253.762 |
| #3 | 2362.117 | 28186.83 | 2584.114 | 1961.510 | 3289.580 |

Sample Name: PB165442BS      Acquired: 12/15/2024 18:07:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS442      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0208700 | .0476446 | .0197785 | .0586902 | .0930647 | .3608528 |
| Stddev | .0013164 | .0012059 | .0008509 | .0005230 | .0015165 | .0104140 |
| %RSD   | 6.307793 | 2.530949 | 4.302347 | .8910535 | 1.629464 | 2.885945 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0205008 | .0466730 | .0199010 | .0592274 | .0914938 | .3613754 |
| #2 | .0223317 | .0489942 | .0188730 | .0581828 | .0945201 | .3709956 |
| #3 | .0197776 | .0472667 | .0205616 | .0586604 | .0931800 | .3501873 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3873279 | .0098358 | .0089314 | 9.533278 | .0190234 | .0922798 |
| Stddev | .0011175 | .0000665 | .0000242 | .078180  | .0003903 | .0001711 |
| %RSD   | .2885256 | .6763693 | .2706726 | .8200721 | 2.051819 | .1853595 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3872343 | .0097733 | .0089575 | 9.554394 | .0191579 | .0921401 |
| #2 | .3884893 | .0099057 | .0089097 | 9.598730 | .0193286 | .0924705 |
| #3 | .3862602 | .0098283 | .0089271 | 9.446708 | .0185836 | .0922286 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0440081 | .1780129 | .0314120 | 9.978176 | .0719253 | .0198035 |
| Stddev | .0023440 | .0097699 | .0023536 | .046081  | .0005441 | .0005227 |
| %RSD   | 5.326369 | 5.488340 | 7.492822 | .4618166 | .7565131 | 2.639663 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0462431 | .1892727 | .0306881 | 10.03132 | .0725357 | .0198976 |
| #2 | .0415685 | .1729861 | .0295053 | 9.94929  | .0714914 | .0202729 |
| #3 | .0442127 | .1717798 | .0340425 | 9.95392  | .0717487 | .0192401 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.47084 | .0866187 | .1020769 | 9.495302 | .0163335 | F .0011956 |
| Stddev | 1.60018  | .0075232 | .0052758 | .269285  | .0017697 | .0023515   |
| %RSD   | 15.28222 | 8.685370 | 5.168476 | 2.835986 | 10.83499 | 196.6811   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.84981 | .0866982 | .0980456 | 9.712577 | .0177095 | .0036387 |
| #2 | 8.71628  | .0790562 | .1080480 | 9.579300 | .0143371 | -.001052 |
| #3 | 10.84644 | .0941019 | .1001371 | 9.194029 | .0169540 | .001000  |

Sample Name: PB165442BS      Acquired: 12/15/2024 18:07:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS442      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0173253 | .1604191 | F .4891690 | .0124953 | .1867875 | .1976498 |
| Stddev | .0003751 | .0010840 | .0059707   | .0020514 | .0066377 | .0006579 |
| %RSD   | 2.165038 | .6757522 | 1.220589   | 16.41741 | 3.553614 | .3328456 |
| #1     | .0177546 | .1611570 | .4850741   | .0127269 | .1944445 | .1977478 |
| #2     | .0171606 | .1591745 | .4960199   | .0144211 | .1832523 | .1982532 |
| #3     | .0170608 | .1609257 | .4864129   | .0103380 | .1826656 | .1969484 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0184420 |
| Stddev | .0032963   |
| %RSD   | 17.87404   |
| #1     | .0198872   |
| #2     | .0207689   |
| #3     | .0146699   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2309.832 | 28066.92 | 2569.319 | 1949.306 | 3195.183 |
| Stddev    | 2.793    | 192.96   | 25.776   | 10.804   | 5.713    |
| %RSD      | .1208979 | .6875099 | 1.003213 | .5542383 | .1788132 |
| #1        | 2307.844 | 27853.84 | 2569.094 | 1941.937 | 3189.727 |
| #2        | 2313.025 | 28117.03 | 2543.656 | 1944.273 | 3201.123 |
| #3        | 2308.628 | 28229.88 | 2595.206 | 1961.708 | 3194.699 |

Sample Name: PB165377BL      Acquired: 12/15/2024 18:11:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS377      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034636 | .0015145 | -.001444 | .0018750 | -.001788 | -.017419 | -.000339 |
| Stddev | .0023977 | .0008324 | .002176  | .0055831 | .002141  | .010795  | .001300  |
| %RSD   | 69.22747 | 54.95942 | 150.6656 | 297.7709 | 119.7440 | 61.97299 | 382.8672 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011841 | .0015998 | -.000379 | .0047090 | .000553  | -.008504 | -.000284 |
| #2 | .0032424 | .0006428 | -.000006 | .0054727 | -.002270 | -.029422 | .000932  |
| #3 | .0059642 | .0023010 | -.003948 | -.004557 | -.003646 | -.014332 | -.001666 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000857 | .0000702 | .0469373 | -.000295 | .0000145 | .0054145 | .0102583 |
| Stddev | .0000310 | .0000227 | .0574717 | .000606  | .0003806 | .0084626 | .0499299 |
| %RSD   | 36.17571 | 32.40502 | 122.4436 | 205.6760 | 2625.710 | 156.2953 | 486.7281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001107 | .0000682 | .0478276 | -.000864 | .0004486 | -.002135 | .0065865 |
| #2 | .0000953 | .0000485 | -.010974 | .000343  | -.000143 | .014562  | .0619227 |
| #3 | .0000510 | .0000939 | .103959  | -.000364 | -.000262 | .003817  | -.037734 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000370 | .0621765 | .0003642 | -.000801 | -.033523 | -.007167 | -.006780 |
| Stddev | .001013  | .0260998 | .0008050 | .000314  | .284537  | .012047  | .005093  |
| %RSD   | 274.0312 | 41.97704 | 221.0361 | 39.19566 | 848.7930 | 168.0761 | 75.11570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000748  | .0429362 | .0010481 | -.001157 | -.068017 | .001612  | -.003303 |
| #2 | -.001226 | .0918854 | .0005674 | -.000684 | -.299240 | -.020902 | -.004411 |
| #3 | -.000631 | .0517078 | -.000523 | -.000563 | .266689  | -.002213 | -.012626 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1607653 | .0000688 | .0007185 | -.000032 | -.005527 | .0019105 | -.001179 |
| Stddev | .2148813 | .0023314 | .0016372 | .000439  | .006261  | .0005923 | .000742  |
| %RSD   | 133.6615 | 3388.923 | 227.8469 | 1359.399 | 113.2723 | 31.00115 | 62.96777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2779061 | -.000779 | -.001122 | -.000018 | -.005404 | .0018345 | -.002015 |
| #2 | -.087232 | -.001720 | .002013  | .000399  | .000671  | .0013599 | -.000921 |
| #3 | .291622  | .002706  | .001264  | -.000479 | -.011849 | .0025371 | -.000600 |

Sample Name: PB165377BL      Acquired: 12/15/2024 18:11:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS377      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003006 | .0002627 | -.006775 |
| Stddev | .001414  | .0001539 | .008097  |
| %RSD   | 47.01759 | 58.57811 | 119.5206 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002916 | .0004086 | -.009184 |
| #2 | -.004463 | .0002776 | -.013393 |
| #3 | -.001640 | .0001019 | .002254  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2330.914 | 28354.41 | 2591.498 | 1972.479 | 3251.590 |
| Stddev    | 7.027    | 154.74   | 14.425   | 11.616   | 5.953    |
| %RSD      | .3014644 | .5457346 | .5566422 | .5888906 | .1830717 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2338.944 | 28506.95 | 2598.274 | 1983.673 | 3258.428 |
| #2 | 2327.905 | 28197.56 | 2601.288 | 1960.483 | 3248.778 |
| #3 | 2325.892 | 28358.71 | 2574.932 | 1973.280 | 3247.564 |

Sample Name: PB165377BS      Acquired: 12/15/2024 18:15:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS377      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0204337 | .0475361 | .0199598 | .0555622 | .0921767 | .4053435 |
| Stddev | .0026287 | .0008449 | .0022485 | .0001729 | .0008554 | .0205318 |
| %RSD   | 12.86473 | 1.777324 | 11.26508 | .3111879 | .9280018 | 5.065295 |
| #1     | .0201047 | .0465666 | .0196664 | .0553835 | .0927239 | .4203022 |
| #2     | .0179850 | .0481156 | .0178724 | .0557286 | .0911909 | .4137932 |
| #3     | .0232115 | .0479259 | .0223406 | .0555746 | .0926152 | .3819351 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3894544 | .0097215 | .0090624 | 9.628219 | .0195167 | .0920543 |
| Stddev | .0011923 | .0001792 | .0000629 | .050406  | .0015834 | .0004735 |
| %RSD   | .3061441 | 1.843320 | .6936836 | .5235284 | 8.112877 | .5144233 |
| #1     | .3881508 | .0095341 | .0089923 | 9.590275 | .0179816 | .0917028 |
| #2     | .3904896 | .0098912 | .0090810 | 9.685414 | .0194242 | .0925928 |
| #3     | .3897227 | .0097392 | .0091138 | 9.608969 | .0211443 | .0918674 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0499098 | .1919005 | .0306944 | 9.891359 | .0725755 | .0204088 |
| Stddev | .0063170 | .0473455 | .0015826 | .017041  | .0004546 | .0004107 |
| %RSD   | 12.65674 | 24.67188 | 5.155821 | .1722810 | .6263653 | 2.012204 |
| #1     | .0571996 | .1372391 | .0290519 | 9.908278 | .0721842 | .0204078 |
| #2     | .0464818 | .2184024 | .0322092 | 9.891599 | .0724682 | .0208200 |
| #3     | .0460479 | .2200601 | .0308222 | 9.874199 | .0730742 | .0199987 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.508250 | .0984704 | .0989951 | 9.441698 | .0148338 | F -.000746 |
| Stddev | .603675  | .0091833 | .0048024 | .062426  | .0009700 | .000985    |
| %RSD   | 6.348959 | 9.326002 | 4.851149 | .6611781 | 6.539268 | 132.0403   |
| #1     | 9.220879 | .0970464 | .0937614 | 9.461206 | .0139870 | -.001827   |
| #2     | 10.20192 | .1082826 | .1031993 | 9.371847 | .0158921 | -.000510   |
| #3     | 9.10195  | .0900823 | .1000247 | 9.492041 | .0146223 | .000100    |



Sample Name: PB165377BS      Acquired: 12/15/2024 18:15:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS377      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0174640 | .1581055 | F .4896587 | .0121791 | .1905577 | .1997542 |
| Stddev | .0003152 | .0013977 | .0025218   | .0010268 | .0008802 | .0005381 |
| %RSD   | 1.805139 | .8840570 | .5150209   | 8.431069 | .4619022 | .2693707 |
| #1     | .0178168 | .1581124 | .4874029   | .0111789 | .1904960 | .1992991 |
| #2     | .0173654 | .1567043 | .4923813   | .0121278 | .1897100 | .2003481 |
| #3     | .0172099 | .1594997 | .4891920   | .0132307 | .1914672 | .1996155 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0216420 |
| Stddev | .0063711 |
| %RSD   | 29.43878 |
| #1     | .0163307 |
| #2     | .0287061 |
| #3     | .0198893 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2321.418 | 28057.04 | 2586.628 | 1959.687 | 3219.038 |
| Stddev    | 2.510    | 100.36   | 7.191    | 7.944    | 3.041    |
| %RSD      | .1081042 | .3577021 | .2780032 | .4053529 | .0944697 |
| #1        | 2320.702 | 27946.30 | 2589.978 | 1956.809 | 3216.622 |
| #2        | 2319.344 | 28141.98 | 2578.373 | 1968.669 | 3218.039 |
| #3        | 2324.208 | 28082.85 | 2591.532 | 1953.584 | 3222.453 |

Sample Name: PB165359BL      Acquired: 12/15/2024 18:19:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS359      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006666 | .0021387 | .0018846 | -.000205 | -.001360 | -.026579 | -.000669 |
| Stddev | .0021543 | .0008685 | .0021161 | .002929  | .001194  | .020094  | .000598  |
| %RSD   | 323.1624 | 40.60982 | 112.2885 | 1429.966 | 87.80824 | 75.59912 | 89.33385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001734 | .0011801 | .0008445 | -.002514 | -.002717 | -.009928 | -.000124 |
| #2 | .001302  | .0023627 | .0004897 | .003090  | -.000895 | -.048898 | -.000575 |
| #3 | .002432  | .0028733 | .0043195 | -.001190 | -.000468 | -.020911 | -.001309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001584 | -.000023 | -.015758 | .0003707 | .0001144 | -.008530 | -.012324 |
| Stddev | .0000430 | .000035  | .051931  | .0007063 | .0005314 | .005028  | .017037  |
| %RSD   | 27.14880 | 147.5090 | 329.5520 | 190.5265 | 464.4977 | 58.95070 | 138.2370 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001103 | -.000049 | -.033556 | -.000278 | .0006909 | -.013301 | -.027330 |
| #2 | .0001719 | .000016  | -.056450 | .001123  | .0000081 | -.003279 | -.015838 |
| #3 | .0001930 | -.000037 | .042732  | .000268  | -.000356 | -.009009 | .006195  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001529 | .0550809 | .0002106 | .0002773 | .2493689 | .0034437 | -.011553 |
| Stddev | .001214  | .0109849 | .0002315 | .0013343 | .1770875 | .0130187 | .001371  |
| %RSD   | 79.41983 | 19.94319 | 109.9239 | 481.0888 | 71.01427 | 378.0423 | 11.86378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002486 | .0445848 | .0001009 | .0008477 | .1374529 | -.010739 | -.010283 |
| #2 | -.001938 | .0541611 | .0004765 | .0012317 | .4535365 | .014851  | -.011368 |
| #3 | -.000163 | .0664967 | .0000544 | -.001247 | .1571172 | .006219  | -.013006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2701455 | .0004708 | -.002016 | .0002214 | -.008433 | .0019650 | -.001597 |
| Stddev | .0240641 | .0019473 | .001376  | .0004018 | .002997  | .0007483 | .000579  |
| %RSD   | 8.907817 | 413.6155 | 68.27482 | 181.4867 | 35.53615 | 38.08114 | 36.26402 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2435916 | .0013096 | -.001598 | .0000714 | -.005276 | .0016512 | -.000970 |
| #2 | .2763338 | .0018582 | -.000896 | .0006766 | -.011239 | .0028192 | -.002112 |
| #3 | .2905110 | -.001755 | -.003552 | -.000084 | -.008782 | .0014248 | -.001709 |

Sample Name: PB165359BL      Acquired: 12/15/2024 18:19:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS359      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002769 | .0000928 | -.008880 |
| Stddev | .005137  | .0000874 | .003092  |
| %RSD   | 185.5306 | 94.18209 | 34.82274 |
| #1     | .003111  | .0001841 | -.007849 |
| #2     | -.005027 | .0000845 | -.006435 |
| #3     | -.006390 | .0000099 | -.012355 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2319.918 | 28177.73 | 2604.479 | 1963.123 | 3242.567 |
| Stddev    | 3.155    | 83.10    | 61.965   | 2.565    | 3.078    |
| %RSD      | .1359783 | .2949297 | 2.379158 | .1306686 | .0949321 |
| #1        | 2317.817 | 28142.23 | 2574.835 | 1960.855 | 3241.468 |
| #2        | 2318.391 | 28272.69 | 2562.905 | 1965.907 | 3240.189 |
| #3        | 2323.545 | 28118.29 | 2675.697 | 1962.607 | 3246.044 |

Sample Name: PB165359BS      Acquired: 12/15/2024 18:23:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS359      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0217073 | .0491947 | .0196270 | .0533178 | .0925889 | .3802635 |
| Stddev | .0048209 | .0011412 | .0013645 | .0031865 | .0019940 | .0150138 |
| %RSD   | 22.20879 | 2.319829 | 6.951942 | 5.976520 | 2.153590 | 3.948261 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0163457 | .0505116 | .0211025 | .0508612 | .0903047 | .3971262 |
| #2 | .0230917 | .0484932 | .0193679 | .0569185 | .0939820 | .3683464 |
| #3 | .0256846 | .0485794 | .0184107 | .0521738 | .0934798 | .3753178 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3902492 | .0096547 | .0089895 | 9.624309 | .0202235 | .0912949 |
| Stddev | .0029794 | .0002033 | .0001603 | .048701  | .0004913 | .0003820 |
| %RSD   | .7634665 | 2.105899 | 1.782850 | .5060235 | 2.429570 | .4184292 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3926474 | .0097831 | .0089251 | 9.675559 | .0207908 | .0917343 |
| #2 | .3911864 | .0094203 | .0088715 | 9.618732 | .0199351 | .0910418 |
| #3 | .3869139 | .0097607 | .0091720 | 9.578636 | .0199446 | .0911085 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510558 | .1713515 | .0311262 | 9.950077 | .0719206 | .0204622 |
| Stddev | .0030673 | .0412147 | .0007053 | .097923  | .0004553 | .0000634 |
| %RSD   | 6.007689 | 24.05272 | 2.266105 | .9841429 | .6331264 | .3099031 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0534409 | .1884234 | .0306630 | 10.05508 | .0724187 | .0205345 |
| #2 | .0475957 | .1243439 | .0307776 | 9.86125  | .0718173 | .0204362 |
| #3 | .0521308 | .2012871 | .0319379 | 9.93390  | .0715258 | .0204159 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.635655 | .0932455 | .0994555 | 9.557946 | .0154924 | F -.000833 |
| Stddev | .821308  | .0007594 | .0148663 | .113885  | .0017995 | .001967    |
| %RSD   | 8.523640 | .8144369 | 14.94767 | 1.191525 | 11.61536 | 236.2356   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.32363 | .0934477 | .1012692 | 9.613005 | .0134628 | -.002781 |
| #2 | 8.72637  | .0938834 | .0837656 | 9.426994 | .0168928 | -.000870 |
| #3 | 9.85697  | .0924055 | .1133317 | 9.633839 | .0161217 | .001153  |

Sample Name: PB165359BS      Acquired: 12/15/2024 18:23:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS359      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0176460 | .1550186 | F .4920665 | .0115679 | .1906413 | .1993334 |
| Stddev | .0004032 | .0022241 | .0041881   | .0011031 | .0027769 | .0008736 |
| %RSD   | 2.284722 | 1.434729 | .8511327   | 9.535731 | 1.456636 | .4382569 |
| #1     | .0173219 | .1564179 | .4964855   | .0120681 | .1932960 | .2002316 |
| #2     | .0180975 | .1561839 | .4881557   | .0123323 | .1908717 | .1992819 |
| #3     | .0175186 | .1524540 | .4915582   | .0103033 | .1877564 | .1984867 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0204459 |
| Stddev | .0047854   |
| %RSD   | 23.40495   |
| #1     | .0158373   |
| #2     | .0201101   |
| #3     | .0253903   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2322.121 | 28135.02 | 2588.280 | 1960.542 | 3232.854 |
| Stddev    | 11.960   | 84.87    | 28.122   | 10.165   | 8.297    |
| %RSD      | .5150483 | .3016364 | 1.086522 | .5184849 | .2566588 |
| #1        | 2321.749 | 28127.85 | 2556.621 | 1961.610 | 3230.585 |
| #2        | 2334.263 | 28053.97 | 2597.853 | 1949.885 | 3242.049 |
| #3        | 2310.352 | 28223.25 | 2610.366 | 1970.131 | 3225.926 |

Sample Name: PB165408BL      Acquired: 12/15/2024 18:27:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS408      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039213 | .0013801 | .0009244 | -.001717 | .0000859 | -.019750 | .0000096 |
| Stddev | .0029220 | .0019519 | .0013168 | .002730  | .0026696 | .003175  | .0012089 |
| %RSD   | 74.51536 | 141.4317 | 142.4449 | 158.9837 | 3106.452 | 16.07516 | 12598.11 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034861 | -.000859 | .0006072 | .001320  | .0005324 | -.016153 | .0012872 |
| #2 | .0012413 | .002276  | -.000205 | -.002506 | .0025042 | -.022164 | -.000142 |
| #3 | .0070365 | .002723  | .002371  | -.003966 | -.002779 | -.020932 | -.001116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000902 | .0000600 | -.008436 | .0001501 | -.000120 | .0007108 | .0195408 |
| Stddev | .0000709 | .0000240 | .017880  | .0010617 | .000174  | .0044211 | .0162812 |
| %RSD   | 78.60899 | 40.02072 | 211.9354 | 707.2761 | 145.4726 | 621.9377 | 83.31921 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001472 | .0000325 | -.025522 | -.000552 | -.000009 | .0057173 | .0280253 |
| #2 | .0001126 | .0000771 | .010144  | .001372  | -.000030 | -.002657 | .0298274 |
| #3 | .0000108 | .0000703 | -.009931 | -.000370 | -.000321 | -.000928 | .0007696 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001506 | .0532775 | -.000248 | .0005791 | -.038560 | .0020889 | -.011870 |
| Stddev | .000868  | .0489686 | .000617  | .0000738 | 1.032253 | .0121285 | .011838  |
| %RSD   | 57.66936 | 91.91226 | 248.8393 | 12.73934 | 2676.986 | 580.6162 | 99.72491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002397 | .0105712 | -.000527 | .0006092 | -.346752 | -.011498 | -.000237 |
| #2 | -.000662 | .0425363 | -.000676 | .0004951 | -.881616 | .011823  | -.023902 |
| #3 | -.001459 | .1067251 | .000459  | .0006331 | 1.112686 | .005942  | -.011471 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3204808 | -.001652 | -.002958 | .0004387 | -.008152 | .0012512 | -.001795 |
| Stddev | .1466463 | .000407  | .001396  | .0003614 | .002379  | .0012025 | .001476  |
| %RSD   | 45.75821 | 24.65398 | 47.18463 | 82.39251 | 29.18375 | 96.11409 | 82.20073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2220180 | -.001258 | -.004250 | .0008526 | -.005444 | .0001453 | -.003495 |
| #2 | .2504061 | -.002072 | -.003146 | .0001856 | -.009903 | .0010769 | -.000841 |
| #3 | .4890182 | -.001627 | -.001478 | .0002778 | -.009110 | .0025313 | -.001049 |

Sample Name: PB165408BL      Acquired: 12/15/2024 18:27:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS408      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002233 | .0001975 | -.009396 |
| Stddev | .000615  | .0000408 | .006943  |
| %RSD   | 27.54630 | 20.67157 | 73.88844 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002889 | .0001514 | -.012391 |
| #2 | -.001670 | .0002291 | -.001459 |
| #3 | -.002139 | .0002121 | -.014339 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2319.796 | 28250.21 | 2570.421 | 1963.975 | 3255.174 |
| Stddev    | 6.758    | 96.15    | 8.542    | 6.305    | 12.400   |
| %RSD      | .2913247 | .3403434 | .3323247 | .3210396 | .3809331 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2320.959 | 28349.64 | 2578.637 | 1970.351 | 3255.863 |
| #2 | 2325.897 | 28243.26 | 2571.038 | 1963.832 | 3267.215 |
| #3 | 2312.532 | 28157.72 | 2561.587 | 1957.743 | 3242.444 |

Sample Name: PB165408BS      Acquired: 12/15/2024 18:31:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS408      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0208627 | .0486157 | .0168878 | .0550551 | .0969031 | .4077708 |
| Stddev | .0014573 | .0018509 | .0018954 | .0071726 | .0014842 | .0040527 |
| %RSD   | 6.985145 | 3.807095 | 11.22345 | 13.02807 | 1.531636 | .9938617 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0194967 | .0496424 | .0184215 | .0619193 | .0951969 | .4110413 |
| #2 | .0223967 | .0464791 | .0174732 | .0556363 | .0978959 | .4032369 |
| #3 | .0206947 | .0497257 | .0147688 | .0476095 | .0976165 | .4090341 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3917727 | .0099342 | .0090561 | 9.657341 | .0199329 | .0919765 |
| Stddev | .0006944 | .0001317 | .0000469 | .110262  | .0006314 | .0004116 |
| %RSD   | .1772361 | 1.325222 | .5174382 | 1.141743 | 3.167779 | .4474469 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3916614 | .0100860 | .0090178 | 9.692484 | .0193224 | .0919577 |
| #2 | .3925160 | .0098656 | .0090421 | 9.745748 | .0198930 | .0915746 |
| #3 | .3911407 | .0098510 | .0091084 | 9.533791 | .0205834 | .0923971 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0456237 | .2023339 | .0304110 | 10.15312 | .0716974 | .0198299 |
| Stddev | .0099454 | .0387305 | .0025264 | .10813   | .0003494 | .0011130 |
| %RSD   | 21.79880 | 19.14189 | 8.307627 | 1.064989 | .4872947 | 5.612768 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0566926 | .1660080 | .0302940 | 10.26104 | .0717120 | .0200300 |
| #2 | .0427386 | .1979051 | .0279451 | 10.15356 | .0713409 | .0186304 |
| #3 | .0374397 | .2430884 | .0329939 | 10.04478 | .0720392 | .0208293 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.899030 | .1005988 | .1000637 | 9.729479 | .0167161 | F -.003060 |
| Stddev | .742033  | .0034942 | .0079551 | .130971  | .0012792 | .001148    |
| %RSD   | 7.496016 | 3.473370 | 7.950040 | 1.346126 | 7.652249 | 37.53334   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.722537 | .0979627 | .0908927 | 9.720830 | .0170822 | -.002504 |
| #2 | 10.71340 | .1045621 | .1051001 | 9.603047 | .0152938 | -.002295 |
| #3 | 9.26116  | .0992716 | .1041984 | 9.864560 | .0177723 | -.004380 |



Sample Name: PB165408BS      Acquired: 12/15/2024 18:31:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS408      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0175603 | .1570852 | F .4949146 | .0114232 | .1936510 | .2010279 |
| Stddev | .0006215 | .0033449 | .0009964   | .0010850 | .0024950 | .0011566 |
| %RSD   | 3.539333 | 2.129327 | .2013180   | 9.498233 | 1.288400 | .5753486 |
| #1     | .0182438 | .1544313 | .4939071   | .0124289 | .1929432 | .2021061 |
| #2     | .0170290 | .1559820 | .4958995   | .0102733 | .1915864 | .2011713 |
| #3     | .0174081 | .1608424 | .4949372   | .0115672 | .1964234 | .1998062 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0216338 |
| Stddev | .0049815 |
| %RSD   | 23.02650 |
| #1     | .0271894 |
| #2     | .0175648 |
| #3     | .0201472 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2302.876 | 28007.00 | 2544.900 | 1939.778 | 3203.795 |
| Stddev    | 2.620    | 79.26    | 14.251   | 2.832    | 5.372    |
| %RSD      | .1137630 | .2829871 | .5600002 | .1460017 | .1676608 |
| #1        | 2299.856 | 28054.01 | 2546.819 | 1943.011 | 3200.589 |
| #2        | 2304.232 | 27915.50 | 2529.786 | 1938.585 | 3209.996 |
| #3        | 2304.540 | 28051.50 | 2558.094 | 1937.738 | 3200.799 |

Sample Name: PB165373BL      Acquired: 12/15/2024 18:35:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS373      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019611 | .0011746 | -.000633 | -.000191 | -.001513 | -.022701 | .0007224 |
| Stddev | .0022229 | .0011591 | .002304  | .004486  | .002080  | .009603  | .0005279 |
| %RSD   | 113.3495 | 98.67579 | 363.9370 | 2342.926 | 137.5117 | 42.30066 | 73.07639 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039537 | .0022539 | -.000717 | .003697  | -.002557 | -.017131 | .0011705 |
| #2 | -.000436 | -.000050 | -.002894 | .000827  | .000883  | -.017184 | .0001405 |
| #3 | .002366  | .001320  | .001712  | -.005099 | -.002864 | -.033790 | .0008563 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000001 | .0000425 | -.017746 | .0007197 | .0001036 | .0001048 | -.002287 |
| Stddev | .000124  | .0000096 | .048479  | .0005014 | .0002652 | .0070917 | .012821  |
| %RSD   | 9000.051 | 22.60822 | 273.1764 | 69.67500 | 255.9573 | 6764.990 | 560.5353 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000074 | .0000325 | -.055476 | .0012986 | -.000202 | -.003677 | -.011586 |
| #2 | .000141  | .0000517 | -.034694 | .0004213 | .000271  | .008286  | .012338  |
| #3 | -.000072 | .0000432 | .036931  | .0004391 | .000243  | -.004295 | -.007614 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020168 | .0069904 | .0001252 | .0012111 | .2537445 | .0025819 | -.014930 |
| Stddev | .0019374 | .0457642 | .0000094 | .0003736 | .4652006 | .0172496 | .009068  |
| %RSD   | 96.06397 | 654.6764 | 7.541398 | 30.85161 | 183.3342 | 668.1048 | 60.73530 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025342 | .0051425 | .0001318 | .0007853 | -.139397 | .0223440 | -.014427 |
| #2 | -.000127 | -.037822 | .0001144 | .0014843 | .133312  | -.005145 | -.006124 |
| #3 | .003643  | .053650  | .0001294 | .0013636 | .767319  | -.009453 | -.024239 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1275713 | -.001284 | -.002187 | .0001593 | -.004614 | .0027901 | -.002714 |
| Stddev | .0944882 | .002521  | .001893  | .0002660 | .003551  | .0004589 | .001431  |
| %RSD   | 74.06696 | 196.4423 | 86.58362 | 166.9640 | 76.96280 | 16.44796 | 52.73572 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0771029 | .000173  | -.000601 | .0004018 | -.007838 | .0030356 | -.001119 |
| #2 | .2365773 | .000172  | -.001676 | -.000125 | -.000808 | .0030740 | -.003886 |
| #3 | .0690336 | -.004195 | -.004283 | .000201  | -.005195 | .0022606 | -.003136 |

Sample Name: PB165373BL      Acquired: 12/15/2024 18:35:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS373      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001950 | .0002076 | -.008285 |
| Stddev | .0018962 | .0002617 | .006410  |
| %RSD   | 972.4814 | 126.0922 | 77.37074 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0000767 | -.000010 | -.002471 |
| #2 | .0021476 | .000135  | -.015159 |
| #3 | -.001639 | .000498  | -.007225 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2325.361 | 28102.79 | 2563.013 | 1949.089 | 3245.680 |
| Stddev    | 1.136    | 356.98   | 15.854   | 26.167   | 4.640    |
| %RSD      | .0488519 | 1.270268 | .6185622 | 1.342501 | .1429571 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2325.706 | 28165.37 | 2544.721 | 1957.744 | 3250.996 |
| #2 | 2326.284 | 28424.33 | 2571.528 | 1969.831 | 3242.445 |
| #3 | 2324.092 | 27718.65 | 2572.789 | 1919.691 | 3243.598 |

Sample Name: PB165373BS      Acquired: 12/15/2024 18:39:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS373      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0210009 | .0499943 | .0195116 | .0523439 | .0925672 | .3707225 |
| Stddev | .0030597 | .0003615 | .0028860 | .0042883 | .0040225 | .0080544 |
| %RSD   | 14.56950 | .7230569 | 14.79111 | 8.192641 | 4.345542 | 2.172623 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0211548 | .0501165 | .0226365 | .0505191 | .0918405 | .3727299 |
| #2 | .0178670 | .0502788 | .0169467 | .0492697 | .0889576 | .3775834 |
| #3 | .0239807 | .0495875 | .0189515 | .0572428 | .0969036 | .3618543 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3857945 | .0097901 | .0089067 | 9.541447 | .0193646 | .0914474 |
| Stddev | .0025657 | .0000296 | .0001900 | .018061  | .0006195 | .0009559 |
| %RSD   | .6650384 | .3021581 | 2.132754 | .1892889 | 3.198938 | 1.045319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3837575 | .0098243 | .0088781 | 9.523894 | .0194631 | .0922166 |
| #2 | .3849500 | .0097736 | .0087326 | 9.540471 | .0199289 | .0903772 |
| #3 | .3886760 | .0097725 | .0091093 | 9.559976 | .0187018 | .0917484 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0383048 | .1979875 | .0321982 | 9.996391 | .0712556 | .0201276 |
| Stddev | .0119272 | .0271166 | .0015520 | .058592  | .0003962 | .0005384 |
| %RSD   | 31.13771 | 13.69610 | 4.820169 | .5861308 | .5560305 | 2.675108 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0246326 | .1803582 | .0327032 | 10.01027 | .0711126 | .0198015 |
| #2 | .0437049 | .1843921 | .0304566 | 9.93211  | .0709508 | .0207491 |
| #3 | .0465769 | .2292123 | .0334349 | 10.04680 | .0717035 | .0198323 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.755707 | .0935324 | .1016046 | 9.459422 | .0176009 | F -.003974 |
| Stddev | .950151  | .0156153 | .0056454 | .078940  | .0017804 | .001019    |
| %RSD   | 9.739441 | 16.69510 | 5.556231 | .8345139 | 10.11540 | 25.65270   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.671265 | .0895986 | .0960726 | 9.548326 | .0195833 | -.003919 |
| #2 | 8.850595 | .1107385 | .1013843 | 9.432394 | .0161382 | -.005020 |
| #3 | 10.74526 | .0802602 | .1073569 | 9.397545 | .0170812 | -.002983 |

Sample Name: PB165373BS      Acquired: 12/15/2024 18:39:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS373      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0172625 | .1568443 | F .4860638 | .0106430 | .1871377 | .1976237 |
| Stddev | .0006630 | .0034204 | .0008442   | .0004901 | .0055480 | .0011078 |
| %RSD   | 3.840663 | 2.180780 | .1736796   | 4.605358 | 2.964654 | .5605708 |
| #1     | .0178247 | .1547957 | .4867431   | .0111596 | .1881444 | .1976895 |
| #2     | .0165314 | .1549443 | .4863295   | .0101844 | .1811553 | .1964845 |
| #3     | .0174315 | .1607930 | .4851187   | .0105850 | .1921134 | .1986972 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0177363 |
| Stddev | .0009596   |
| %RSD   | 5.410488   |
| #1     | .0181784   |
| #2     | .0166353   |
| #3     | .0183951   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2332.507 | 28123.35 | 2578.619 | 1949.644 | 3226.159 |
| Stddev    | 13.353   | 96.33    | 3.684    | 5.967    | 21.105   |
| %RSD      | .5724731 | .3425190 | .1428645 | .3060528 | .6541925 |
| #1        | 2322.635 | 28234.44 | 2579.287 | 1955.747 | 3208.977 |
| #2        | 2347.700 | 28072.69 | 2581.924 | 1949.360 | 3249.717 |
| #3        | 2327.186 | 28062.93 | 2574.648 | 1943.824 | 3219.782 |

Sample Name: P5012-17      Acquired: 12/15/2024 18:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0862568 | .0138682 | 10.21266 | .0046705 | .0273367 | 76.07806 |
| Stddev | .0045925 | .0013276 | .01127   | .0012788 | .0019825 | .11939   |
| %RSD   | 5.324209 | 9.572600 | .1103121 | 27.38035 | 7.252301 | .1569354 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0820181 | .0145783 | 10.20014 | .0036732 | .0250835 | 76.02466 |
| #2 | .0911359 | .0123366 | 10.22198 | .0061122 | .0288136 | 76.21483 |
| #3 | .0856165 | .0146897 | 10.21585 | .0042261 | .0281129 | 75.99468 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.257295 | .0066425 | .0091014 | 62.66482 | .1512696 | .1027919 |
| Stddev | .003286  | .0001278 | .0000634 | .32309   | .0010484 | .0006776 |
| %RSD   | .2613190 | 1.923994 | .6966595 | .5155844 | .6930775 | .6592225 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.256397 | .0065250 | .0091246 | 62.32742 | .1500660 | .1022013 |
| #2 | 1.260937 | .0067786 | .0090297 | 62.97139 | .1517590 | .1026428 |
| #3 | 1.254553 | .0066241 | .0091500 | 62.69564 | .1519838 | .1035317 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2638653 | 154.5090 | 6.478957 | 32.65559 | .2420119 | -.009214 |
| Stddev | .0059883 | .4085    | .016016  | .05965   | .0002947 | .000754  |
| %RSD   | 2.269459 | .2643841 | .2471973 | .1826539 | .1217898 | 8.185172 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2705145 | 154.5255 | 6.494666 | 32.62686 | .2417362 | -.010070 |
| #2 | .2621843 | 154.9089 | 6.479555 | 32.72417 | .2423226 | -.008645 |
| #3 | .2588971 | 154.0924 | 6.462651 | 32.61575 | .2419770 | -.008928 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.088426 | .1609862 | 2.343898 | 10.77819 | F 13.47691 | .0126846 |
| Stddev | .251196  | .0050988 | .027781  | .11671   | .00630     | .0026848 |
| %RSD   | 23.07888 | 3.167235 | 1.185255 | 1.082795 | .0467400   | 21.16566 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .817463  | .1583400 | 2.374420 | 10.65242 | 13.48245 | .0134588 |
| #2 | 1.313541 | .1668641 | 2.320087 | 10.88298 | 13.47006 | .0096977 |
| #3 | 1.134273 | .1577544 | 2.337187 | 10.79916 | 13.47821 | .0148971 |

Sample Name: P5012-17      Acquired: 12/15/2024 18:43:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038849 | 3.397539 | 8.108319 | .1688521 | 1.189837 | .0238242 |
| Stddev | .0000713 | .008637  | .063280  | .0001733 | .001447  | .0004097 |
| %RSD   | 1.834704 | .2541998 | .7804342 | .1026248 | .1215862 | 1.719504 |
| #1     | .0038340 | 3.388100 | 8.036095 | .1690347 | 1.189021 | .0239110 |
| #2     | .0038542 | 3.405046 | 8.154029 | .1688316 | 1.188982 | .0241835 |
| #3     | .0039663 | 3.399471 | 8.134834 | .1686899 | 1.191507 | .0233781 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1147477 |
| Stddev | .0032597 |
| %RSD   | 2.840781 |
| #1     | .1110967 |
| #2     | .1157804 |
| #3     | .1173659 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2823.612 | 34218.86 | 3252.497 | 2373.308 | 3056.464 |
| Stddev    | 7.695    | 154.61   | 25.540   | 14.181   | 5.112    |
| %RSD      | .2725288 | .4518326 | .7852370 | .5975294 | .1672469 |
| #1        | 2832.477 | 34285.67 | 3280.838 | 2383.788 | 3062.364 |
| #2        | 2819.711 | 34328.83 | 3245.388 | 2378.965 | 3053.659 |
| #3        | 2818.649 | 34042.08 | 3231.265 | 2357.171 | 3053.368 |

Sample Name: P5012-18      Acquired: 12/15/2024 18:47:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJT9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0979243 | .0080400 | 2.838877 | .0024707 | .0353417 | 69.16943 |
| Stddev | .0035692 | .0023244 | .000848  | .0046004 | .0020770 | .18269   |
| %RSD   | 3.644887 | 28.91088 | .0298791 | 186.1974 | 5.876957 | .2641139 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0959258 | .0053760 | 2.838145 | .0060339 | .0344729 | 69.30125 |
| #2 | .0958020 | .0096555 | 2.839806 | -.002723 | .0377121 | 68.96090 |
| #3 | .1020451 | .0090884 | 2.838678 | .004101  | .0338403 | 69.24614 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.591388 | .0071086 | .0095568 | 77.40014 | .1968122 | .1003500 |
| Stddev | .005063  | .0001463 | .0000894 | .40390   | .0002493 | .0010396 |
| %RSD   | .3181669 | 2.057472 | .9349073 | .5218388 | .1266429 | 1.035954 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.595476 | .0071293 | .0096325 | 77.55572 | .1965562 | .1014520 |
| #2 | 1.585724 | .0069531 | .0095797 | 76.94159 | .1968263 | .1002111 |
| #3 | 1.592963 | .0072435 | .0094582 | 77.70312 | .1970541 | .0993868 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3669935 | 188.1985 | 4.647405 | 33.75371 | .2412761 | -.011897 |
| Stddev | .0007579 | .5206    | .011008  | .09386   | .0012240 | .001184  |
| %RSD   | .2065085 | .2766392 | .2368581 | .2780847 | .5073095 | 9.952855 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3668791 | 188.1576 | 4.639007 | 33.81077 | .2426774 | -.010530 |
| #2 | .3662992 | 187.6995 | 4.643341 | 33.80499 | .2407354 | -.012612 |
| #3 | .3678020 | 188.7384 | 4.659867 | 33.64538 | .2404156 | -.012549 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7795940 | .1867577 | 2.085324 | 7.180475 | F 12.45014 | -.002959 |
| Stddev | .4974927 | .0049083 | .024167  | .105305  | .01158     | .001823  |
| %RSD   | 63.81433 | 2.628190 | 1.158931 | 1.466547 | .0929766   | 61.61640 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.069391 | .1921035 | 2.058741 | 7.070888 | 12.45064 | -.003131 |
| #2 | .205147  | .1857153 | 2.091261 | 7.189636 | 12.43832 | -.004690 |
| #3 | 1.064244 | .1824542 | 2.105970 | 7.280900 | 12.46146 | -.001056 |



Sample Name: P5012-18      Acquired: 12/15/2024 18:47:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJT9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099044 | 5.687358 | 8.874004 | .2389737 | 1.291500 | .0461387 |
| Stddev | .0006017 | .004333  | .035567  | .0011548 | .004024  | .0003698 |
| %RSD   | 6.075252 | .0761884 | .4007953 | .4832338 | .3115908 | .8015623 |
| #1     | .0095725 | 5.682434 | 8.912531 | .2399225 | 1.286939 | .0457141 |
| #2     | .0105990 | 5.690589 | 8.842423 | .2376879 | 1.293008 | .0463904 |
| #3     | .0095417 | 5.689050 | 8.867057 | .2393106 | 1.294552 | .0463116 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1101406 |
| Stddev | .0036482 |
| %RSD   | 3.312277 |
| #1     | .1089276 |
| #2     | .1072535 |
| #3     | .1142408 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2621.043 | 31963.62 | 2980.926 | 2209.514 | 3064.709 |
| Stddev    | 4.302    | 54.02    | 13.103   | 11.180   | 6.142    |
| %RSD      | .1641222 | .1690150 | .4395498 | .5059843 | .2004150 |
| #1        | 2617.462 | 32017.49 | 2971.671 | 2220.006 | 3057.710 |
| #2        | 2625.815 | 31963.92 | 2995.919 | 2210.782 | 3069.203 |
| #3        | 2619.853 | 31909.45 | 2975.189 | 2197.755 | 3067.214 |

Sample Name: P5012-19      Acquired: 12/15/2024 18:51:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0897685 | .0065332 | 2.169439 | .0042829 | .0300490 | 58.86769 | 1.301166 |
| Stddev | .0033907 | .0011927 | .012305  | .0056187 | .0023196 | .11910   | .006268  |
| %RSD   | 3.777116 | 18.25617 | .5672023 | 131.1894 | 7.719411 | .2023115 | .4817306 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0936390 | .0052886 | 2.156645 | -.001959 | .0274369 | 58.73655 | 1.297094 |
| #2 | .0883442 | .0066447 | 2.170484 | .005871  | .0318682 | 58.89739 | 1.298020 |
| #3 | .0873223 | .0076661 | 2.181189 | .008936  | .0308417 | 58.96912 | 1.308384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060075 | .0073883 | 63.96481 | .1602444 | .0847774 | .2809324 | 168.9002 |
| Stddev | .0001729 | .0001414 | .17440   | .0006744 | .0005193 | .0071496 | .6007    |
| %RSD   | 2.878370 | 1.913691 | .2726512 | .4208759 | .6125959 | 2.544944 | .3556577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059045 | .0072983 | 63.85176 | .1600738 | .0842412 | .2728732 | 168.4327 |
| #2 | .0062071 | .0073153 | 63.87701 | .1596717 | .0852781 | .2865122 | 168.6902 |
| #3 | .0059109 | .0075513 | 64.16566 | .1609878 | .0848128 | .2834118 | 169.5777 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.213753 | 30.26586 | .1935840 | -.009904 | .4580694 | .1540575 | 1.651126 |
| Stddev | .018196  | .08020   | .0007308 | .001274  | .4867761 | .0124232 | .004739  |
| %RSD   | .4318261 | .2649825 | .3775227 | 12.86463 | 106.2669 | 8.064027 | .2870098 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.197205 | 30.25904 | .1929441 | -.010528 | .6718087 | .1405897 | 1.648754 |
| #2 | 4.210815 | 30.18928 | .1943804 | -.008438 | -.099009 | .1565134 | 1.648041 |
| #3 | 4.233240 | 30.34925 | .1934275 | -.010747 | .801408  | .1650693 | 1.656583 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.113958 | 9.894857 | -.010201 | .0076044 | 4.086802 | 9.490909 | .0932338 |
| Stddev | .107481  | .072164  | .000993  | .0004788 | .017015  | .010722  | .0011680 |
| %RSD   | 2.101717 | .7293092 | 9.731086 | 6.296807 | .4163301 | .1129741 | 1.252744 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.079291 | 9.815121 | -.009232 | .0075119 | 4.067156 | 9.491017 | .0919426 |
| #2 | 5.028089 | 9.913768 | -.011216 | .0071786 | 4.096835 | 9.501577 | .0942168 |
| #3 | 5.234494 | 9.955683 | -.010154 | .0081227 | 4.096413 | 9.480133 | .0935420 |

Sample Name: P5012-19      Acquired: 12/15/2024 18:51:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.162799 | .0089013 | .0935563 |
| Stddev | .007198  | .0003992 | .0081772 |
| %RSD   | .6190623 | 4.484618 | 8.740372 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.161928 | .0087975 | .0915739 |
| #2 | 1.156076 | .0085642 | .1025424 |
| #3 | 1.170394 | .0093421 | .0865526 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2541.487 | 31090.71 | 2880.494 | 2155.825 | 3075.792 |
| Stddev    | 6.154    | 88.81    | 4.128    | 14.597   | 11.015   |
| %RSD      | .2421399 | .2856549 | .1433182 | .6770886 | .3581116 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2544.213 | 31037.95 | 2885.012 | 2143.100 | 3085.286 |
| #2 | 2545.807 | 31193.24 | 2876.918 | 2171.760 | 3078.373 |
| #3 | 2534.441 | 31040.93 | 2879.554 | 2152.617 | 3063.715 |

Sample Name: P5012-20      Acquired: 12/15/2024 18:55:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1103386 | .0162644 | 2.842377 | -.001475 | .0282688 | 66.49128 |
| Stddev | .0033841 | .0048526 | .003219  | .004780  | .0041110 | .36127   |
| %RSD   | 3.066974 | 29.83560 | .1132340 | 324.1216 | 14.54266 | .5433386 |
| #1     | .1099070 | .0193498 | 2.841023 | -.005279 | .0308695 | 66.23115 |
| #2     | .1139178 | .0187722 | 2.840057 | .003891  | .0235293 | 66.90377 |
| #3     | .1071911 | .0106710 | 2.846052 | -.003037 | .0304077 | 66.33891 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.680520 | .0070333 | .0088517 | 130.5810 | .1594406 | .1063218 |
| Stddev | .010527  | .0000055 | .0001037 | .5265    | .0011947 | .0005044 |
| %RSD   | .6264230 | .0786353 | 1.171851 | .4031905 | .7492904 | .4743718 |
| #1     | 1.675623 | .0070395 | .0089249 | 130.1903 | .1582328 | .1068887 |
| #2     | 1.692604 | .0070313 | .0087330 | 131.1797 | .1606217 | .1061540 |
| #3     | 1.673334 | .0070290 | .0088971 | 130.3730 | .1594674 | .1059228 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3559207 | 185.5842 | 5.360271 | 50.87773 | .2218921 | -.010425 |
| Stddev | .0069320 | .8869    | .032646  | .37900   | .0007511 | .000400  |
| %RSD   | 1.947618 | .4778706 | .6090273 | .7449223 | .3385070 | 3.832430 |
| #1     | .3527223 | 185.4022 | 5.349115 | 50.57788 | .2227586 | -.009969 |
| #2     | .3638745 | 186.5479 | 5.397032 | 51.30371 | .2214269 | -.010593 |
| #3     | .3511654 | 184.8025 | 5.334666 | 50.75159 | .2214907 | -.010713 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5937152 | .1899309 | 1.900200 | 5.241804 | F 10.98552 | .0152333 |
| Stddev | .2970891 | .0064978 | .015226  | .108631  | .01538     | .0032309 |
| %RSD   | 50.03900 | 3.421145 | .8012712 | 2.072388 | .1399994   | 21.20942 |
| #1     | .8695125 | .1891746 | 1.885305 | 5.357061 | 10.96871   | .0189542 |
| #2     | .2791422 | .1967738 | 1.899559 | 5.141311 | 10.98896   | .0136077 |
| #3     | .6324910 | .1838444 | 1.915737 | 5.227040 | 10.99889   | .0131381 |

Sample Name: P5012-20      Acquired: 12/15/2024 18:55:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0114650 | 4.776345 | 9.216245 | .1413043 | 1.235093 | .1212163 |
| Stddev | .0004993 | .011783  | .020577  | .0021496 | .006632  | .0013226 |
| %RSD   | 4.354956 | .2466847 | .2232669 | 1.521284 | .5369610 | 1.091122 |
| #1     | .0118146 | 4.765223 | 9.217796 | .1432692 | 1.233567 | .1203107 |
| #2     | .0108931 | 4.788693 | 9.236002 | .1390084 | 1.242355 | .1227341 |
| #3     | .0116871 | 4.775119 | 9.194936 | .1416353 | 1.229357 | .1206041 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1060882 |
| Stddev | .0045357 |
| %RSD   | 4.275409 |
| #1     | .1021506 |
| #2     | .1050663 |
| #3     | .1110477 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2575.817 | 31288.38 | 2931.992 | 2168.430 | 2998.922 |
| Stddev    | 3.525    | 36.40    | 5.165    | 8.180    | 5.326    |
| %RSD      | .1368370 | .1163505 | .1761678 | .3772107 | .1776080 |
| #1        | 2573.922 | 31286.19 | 2937.434 | 2174.108 | 2998.251 |
| #2        | 2579.883 | 31325.83 | 2927.158 | 2172.128 | 3004.552 |
| #3        | 2573.644 | 31253.12 | 2931.384 | 2159.055 | 2993.963 |

Sample Name: P5012-21      Acquired: 12/15/2024 18:58:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0906189 | .0163906 | 2.361956 | -.009483 | .0273626 | 61.83587 | 1.888526 |
| Stddev | .0013246 | .0024121 | .001090  | .005973  | .0029629 | .18437   | .003220  |
| %RSD   | 1.461706 | 14.71647 | .0461623 | 62.98740 | 10.82814 | .2981589 | .1705205 |
| #1     | .0893559 | .0191150 | 2.362641 | -.012023 | .0245380 | 61.62306 | 1.885317 |
| #2     | .0905032 | .0145269 | 2.362527 | -.013767 | .0271031 | 61.94744 | 1.888504 |
| #3     | .0919975 | .0155297 | 2.360698 | -.002660 | .0304467 | 61.93711 | 1.891757 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070960 | .0085189 | 223.8502 | .1417994 | .1158534 | .3105641 | 188.7253 |
| Stddev | .0000776 | .0000883 | .4667    | .0005900 | .0004463 | .0012389 | .7907    |
| %RSD   | 1.093162 | 1.036155 | .2084740 | .4160910 | .3852185 | .3989018 | .4189580 |
| #1     | .0070086 | .0086196 | 223.3117 | .1420333 | .1163299 | .3115962 | 187.8247 |
| #2     | .0071227 | .0084550 | 224.1013 | .1422367 | .1157849 | .3109059 | 189.3054 |
| #3     | .0071567 | .0084822 | 224.1375 | .1411284 | .1154453 | .3091903 | 189.0458 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.517290 | 50.68648 | .3316666 | -.010329 | 1.290734 | .1654650 | 1.819921 |
| Stddev | .011329  | .15311   | .0015548 | .001085  | .634411  | .0146711 | .010105  |
| %RSD   | .2053275 | .3020663 | .4687831 | 10.50318 | 49.15119 | 8.866605 | .5552539 |
| #1     | 5.504355 | 50.82369 | .3327798 | -.009077 | 1.160264 | .1606455 | 1.823860 |
| #2     | 5.522066 | 50.52132 | .3323298 | -.010947 | .731701  | .1819396 | 1.827463 |
| #3     | 5.525448 | 50.71442 | .3298902 | -.010964 | 1.980237 | .1538099 | 1.808440 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.886158 | 8.156210 | .0158331 | .0150903 | 3.350474 | 10.14499 | .0776941 |
| Stddev | .180742  | .016922  | .0019091 | .0003793 | .012048  | .02740   | .0019894 |
| %RSD   | 3.699052 | .2074786 | 12.05744 | 2.513855 | .3596050 | .2701007 | 2.560498 |
| #1     | 4.764993 | 8.159314 | .0142785 | .0147686 | 3.353893 | 10.11653 | .0792244 |
| #2     | 5.093903 | 8.171366 | .0152569 | .0149938 | 3.360443 | 10.14725 | .0754453 |
| #3     | 4.799579 | 8.137951 | .0179639 | .0155086 | 3.337085 | 10.17119 | .0784124 |

Sample Name: P5012-21      Acquired: 12/15/2024 18:58:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.575099 | .3150772 | .1042521 |
| Stddev | .013842  | .0006026 | .0041498 |
| %RSD   | .8787787 | .1912676 | 3.980568 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.571118 | .3150367 | .1028172 |
| #2 | 1.563683 | .3156990 | .1089289 |
| #3 | 1.590494 | .3144958 | .1010101 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2464.064 | 30150.99 | 2845.967 | 2086.449 | 2897.192 |
| Stddev    | 4.954    | 28.15    | 10.783   | 3.377    | 8.051    |
| %RSD      | .2010382 | .0933479 | .3788828 | .1618615 | .2778990 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2458.497 | 30155.67 | 2857.702 | 2087.827 | 2890.846 |
| #2 | 2467.988 | 30176.50 | 2843.702 | 2082.600 | 2894.481 |
| #3 | 2465.706 | 30120.80 | 2836.496 | 2088.919 | 2906.249 |

Sample Name: P5012-22      Acquired: 12/15/2024 19:02:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0864969 | .0121776 | 1.871540 | -.005746 | .0305104 | 55.61931 | 1.379338 |
| Stddev | .0018603 | .0029878 | .004332  | .002240  | .0035623 | .56976   | .012720  |
| %RSD   | 2.150722 | 24.53518 | .2314687 | 38.97604 | 11.67573 | 1.024401 | .9221936 |
| #1     | .0846237 | .0128705 | 1.872224 | -.005768 | .0299583 | 55.68405 | 1.379931 |
| #2     | .0883440 | .0147580 | 1.866906 | -.007974 | .0272564 | 55.01993 | 1.366332 |
| #3     | .0865229 | .0089042 | 1.875488 | -.003495 | .0343166 | 56.15393 | 1.391751 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070853 | .0067965 | 126.4401 | .1334942 | .0969175 | .3074825 | 186.1554 |
| Stddev | .0000563 | .0000640 | 1.3834   | .0047066 | .0003143 | .0031590 | 1.9311   |
| %RSD   | .7941563 | .9414935 | 1.094153 | 3.525673 | .3243073 | 1.027382 | 1.037336 |
| #1     | .0070841 | .0067620 | 126.7403 | .1305650 | .0967727 | .3047749 | 186.5632 |
| #2     | .0070297 | .0068704 | 124.9312 | .1389233 | .0967018 | .3067195 | 184.0530 |
| #3     | .0071422 | .0067572 | 127.6488 | .1309945 | .0972782 | .3109532 | 187.8499 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.950270 | 48.89854 | .2389908 | -.012100 | 2.045462 | .1730504 | 1.395138 |
| Stddev | .038988  | .30818   | .0013973 | .001600  | .567858  | .0085661 | .047104  |
| %RSD   | .9869731 | .6302402 | .5846457 | 13.22163 | 27.76187 | 4.950061 | 3.376326 |
| #1     | 3.950109 | 48.96398 | .2390637 | -.010993 | 1.883557 | .1785703 | 1.369211 |
| #2     | 3.911363 | 48.56290 | .2375585 | -.013934 | 1.576139 | .1773985 | 1.449510 |
| #3     | 3.989339 | 49.16875 | .2403501 | -.011372 | 2.676690 | .1631823 | 1.366694 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.524763 | 7.692525 | .0054291 | .0105717 | 3.153478 | 9.019652 | .0824056 |
| Stddev | .070622  | .036441  | .0035964 | .0003155 | .018564  | .085493  | .0003752 |
| %RSD   | 1.560792 | .4737238 | 66.24335 | 2.984442 | .5886886 | .9478518 | .4553123 |
| #1     | 4.511279 | 7.666981 | .0081688 | .0109160 | 3.133387 | 8.922685 | .0822149 |
| #2     | 4.461856 | 7.676338 | .0013565 | .0105026 | 3.157051 | 9.052104 | .0828379 |
| #3     | 4.601156 | 7.734256 | .0067620 | .0102965 | 3.169996 | 9.084168 | .0821641 |



Sample Name: P5012-22      Acquired: 12/15/2024 19:02:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.480367 | .1347533 | .0854487 |
| Stddev | .009258  | .0011857 | .0073018 |
| %RSD   | .6253952 | .8799230 | 8.545185 |
| #1     | 1.488680 | .1346565 | .0898094 |
| #2     | 1.470390 | .1336189 | .0895177 |
| #3     | 1.482032 | .1359845 | .0770190 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2483.969 | 30390.46 | 2843.119 | 2090.002 | 2985.433 |
| Stddev    | 5.678    | 904.46   | 17.479   | 69.857   | 10.375   |
| %RSD      | .2285744 | 2.976122 | .6147884 | 3.342444 | .3475158 |
| #1        | 2477.618 | 31091.20 | 2854.273 | 2139.351 | 2980.217 |
| #2        | 2488.554 | 29369.44 | 2852.109 | 2010.069 | 2997.380 |
| #3        | 2485.736 | 30710.74 | 2822.974 | 2120.586 | 2978.701 |

Sample Name: P4907-01A      Acquired: 12/15/2024 19:06:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHE1A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1229294 | .0278922 | 1.422318 | .0339170 | .0235576 | 94.93577 |
| Stddev | .0040943 | .0032479 | .007727  | .0071753 | .0031906 | .11697   |
| %RSD   | 3.330633 | 11.64455 | .5432643 | 21.15536 | 13.54364 | .1232131 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1247020 | .0243782 | 1.418402 | .0422013 | .0235160 | 94.91463 |
| #2 | .1258388 | .0307840 | 1.417332 | .0298842 | .0267688 | 95.06187 |
| #3 | .1182475 | .0285143 | 1.431219 | .0296654 | .0203881 | 94.83080 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.931320 | .0144296 | .0101184 | 277.9015 | .1533782 | .1287007 |
| Stddev | .004396  | .0000429 | .0001634 | .7432    | .0038416 | .0008076 |
| %RSD   | .2276392 | .2971871 | 1.614472 | .2674265 | 2.504685 | .6275262 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.933159 | .0144046 | .0101174 | 277.8620 | .1552493 | .1278046 |
| #2 | 1.934498 | .0144051 | .0099555 | 277.1788 | .1559258 | .1293723 |
| #3 | 1.926302 | .0144792 | .0102822 | 278.6636 | .1489595 | .1289253 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.577661 | 174.0677 | 10.17936 | 82.18575 | .2182752 | -.009143 |
| Stddev | .021815  | .3620    | .03190   | .33353   | .0017001 | .000739  |
| %RSD   | 1.382713 | .2079412 | .3133577 | .4058197 | .7788743 | 8.084474 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.602769 | 174.3368 | 10.20906 | 82.55574 | .2174005 | -.008964 |
| #2 | 1.566852 | 174.2101 | 10.18337 | 82.09336 | .2171905 | -.009955 |
| #3 | 1.563361 | 173.6562 | 10.14564 | 81.90817 | .2202345 | -.008510 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7201231 | .2012830 | 4.347097 | 12.19097 | F 16.53562 | .0139819 |
| Stddev | .1134782 | .0032064 | .111379  | .07443   | .05126     | .0005627 |
| %RSD   | 15.75816 | 1.592967 | 2.562155 | .6105320 | .3099820   | 4.024712 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8396762 | .2007813 | 4.426448 | 12.25403 | 16.48295 | .0135277 |
| #2 | .7067964 | .1983571 | 4.395073 | 12.21002 | 16.53855 | .0146114 |
| #3 | .6138967 | .2047107 | 4.219769 | 12.10887 | 16.58534 | .0138066 |

Sample Name: P4907-01A      Acquired: 12/15/2024 19:06:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHE1A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044168 | 3.970727 | 9.365105 | .1035796 | .9897947 | .2514076 |
| Stddev | .0003085 | .022567  | .024510  | .0012311 | .0049457 | .0010243 |
| %RSD   | 6.984759 | .5683359 | .2617204 | 1.188578 | .4996671 | .4074194 |
| #1     | .0045677 | 3.947375 | 9.357031 | .1048205 | .9934587 | .2519435 |
| #2     | .0046209 | 3.972387 | 9.392634 | .1023585 | .9917563 | .2520528 |
| #3     | .0040619 | 3.992418 | 9.345651 | .1035599 | .9841692 | .2502265 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1658521 |
| Stddev | .0021413 |
| %RSD   | 1.291098 |
| #1     | .1682286 |
| #2     | .1652550 |
| #3     | .1640728 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2723.347 | 33274.35 | 3141.308 | 2305.247 | 2850.948 |
| Stddev    | 6.023    | 677.48   | 5.112    | 48.079   | 12.984   |
| %RSD      | .2211713 | 2.036031 | .1627311 | 2.085653 | .4554271 |
| #1        | 2725.023 | 32932.67 | 3138.980 | 2274.570 | 2859.295 |
| #2        | 2728.354 | 32835.75 | 3147.169 | 2280.513 | 2857.560 |
| #3        | 2716.663 | 34054.63 | 3137.773 | 2360.659 | 2835.989 |

Sample Name: P5067-01DLX2      Acquired: 12/15/2024 19:10:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0371012 | .0907126 | .2096007 | .0702438 | .1818476 | 72.32734 |
| Stddev | .0034052 | .0073368 | .0026777 | .0059257 | .0033444 | .23046   |
| %RSD   | 9.178168 | 8.087944 | 1.277509 | 8.435837 | 1.839127 | .3186290 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0408621 | .0857018 | .2076483 | .0768723 | .1780076 | 72.30071 |
| #2 | .0342272 | .0873021 | .2126532 | .0654597 | .1841219 | 72.56995 |
| #3 | .0362143 | .0991339 | .2085005 | .0683994 | .1834135 | 72.11136 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4822183 | .0055355 | .0075676 | F 1127.289 | 5.964658 | .0881320 |
| Stddev | .0019354 | .0000839 | .0001341 | 3.284      | .004514  | .0002262 |
| %RSD   | .4013473 | 1.515905 | 1.772064 | .2913450   | .0756819 | .2566978 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4818339 | .0055291 | .0076217 | 1128.137 | 5.965876 | .0883755 |
| #2 | .4843170 | .0056224 | .0074149 | 1130.065 | 5.968438 | .0880923 |
| #3 | .4805040 | .0054550 | .0076661 | 1123.663 | 5.959659 | .0879283 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | -.039846 | 750.5274 | F 121.8084 | 200.2915 | .2051224 | -.042445 |
| Stddev | .004996  | 3.3515   | .4640      | .9858    | .0009098 | .001253  |
| %RSD   | 12.53949 | .4465522 | .3809061   | .4922060 | .4435606 | 2.951879 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.036791 | 748.1990 | 121.4389 | 199.6591 | .2045939 | -.043705 |
| #2 | -.045612 | 754.3686 | 122.3291 | 201.4275 | .2046004 | -.041199 |
| #3 | -.037135 | 749.0146 | 121.6571 | 199.7881 | .2061730 | -.042432 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.257505 | 2.480733 | .2469434 | 1.216413 | F 13.91096 | .1199205 |
| Stddev | .371280  | .012078  | .0144875 | .133346  | .04812     | .0091358 |
| %RSD   | 16.44648 | .4868677 | 5.866715 | 10.96222 | .3458876   | 7.618225 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.509077 | 2.492956 | .2312638 | 1.079136 | 13.89009 | .1097871 |
| #2 | 2.432357 | 2.468806 | .2497336 | 1.224658 | 13.87681 | .1224478 |
| #3 | 1.831082 | 2.480436 | .2598328 | 1.345445 | 13.96599 | .1275267 |

Sample Name: P5067-01DLX2      Acquired: 12/15/2024 19:10:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0156429 | 29.38566 | 5.818286 | .0947211 | 11.37351 | .5282161 |
| Stddev | .0006151 | .08371   | .051779  | .0011118 | .05823   | .0014280 |
| %RSD   | 3.931980 | .2848773 | .8899312 | 1.173724 | .5119675 | .2703486 |
| #1     | .0156149 | 29.36397 | 5.818652 | .0955100 | 11.30844 | .5266634 |
| #2     | .0162715 | 29.31492 | 5.869880 | .0952037 | 11.42071 | .5294732 |
| #3     | .0150423 | 29.47808 | 5.766325 | .0934496 | 11.39137 | .5285116 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1284287 |
| Stddev | .0018315 |
| %RSD   | 1.426100 |
| #1     | .1271669 |
| #2     | .1305294 |
| #3     | .1275899 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2114.931 | 26490.67 | 2595.708 | 1804.954 | 2641.177 |
| Stddev    | 5.149    | 23.78    | 9.411    | 3.067    | 7.053    |
| %RSD      | .2434805 | .0897490 | .3625595 | .1699308 | .2670472 |
| #1        | 2118.157 | 26473.44 | 2593.289 | 1801.419 | 2641.036 |
| #2        | 2117.643 | 26517.79 | 2587.742 | 1806.535 | 2648.300 |
| #3        | 2108.992 | 26480.77 | 2606.092 | 1806.909 | 2634.196 |

Sample Name: P5067-02DLX2      Acquired: 12/15/2024 19:14:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0410587 | .0840360 | .2939146 | .0516553 | .1877096 | 72.82333 |
| Stddev | .0013959 | .0049765 | .0036240 | .0055306 | .0018430 | .43948   |
| %RSD   | 3.399771 | 5.921825 | 1.232999 | 10.70681 | .9818602 | .6034922 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0414392 | .0862859 | .2979865 | .0532229 | .1895447 | 73.33017 |
| #2 | .0422248 | .0783319 | .2910432 | .0455100 | .1858587 | 72.54785 |
| #3 | .0395119 | .0874903 | .2927142 | .0562328 | .1877254 | 72.59199 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6956292 | .0107868 | .0089529 | F 1043.632 | 6.270912 | .0901542 |
| Stddev | .0040880 | .0001734 | .0002486 | 4.525      | .016801  | .0009170 |
| %RSD   | .5876651 | 1.607551 | 2.776341 | .4335772   | .2679205 | 1.017120 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6999380 | .0109747 | .0088423 | 1048.793 | 6.252854 | .0911046 |
| #2 | .6918053 | .0106330 | .0092376 | 1041.760 | 6.286082 | .0892748 |
| #3 | .6951445 | .0107526 | .0087788 | 1040.344 | 6.273801 | .0900830 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0129507 | 744.3764 | F 93.31770 | 188.6808 | .5564657 | -.047367 |
| Stddev | .0019104 | 5.2757   | .65450     | 1.0366   | .0003452 | .000739  |
| %RSD   | 14.75141 | .7087356 | .7013622   | .5493844 | .0620254 | 1.560792 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0113595 | 750.2260 | 94.04703 | 189.8733 | .5560688 | -.047535 |
| #2 | .0150695 | 739.9788 | 92.78149 | 187.9955 | .5566950 | -.046558 |
| #3 | .0124231 | 742.9245 | 93.12460 | 188.1735 | .5566334 | -.048008 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.968108 | .9591334 | .2107943 | 2.773378 | 8.445073 | .3480306 |
| Stddev | .456042  | .0141296 | .0036932 | .151986  | .025440  | .0028635 |
| %RSD   | 15.36474 | 1.473162 | 1.752019 | 5.480165 | .3012400 | .8227646 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.460178 | .9663776 | .2130009 | 2.815408 | 8.417087 | .3509632 |
| #2 | 3.101742 | .9428509 | .2065307 | 2.899926 | 8.451333 | .3478870 |
| #3 | 3.342403 | .9681717 | .2128513 | 2.604800 | 8.466798 | .3452416 |

Sample Name: P5067-02DLX2      Acquired: 12/15/2024 19:14:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0305275 | 42.56692 | 5.124770 | .0845466 | 7.773347 | .0449362 |
| Stddev | .0006328 | .09610   | .037011  | .0002169 | .069423  | .0005844 |
| %RSD   | 2.072826 | .2257616 | .7221998 | .2565929 | .8930921 | 1.300589 |
| #1     | .0311137 | 42.53842 | 5.154714 | .0847571 | 7.853509 | .0453348 |
| #2     | .0298567 | 42.48829 | 5.083391 | .0845591 | 7.733626 | .0442653 |
| #3     | .0306122 | 42.67405 | 5.136205 | .0843237 | 7.732906 | .0452085 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1382725 |
| Stddev | .0020132 |
| %RSD   | 1.455938 |
| #1     | .1375289 |
| #2     | .1367369 |
| #3     | .1405517 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2148.354 | 27070.07 | 2648.455 | 1845.385 | 2656.987 |
| Stddev    | 1.447    | 162.46   | 25.423   | 15.695   | 1.398    |
| %RSD      | .0673651 | .6001452 | .9599281 | .8505144 | .0526175 |
| #1        | 2148.396 | 26986.94 | 2621.593 | 1835.278 | 2655.933 |
| #2        | 2146.887 | 26965.99 | 2672.142 | 1837.410 | 2656.455 |
| #3        | 2149.780 | 27257.27 | 2651.629 | 1863.467 | 2658.573 |

Sample Name: P5067-03DLX2      Acquired: 12/15/2024 19:17:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0243544 | .0444499 | .1309664 | -.006483 | .0414518 | 43.03429 | .4613443 |
| Stddev | .0043578 | .0045160 | .0016823 | .005551  | .0012793 | .28562   | .0027433 |
| %RSD   | 17.89352 | 10.15987 | 1.284562 | 85.63153 | 3.086253 | .6636931 | .5946361 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0293320 | .0414319 | .1299430 | -.000185 | .0404204 | 42.77059 | .4584996 |
| #2 | .0225042 | .0496418 | .1329080 | -.010666 | .0428834 | 42.99462 | .4615599 |
| #3 | .0212268 | .0422761 | .1300480 | -.008597 | .0410516 | 43.33767 | .4639735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046417 | .0029277 | 519.9265 | 1.160363 | .0693649 | .0454895 | 233.0073 |
| Stddev | .0001006 | .0001595 | 3.2952   | .003262  | .0005576 | .0038089 | 1.2943   |
| %RSD   | 2.168020 | 5.447948 | .6337728 | .2811374 | .8039183 | 8.373221 | .5554941 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045348 | .0027998 | 516.4146 | 1.158102 | .0698189 | .0494322 | 231.6970 |
| #2 | .0046557 | .0031064 | 520.4144 | 1.164103 | .0687425 | .0418302 | 233.0399 |
| #3 | .0047346 | .0028768 | 522.9504 | 1.158884 | .0695334 | .0452060 | 234.2851 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 27.60236 | 102.2063 | .1234077 | -.012824 | 1.331236 | .3775655 | .1801232 |
| Stddev | .17236   | .7596    | .0009163 | .000724  | .593060  | .0129954 | .0070538 |
| %RSD   | .6244512 | .7432485 | .7425026 | 5.643656 | 44.54961 | 3.441896 | 3.916073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.43833 | 101.4220 | .1232748 | -.013634 | 1.987173 | .3737137 | .1867877 |
| #2 | 27.58675 | 102.2583 | .1225651 | -.012240 | .832884  | .3920514 | .1727359 |
| #3 | 27.78200 | 102.9386 | .1243832 | -.012599 | 1.173650 | .3669314 | .1808459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.533116 | 3.144882 | .1467260 | .0126694 | 14.01009 | 7.997074 | .0284796 |
| Stddev | .135280  | .025616  | .0027876 | .0009698 | .08779   | .018542  | .0011567 |
| %RSD   | 5.340456 | .8145362 | 1.899879 | 7.654290 | .6265966 | .2318636 | 4.061488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.530134 | 3.123080 | .1462084 | .0115685 | 13.97265 | 8.013332 | .0275190 |
| #2 | 2.399351 | 3.138471 | .1442335 | .0130425 | 13.94722 | 8.001011 | .0297636 |
| #3 | 2.669862 | 3.173094 | .1497361 | .0133971 | 14.11039 | 7.976879 | .0281564 |



Sample Name: P5067-03DLX2      Acquired: 12/15/2024 19:17:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.503801 | .4696285 | .0898979 |
| Stddev | .013285  | .0037585 | .0036055 |
| %RSD   | .5306130 | .8003234 | 4.010718 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.489530 | .4661491 | .0881728 |
| #2 | 2.506064 | .4691217 | .0940420 |
| #3 | 2.515810 | .4736148 | .0874791 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2267.212 | 27767.04 | 2641.550 | 1923.935 | 2821.945 |
| Stddev    | 15.861   | 49.84    | 10.157   | 8.256    | 22.956   |
| %RSD      | .6995816 | .1794874 | .3845204 | .4291160 | .8134896 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2277.183 | 27810.07 | 2635.484 | 1932.954 | 2838.166 |
| #2 | 2275.531 | 27712.43 | 2653.277 | 1916.750 | 2831.990 |
| #3 | 2248.922 | 27778.62 | 2635.891 | 1922.103 | 2795.678 |

Sample Name: CCV030      Acquired: 12/15/2024 19:21:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV030      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.816856 | 4.854990 | 23.80364 | 4.595654 | 4.632597 | 390.6082 | 9.816482 |
| Stddev | .009982  | .011785  | .05037   | .009603  | .005861  | 1.4290   | .019846  |
| %RSD   | .2072397 | .2427298 | .2116195 | .2089505 | .1265186 | .3658376 | .2021748 |
| #1     | 4.815840 | 4.841718 | 23.75317 | 4.595120 | 4.628340 | 390.1492 | 9.810479 |
| #2     | 4.827308 | 4.864228 | 23.85391 | 4.605513 | 4.639282 | 392.2103 | 9.838636 |
| #3     | 4.807421 | 4.859024 | 23.80383 | 4.586330 | 4.630169 | 389.4651 | 9.800329 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.775143 | 2.381883 | 398.9024 | 14.75127 | 2.351727 | 14.76399 | 401.8717 |
| Stddev | .0009793 | .003056  | 1.5672   | .02564   | .004120  | .00380   | 1.2460   |
| %RSD   | .2050783 | .1283027 | .3928744 | .1738060 | .1752110 | .0257089 | .3100598 |
| #1     | 4.768134 | 2.380570 | 398.5496 | 14.77823 | 2.349904 | 14.76800 | 402.4024 |
| #2     | 4.770963 | 2.385376 | 400.6159 | 14.72719 | 2.356445 | 14.76350 | 402.7646 |
| #3     | 4.786332 | 2.379703 | 397.5416 | 14.74839 | 2.348833 | 14.76046 | 400.4482 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.56949 | 388.7432 | 2.394430 | 1.210153 | 395.9310 | 2.432054 | 14.70531 |
| Stddev | .03613   | .9578    | .003672  | .001052  | .9755    | .044005  | .06457   |
| %RSD   | .2480041 | .2463768 | .1533377 | .0869308 | .2463733 | 1.809386 | .4391183 |
| #1     | 14.54312 | 388.6405 | 2.392891 | 1.210397 | 396.7256 | 2.395929 | 14.73503 |
| #2     | 14.61068 | 389.7482 | 2.398621 | 1.211061 | 396.2252 | 2.481063 | 14.74968 |
| #3     | 14.55469 | 387.8409 | 2.391779 | 1.209000 | 394.8423 | 2.419170 | 14.63123 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 145.1337 | 4.773080 | 4.649665 | 4.623996 | 4.788151 | 4.869521 | 4.825180 |
| Stddev | .5390    | .007233  | .007696  | .006296  | .009707  | .009777  | .011610  |
| %RSD   | .3713649 | .1515316 | .1655228 | .1361495 | .2027371 | .2007802 | .2406059 |
| #1     | 145.6299 | 4.769261 | 4.643526 | 4.620797 | 4.794814 | 4.859495 | 4.812368 |
| #2     | 145.2111 | 4.781422 | 4.647170 | 4.631249 | 4.792626 | 4.870038 | 4.835004 |
| #3     | 144.5603 | 4.768558 | 4.658300 | 4.619943 | 4.777014 | 4.879029 | 4.828167 |

Sample Name: CCV030      Acquired: 12/15/2024 19:21:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV030      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.898991 | 4.624726 | 5.086026 |
| Stddev | .002274  | .012361  | .014458  |
| %RSD   | .0464244 | .2672874 | .2842773 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.901200 | 4.624552 | 5.102608 |
| #2 | 4.899116 | 4.637172 | 5.079413 |
| #3 | 4.896657 | 4.612452 | 5.076056 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1931.275 | 25228.52 | 2503.901 | 1680.263 | 2565.632 |
| Stddev    | 2.325    | 111.89   | 1.745    | 4.616    | 3.872    |
| %RSD      | .1204005 | .4435021 | .0696873 | .2746918 | .1509314 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1933.950 | 25136.71 | 2504.304 | 1676.143 | 2570.045 |
| #2 | 1929.732 | 25195.70 | 2501.990 | 1679.394 | 2562.798 |
| #3 | 1930.144 | 25353.14 | 2505.409 | 1685.251 | 2564.055 |

Sample Name: CCB030      Acquired: 12/15/2024 19:25:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB030      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028257 | .0023657 | .0020192 | .0009179 | -.003020 | -.018354 | .0006783 |
| Stddev | .0029190 | .0005613 | .0020827 | .0049861 | .001214  | .019724  | .0007978 |
| %RSD   | 103.3003 | 23.72574 | 103.1425 | 543.2018 | 40.20021 | 107.4638 | 117.6198 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000544 | .0021554 | .0008319 | .0047486 | -.004230 | -.005341 | .0002466 |
| #2 | .004439  | .0019399 | .0044240 | .0027248 | -.003028 | -.041049 | .0015990 |
| #3 | .004582  | .0030018 | .0008017 | -.004720 | -.001802 | -.008674 | .0001894 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000510 | .0000025 | -.012278 | -.000423 | -.000053 | -.006159 | .0037707 |
| Stddev | .0000662 | .0000487 | .049592  | .000187  | .000361  | .003769  | .0291453 |
| %RSD   | 129.9295 | 1966.744 | 403.9019 | 44.20485 | 687.6396 | 61.19900 | 772.9424 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001128 | -.000023 | -.016605 | -.000615 | .000180  | -.003320 | .0347205 |
| #2 | -.000019 | .000059  | -.059565 | -.000242 | -.000469 | -.010435 | -.000257 |
| #3 | .000059  | -.000028 | .039335  | -.000411 | .000132  | -.004722 | -.023151 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002326 | .0941412 | .0006862 | .0003470 | -.796150 | -.001377 | -.007217 |
| Stddev | .0007080 | .0526708 | .0002380 | .0004677 | .575484  | .005801  | .003420  |
| %RSD   | 304.3588 | 55.94873 | 34.67813 | 134.7828 | 72.28342 | 421.2241 | 47.38887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004556 | .1526757 | .0009587 | .0006243 | -1.05587 | -.005790 | -.005599 |
| #2 | -.000560 | .0505736 | .0005195 | .0006096 | -1.19600 | -.003536 | -.004906 |
| #3 | .000802  | .0791744 | .0005803 | -.000193 | -.13658  | .005194  | -.011146 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5455238 | -.001515 | .0085667 | .0005124 | -.002088 | .0024138 | -.000798 |
| Stddev | .1530768 | .001243  | .0023839 | .0002039 | .001973  | .0001323 | .000484  |
| %RSD   | 28.06051 | 82.06938 | 27.82805 | 39.78949 | 94.47836 | 5.480770 | 60.57093 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4204925 | -.001792 | .0104100 | .0007451 | -.000793 | .0023627 | -.001185 |
| #2 | .7162424 | -.000156 | .0094155 | .0004271 | -.004359 | .0023147 | -.000954 |
| #3 | .4998365 | -.002595 | .0058745 | .0003650 | -.001112 | .0025641 | -.000256 |

Sample Name: CCB030      Acquired: 12/15/2024 19:25:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB030      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000934 | .0001392 | .0033009 |
| Stddev | .002526  | .0001510 | .0023474 |
| %RSD   | 270.3561 | 108.4551 | 71.11416 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001183 | .0000097 | .0035796 |
| #2 | .001707  | .0003050 | .0008266 |
| #3 | -.003327 | .0001029 | .0054965 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2314.724 | 28089.03 | 2554.109 | 1957.126 | 3246.956 |
| Stddev    | 5.814    | 154.00   | 21.270   | 7.083    | 4.391    |
| %RSD      | .2511925 | .5482398 | .8327905 | .3618916 | .1352304 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2319.885 | 27934.98 | 2533.120 | 1953.565 | 3251.898 |
| #2 | 2315.863 | 28089.12 | 2553.557 | 1952.529 | 3243.503 |
| #3 | 2308.425 | 28242.97 | 2575.650 | 1965.282 | 3245.467 |

Sample Name: P5067-04DLX2      Acquired: 12/15/2024 19:29:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0225009 | .0330815 | .0482060 | -.044346 | -.008546 | 20.27046 | .5947114 |
| Stddev | .0036071 | .0012597 | .0016882 | .002062  | .005738  | .04677   | .0019856 |
| %RSD   | 16.03092 | 3.807895 | 3.501943 | 4.650459 | 67.14434 | .2307365 | .3338800 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0261373 | .0344884 | .0497935 | -.046706 | -.002163 | 20.28366 | .5947816 |
| #2 | .0189238 | .0326979 | .0483919 | -.043442 | -.013276 | 20.21851 | .5926917 |
| #3 | .0224417 | .0320582 | .0464326 | -.042890 | -.010197 | 20.30921 | .5966611 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018890 | .0017340 | 683.8794 | .0394396 | .0668442 | .0496537 | 55.39091 |
| Stddev | .0000307 | .0001017 | 2.0796   | .0014241 | .0003428 | .0027498 | .24108   |
| %RSD   | 1.622840 | 5.862544 | .3040934 | 3.610810 | .5128141 | 5.537971 | .4352428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019244 | .0016170 | 682.7597 | .0404359 | .0671549 | .0469872 | 55.23607 |
| #2 | .0018710 | .0017843 | 682.5995 | .0400744 | .0669014 | .0494940 | 55.26798 |
| #3 | .0018716 | .0018007 | 686.2790 | .0378085 | .0664765 | .0524798 | 55.66868 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.280971 | 247.7486 | .0846483 | -.003456 | .1515126 | .0725664 | .1315626 |
| Stddev | .002447  | 1.1819   | .0002621 | .000190  | .5601065 | .0066794 | .0068255 |
| %RSD   | .1910031 | .4770550 | .3095896 | 5.484109 | 369.6765 | 9.204585 | 5.188008 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.282886 | 247.6585 | .0843666 | -.003371 | -.065031 | .0648540 | .1277832 |
| #2 | 1.281812 | 246.6143 | .0848849 | -.003324 | .787564  | .0763550 | .1274628 |
| #3 | 1.278214 | 248.9730 | .0846932 | -.003673 | -.267995 | .0764901 | .1394418 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.581243 | 1.147160 | .0143971 | .0191656 | 18.14549 | 4.439462 | .0090490 |
| Stddev | .039798  | .006789  | .0026561 | .0001677 | .04284   | .010949  | .0010669 |
| %RSD   | 1.541806 | .5918442 | 18.44889 | .8752158 | .2360990 | .2466258 | 11.79018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.560539 | 1.141417 | .0161982 | .0191204 | 18.18967 | 4.450694 | .0102028 |
| #2 | 2.556065 | 1.145409 | .0113467 | .0190251 | 18.10413 | 4.438872 | .0088460 |
| #3 | 2.627125 | 1.154653 | .0156465 | .0193513 | 18.14266 | 4.428820 | .0080981 |

Sample Name: P5067-04DLX2      Acquired: 12/15/2024 19:29:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5859452 | 7.379751 | .0907292 |
| Stddev | .0054416 | .011314  | .0062535 |
| %RSD   | .9286860 | .1533168 | 6.892450 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5819959 | 7.375378 | .0835180 |
| #2 | .5836874 | 7.371276 | .0940119 |
| #3 | .5921523 | 7.392600 | .0946578 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2183.908 | 26690.70 | 2553.874 | 1841.029 | 2704.340 |
| Stddev    | 7.237    | 141.69   | 13.690   | 21.472   | 9.444    |
| %RSD      | .3313958 | .5308561 | .5360514 | 1.166327 | .3492175 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2190.778 | 26751.58 | 2554.326 | 1858.471 | 2711.737 |
| #2 | 2184.594 | 26791.79 | 2567.333 | 1847.568 | 2707.579 |
| #3 | 2176.353 | 26528.75 | 2539.964 | 1817.047 | 2693.702 |

Sample Name: P5067-05DLX2      Acquired: 12/15/2024 19:33:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0019281 | .0384417 | .0623671 | -.057141   | -.010986 | 4.336867 |
| Stddev | .0041382 | .0018047 | .0038488 | .003007    | .004848  | .009118  |
| %RSD   | 214.6279 | 4.694722 | 6.171118 | 5.263041   | 44.12634 | .2102523 |
| #1     | .0034507 | .0404233 | .0651800 | -.056662   | -.012239 | 4.345132 |
| #2     | .0050893 | .0368924 | .0579809 | -.054402   | -.005635 | 4.327085 |
| #3     | -.002756 | .0380093 | .0639403 | -.060359   | -.015085 | 4.338382 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7878888 | .0007370 | .0006249 | F 892.2093 | .0270615 | .0536786 |
| Stddev | .0025288 | .0001494 | .0000925 | 1.5300     | .0009976 | .0007273 |
| %RSD   | .3209565 | 20.27560 | 14.79686 | .1714802   | 3.686357 | 1.354833 |
| #1     | .7859379 | .0005981 | .0006896 | 893.5473   | .0266944 | .0538947 |
| #2     | .7869828 | .0007178 | .0005190 | 890.5413   | .0281907 | .0528678 |
| #3     | .7907458 | .0008951 | .0006660 | 892.5393   | .0262995 | .0542733 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0203350 | 21.11593 | .5364214 | 485.2023   | .0415299 | -.000016 |
| Stddev | .0084707 | .04186   | .0019466 | .6808      | .0003940 | .000893  |
| %RSD   | 41.65580 | .1982304 | .3628787 | .1403200   | .9487786 | 5439.330 |
| #1     | .0163148 | 21.12528 | .5373281 | 485.2621   | .0419271 | .000999  |
| #2     | .0146229 | 21.07019 | .5341869 | 484.4936   | .0415233 | -.000677 |
| #3     | .0300673 | 21.15233 | .5377492 | 485.8514   | .0411391 | -.000371 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1682391 | .0299990 | .0286844 | .1104929   | .4836608 | .0470674 |
| Stddev | .4335271 | .0178867 | .0020874 | .0448762   | .0045761 | .0021679 |
| %RSD   | 257.6852 | 59.62415 | 7.277171 | 40.61457   | .9461374 | 4.605908 |
| #1     | .0859061 | .0441151 | .0283970 | .1329573   | .4884952 | .0467182 |
| #2     | .6370289 | .0098840 | .0267555 | .1397006   | .4793964 | .0493887 |
| #3     | -.218218 | .0359979 | .0309006 | .0588208   | .4830906 | .0450953 |



Sample Name: P5067-05DLX2      Acquired: 12/15/2024 19:33:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030509 | 10.21868 | 1.930876 | .0075045 | .0547926 | 20.80809 |
| Stddev | .0003046 | .01532   | .008475  | .0025022 | .0040742 | .29034   |
| %RSD   | 9.982905 | .1499594 | .4389006 | 33.34291 | 7.435749 | 1.395307 |
| #1     | .0028025 | 10.22937 | 1.931459 | .0100959 | .0529846 | 20.63502 |
| #2     | .0033907 | 10.20112 | 1.939045 | .0073152 | .0519352 | 21.14329 |
| #3     | .0029594 | 10.22555 | 1.922126 | .0051023 | .0594580 | 20.64598 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0850509 |
| Stddev | .0068642 |
| %RSD   | 8.070704 |
| #1     | .0842423 |
| #2     | .0786268 |
| #3     | .0922836 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2095.931 | 25643.62 | 2474.939 | 1746.195 | 2589.347 |
| Stddev    | 7.764    | 41.16    | 10.839   | 5.788    | 8.048    |
| %RSD      | .3704240 | .1605221 | .4379438 | .3314493 | .3108161 |
| #1        | 2098.296 | 25627.54 | 2481.020 | 1740.749 | 2589.831 |
| #2        | 2102.237 | 25690.40 | 2462.425 | 1752.273 | 2597.141 |
| #3        | 2087.260 | 25612.93 | 2481.372 | 1745.563 | 2581.067 |

Sample Name: P5067-08DLX2      Acquired: 12/15/2024 19:37:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0299452 | .0293908 | .0528877 | -.039707 | -.005042 | 23.96299 | .6853305 |
| Stddev | .0051979 | .0047853 | .0006342 | .005639  | .001771  | .28527   | .0088454 |
| %RSD   | 17.35818 | 16.28161 | 1.199082 | 14.20184 | 35.12293 | 1.190465 | 1.290677 |
| #1     | .0306952 | .0248438 | .0528508 | -.037631 | -.003208 | 24.16850 | .6899792 |
| #2     | .0347274 | .0343832 | .0535395 | -.035401 | -.006742 | 24.08319 | .6908824 |
| #3     | .0244130 | .0289453 | .0522728 | -.046090 | -.005176 | 23.63729 | .6751301 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023067 | .0019527 | 658.1787 | .0490229 | .0723837 | .0575884 | 67.98669 |
| Stddev | .0001833 | .0001346 | 7.1178   | .0001440 | .0002901 | .0121003 | .83936   |
| %RSD   | 7.945380 | 6.894756 | 1.081441 | .2936671 | .4007301 | 21.01180 | 1.234600 |
| #1     | .0021040 | .0018338 | 662.2447 | .0489630 | .0722209 | .0623831 | 68.64503 |
| #2     | .0023554 | .0019254 | 662.3315 | .0491871 | .0727186 | .0665566 | 68.27354 |
| #3     | .0024607 | .0020989 | 649.9599 | .0489185 | .0722117 | .0438254 | 67.04151 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.515712 | 253.1386 | .0984697 | -.004133 | .1478512 | .0810084 | .1590022 |
| Stddev | .017083  | 2.8147   | .0007378 | .000801  | .0267482 | .0171960 | .0021279 |
| %RSD   | 1.127045 | 1.111920 | .7493189 | 19.37321 | 18.09127 | 21.22744 | 1.338302 |
| #1     | 1.525265 | 255.1374 | .0976182 | -.003436 | .1545467 | .1001586 | .1591663 |
| #2     | 1.525883 | 254.3587 | .0988695 | -.005008 | .1706156 | .0759780 | .1610433 |
| #3     | 1.495990 | 249.9197 | .0989214 | -.003955 | .1183914 | .0668886 | .1567969 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.107571 | 1.396915 | .0146946 | .0184285 | 15.87106 | 4.578217 | .0104328 |
| Stddev | .183042  | .004519  | .0027227 | .0004733 | .06295   | .033230  | .0016009 |
| %RSD   | 5.890198 | .3235163 | 18.52856 | 2.568532 | .3966109 | .7258189 | 15.34460 |
| #1     | 3.060406 | 1.394253 | .0171921 | .0179105 | 15.86795 | 4.603172 | .0096750 |
| #2     | 3.309580 | 1.394359 | .0150995 | .0185363 | 15.80973 | 4.590981 | .0122718 |
| #3     | 2.952727 | 1.402133 | .0117921 | .0188386 | 15.93550 | 4.540498 | .0093515 |

Sample Name: P5067-08DLX2      Acquired: 12/15/2024 19:37:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6073412 | 1.066819 | .1132072 |
| Stddev | .0066017 | .012535  | .0114527 |
| %RSD   | 1.086989 | 1.175020 | 10.11660 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6115280 | 1.075547 | .1150860 |
| #2 | .6107646 | 1.072456 | .1236044 |
| #3 | .5997309 | 1.052455 | .1009313 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2217.866 | 27041.29 | 2598.402 | 1866.150 | 2712.293 |
| Stddev    | 9.335    | 150.71   | 28.951   | 9.186    | 8.399    |
| %RSD      | .4208930 | .5573354 | 1.114193 | .4922480 | .3096558 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2227.015 | 26996.60 | 2573.265 | 1863.408 | 2720.294 |
| #2 | 2218.229 | 26917.99 | 2591.886 | 1858.648 | 2713.037 |
| #3 | 2208.356 | 27209.30 | 2630.056 | 1876.395 | 2703.546 |

Sample Name: P5067-12DLX2      Acquired: 12/15/2024 19:41:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0485704</b> | <b>.0248790</b> | <b>.0700912</b> | <b>-.044073</b> | <b>.0044623</b> | <b>31.19122</b> | <b>.1494366</b> |
| Stddev | .0035814        | .0017713        | .0031593        | .012829         | .0010716        | .26588          | .0015126        |
| %RSD   | 7.373706        | 7.119643        | 4.507431        | 29.10776        | 24.01334        | .8524222        | 1.012231        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0511560 | .0261933 | .0708756 | -.055899 | .0037700 | 31.04393 | .1481566 |
| #2 | .0444825 | .0228647 | .0727844 | -.045885 | .0039204 | 31.49815 | .1511059 |
| #3 | .0500726 | .0255791 | .0666136 | -.030435 | .0056966 | 31.03159 | .1490475 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0033849</b> | <b>.0027812</b> | <b>593.0689</b> | <b>.0633372</b> | <b>.0855694</b> | <b>.0641416</b> | <b>106.7363</b> |
| Stddev | .0002468        | .0000165        | 4.2914          | .0004527        | .0002925        | .0059986        | .9108           |
| %RSD   | 7.291796        | .5918056        | .7235899        | .7147561        | .3418004        | 9.352048        | .8533255        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035892 | .0027987 | 591.2560 | .0628845 | .0853424 | .0601567 | 106.2115 |
| #2 | .0034550 | .0027788 | 597.9692 | .0637899 | .0858994 | .0612277 | 107.7880 |
| #3 | .0031107 | .0027660 | 589.9815 | .0633373 | .0854662 | .0710405 | 106.2095 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.124847</b> | <b>90.14924</b> | <b>.1399980</b> | <b>-.007828</b> | <b>-.031967</b> | <b>.0990801</b> | <b>.2091751</b> |
| Stddev | .020921         | .54765          | .0012077        | .000903         | .552989         | .0045420        | .0136238        |
| %RSD   | .9845820        | .6074964        | .8626445        | 11.53988        | 1729.897        | 4.584185        | 6.513092        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.114900 | 89.70890 | .1393135 | -.006821 | -.670422 | .1038473 | .2128700 |
| #2 | 2.148886 | 90.76247 | .1413924 | -.008568 | .296053  | .0985900 | .2205703 |
| #3 | 2.110756 | 89.97635 | .1392880 | -.008095 | .278470  | .0948030 | .1940850 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.204630</b> | <b>2.365600</b> | <b>.0018970</b> | <b>.0307044</b> | <b>13.98408</b> | <b>5.199362</b> | <b>.0123661</b> |
| Stddev | .208089         | .006082         | .0004346        | .0001135        | .02946          | .014897         | .0014174        |
| %RSD   | 4.949037        | .2571052        | 22.91157        | .3697602        | .2106368        | .2865072        | 11.46216        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.101088 | 2.359196 | .0021513 | .0308067 | 13.95141 | 5.185123 | .0138833 |
| #2 | 4.444178 | 2.371299 | .0013951 | .0307241 | 13.99219 | 5.214839 | .0110759 |
| #3 | 4.068625 | 2.366305 | .0021446 | .0305823 | 14.00862 | 5.198125 | .0121392 |

Sample Name: P5067-12DLX2      Acquired: 12/15/2024 19:41:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4810422 | .8829590 | .1111117 |
| Stddev | .0062689 | .0077789 | .0042875 |
| %RSD   | 1.303190 | .8810004 | 3.858711 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4867417 | .8784205 | .1063746 |
| #2 | .4743278 | .8919411 | .1122345 |
| #3 | .4820571 | .8785155 | .1147262 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2286.115 | 27777.66 | 2664.397 | 1919.492 | 2794.517 |
| Stddev    | 12.029   | 105.01   | 12.794   | 8.048    | 10.762   |
| %RSD      | .5261648 | .3780345 | .4801790 | .4192923 | .3851003 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2291.904 | 27882.14 | 2675.551 | 1924.786 | 2796.564 |
| #2 | 2272.286 | 27672.12 | 2650.431 | 1910.230 | 2782.878 |
| #3 | 2294.153 | 27778.72 | 2667.209 | 1923.460 | 2804.108 |

Sample Name: P5067-18DLX2      Acquired: 12/15/2024 19:44:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N7      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0268333</b> | <b>.0276953</b> | <b>.0565578</b> | <b>-.038652</b> | <b>.0017721</b> | <b>24.18778</b> | <b>.5152988</b> |
| Stddev | .0054320        | .0021170        | .0016470        | .004442         | .0008132        | .09217          | .0016545        |
| %RSD   | 20.24356        | 7.643773        | 2.912066        | 11.49306        | 45.89222        | .3810517        | .3210703        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0271398 | .0256696 | .0555495 | -.040306 | .0017146 | 24.28498 | .5171655 |
| #2 | .0321055 | .0298931 | .0556655 | -.042030 | .0009891 | 24.17670 | .5140136 |
| #3 | .0212545 | .0275231 | .0584584 | -.033620 | .0026125 | 24.10165 | .5147173 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0024158</b> | <b>.0020642</b> | <b>577.5329</b> | <b>.0567330</b> | <b>.0724322</b> | <b>.0721719</b> | <b>70.57066</b> |
| Stddev | .0000884        | .0000877        | 2.0487          | .0004132        | .0002843        | .0060528        | .13751          |
| %RSD   | 3.659696        | 4.249036        | .3547326        | .7284198        | .3925404        | 8.386588        | .1948520        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024583 | .0020256 | 579.7981 | .0562840 | .0723516 | .0757675 | 70.69522 |
| #2 | .0024750 | .0020025 | 575.8097 | .0568174 | .0721969 | .0755644 | 70.59366 |
| #3 | .0023142 | .0021646 | 576.9909 | .0570975 | .0727481 | .0651837 | 70.42311 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.583984</b> | <b>181.3733</b> | <b>.1012109</b> | <b>-.004471</b> | <b>.4164051</b> | <b>.0809262</b> | <b>.1768633</b> |
| Stddev | .006301         | .5986           | .0002658        | .000526         | .0428077        | .0003369        | .0031326        |
| %RSD   | .3978052        | .3300539        | .2626167        | 11.76480        | 10.28031        | .4162886        | 1.771204        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.585108 | 181.9769 | .1009061 | -.004703 | .3745068 | .0806629 | .1740969 |
| #2 | 1.589647 | 180.7798 | .1013944 | -.003869 | .4600677 | .0808098 | .1762282 |
| #3 | 1.577196 | 181.3632 | .1013323 | -.004840 | .4146407 | .0813058 | .1802648 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.351439</b> | <b>1.621239</b> | <b>.0059581</b> | <b>.0188250</b> | <b>17.18621</b> | <b>4.913556</b> | <b>.0109905</b> |
| Stddev | .095223         | .003552         | .0026029        | .0005342        | .03428          | .034659         | .0009078        |
| %RSD   | 2.841269        | .2190967        | 43.68720        | 2.837669        | .1994344        | .7053825        | 8.260327        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.417152 | 1.619423 | .0030982 | .0187084 | 17.14812 | 4.952514 | .0108800 |
| #2 | 3.394930 | 1.618962 | .0081888 | .0183588 | 17.19592 | 4.902013 | .0119485 |
| #3 | 3.242236 | 1.625332 | .0065872 | .0194079 | 17.21457 | 4.886140 | .0101430 |

Sample Name: P5067-18DLX2      Acquired: 12/15/2024 19:44:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6464127 | 1.562166 | .0927826 |
| Stddev | .0015735 | .004153  | .0050702 |
| %RSD   | .2434136 | .2658197 | 5.464625 |
| #1     | .6446807 | 1.565849 | .0968652 |
| #2     | .6468035 | 1.562984 | .0871072 |
| #3     | .6477540 | 1.557665 | .0943753 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2235.510 | 27224.31 | 2617.518 | 1886.722 | 2761.412 |
| Stddev    | 12.403   | 38.05    | 20.737   | 2.292    | 11.460   |
| %RSD      | .5547951 | .1397555 | .7922249 | .1214973 | .4149989 |
| #1        | 2230.567 | 27181.69 | 2593.579 | 1885.171 | 2756.425 |
| #2        | 2249.622 | 27236.42 | 2629.050 | 1889.355 | 2774.521 |
| #3        | 2226.341 | 27254.83 | 2629.926 | 1885.639 | 2753.291 |

Sample Name: P4940-02DLX2      Acquired: 12/15/2024 19:48:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS8      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0224789</b> | <b>.0357064</b> | <b>.5742739</b> | <b>-.049763</b> | <b>-.009535</b> | <b>13.63263</b> | <b>.2572250</b> |
| Stddev | .0016271        | .0017092        | .0020541        | .005721         | .000797         | .09084          | .0014559        |
| %RSD   | 7.238136        | 4.786679        | .3576915        | 11.49648        | 8.362504        | .6663068        | .5659966        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0230265 | .0353557 | .5764586 | -.048620 | -.008712 | 13.53817 | .2555993 |
| #2 | .0237616 | .0375637 | .5739813 | -.055969 | -.009589 | 13.64039 | .2576673 |
| #3 | .0206487 | .0341998 | .5723817 | -.044699 | -.010304 | 13.71934 | .2584086 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0016025</b> | <b>.0066296</b> | <b>793.9560</b> | <b>.0374402</b> | <b>.0656577</b> | <b>.0805836</b> | <b>65.45184</b> |
| Stddev | .0001213        | .0001134        | 2.9129          | .0003266        | .0004030        | .0022143        | .16417          |
| %RSD   | 7.570798        | 1.710817        | .3668878        | .8722172        | .6137516        | 2.747875        | .2508221        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016695 | .0065176 | 790.9769 | .0378071 | .0654418 | .0790857 | 65.33551 |
| #2 | .0016756 | .0066268 | 794.0932 | .0371815 | .0661226 | .0795380 | 65.38038 |
| #3 | .0014625 | .0067444 | 796.7979 | .0373320 | .0654087 | .0831272 | 65.63962 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.736794</b> | <b>416.7508</b> | <b>.0556175</b> | <b>-.002090</b> | <b>-.252245</b> | <b>.0317654</b> | <b>1.237725</b> |
| Stddev | .024069         | 2.1697          | .0006284        | .001624         | .355456         | .0044981        | .018911         |
| %RSD   | .3572817        | .5206137        | 1.129934        | 77.71014        | 140.9173        | 14.16028        | 1.527892        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.709054 | 414.5855 | .0563268 | -.000820 | -.660521 | .0332891 | 1.220099 |
| #2 | 6.749185 | 416.7420 | .0551303 | -.001530 | -.084597 | .0353037 | 1.257702 |
| #3 | 6.752143 | 418.9248 | .0553953 | -.003920 | -.011615 | .0267034 | 1.235375 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.350557</b> | <b>2.814835</b> | <b>.0250186</b> | <b>.0011398</b> | <b>18.00668</b> | <b>4.975454</b> | <b>.0176322</b> |
| Stddev | .187909         | .011281         | .0022551        | .0007376        | .03359          | .009721         | .0025867        |
| %RSD   | 4.319196        | .4007743        | 9.013598        | 64.71697        | .1865304        | .1953793        | 14.67010        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.139535 | 2.809072 | .0249534 | .0008775 | 18.01466 | 4.966366 | .0200317 |
| #2 | 4.499795 | 2.807600 | .0227968 | .0005691 | 17.96983 | 4.974291 | .0179730 |
| #3 | 4.412341 | 2.827834 | .0273055 | .0019727 | 18.03557 | 4.985704 | .0148921 |



Sample Name: P4940-02DLX2      Acquired: 12/15/2024 19:48:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1876706 | .2183614 | .0755767 |
| Stddev | .0068910 | .0023085 | .0021316 |
| %RSD   | 3.671863 | 1.057203 | 2.820493 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1842492 | .2158710 | .0768139 |
| #2 | .1831599 | .2187833 | .0768009 |
| #3 | .1956028 | .2204298 | .0731153 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2194.217 | 26940.33 | 2620.990 | 1849.676 | 2611.020 |
| Stddev    | 4.752    | 32.38    | 11.059   | 4.234    | 5.512    |
| %RSD      | .2165714 | .1201802 | .4219291 | .2289249 | .2110925 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2191.251 | 26943.41 | 2626.704 | 1851.769 | 2606.765 |
| #2 | 2199.698 | 26906.52 | 2628.023 | 1844.803 | 2617.246 |
| #3 | 2191.703 | 26971.05 | 2608.243 | 1852.457 | 2609.049 |

Sample Name: P4940-19DLX2      Acquired: 12/15/2024 19:52:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0183615 | .0321050 | .4786630 | -.043290 | -.007565 | 20.69058 | .2354646 |
| Stddev | .0007987 | .0025502 | .0030985 | .004667  | .005460  | .07215   | .0010583 |
| %RSD   | 4.349649 | 7.943348 | .6473340 | 10.78053 | 72.16967 | .3487025 | .4494685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0179839 | .0291731 | .4759955 | -.042174 | -.013704 | 20.75819 | .2343043 |
| #2 | .0178218 | .0333325 | .4779317 | -.039281 | -.003254 | 20.61462 | .2363769 |
| #3 | .0192790 | .0338093 | .4820618 | -.048413 | -.005736 | 20.69895 | .2357127 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020602 | .0028336 | 565.4569 | .0377477 | .0633825 | .0924691 | 57.34177 |
| Stddev | .0001251 | .0000869 | 2.7609   | .0003701 | .0000645 | .0081278 | .12841   |
| %RSD   | 6.074296 | 3.068531 | .4882628 | .9805500 | .1017563 | 8.789784 | .2239296 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022043 | .0028379 | 568.6409 | .0377661 | .0634563 | .0862596 | 57.48439 |
| #2 | .0019966 | .0029182 | 563.7252 | .0381084 | .0633543 | .0894792 | 57.30556 |
| #3 | .0019796 | .0027445 | 564.0046 | .0373688 | .0633368 | .1016684 | 57.23536 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.073460 | 285.0491 | .0569733 | -.002729 | .1666120 | .0422983 | .5781615 |
| Stddev | .003549  | .8599    | .0005458 | .001771  | .5356661 | .0119486 | .0083920 |
| %RSD   | .0871220 | .3016839 | .9580628 | 64.89418 | 321.5051 | 28.24847 | 1.451501 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.077554 | 285.9403 | .0571318 | -.002610 | -.448302 | .0560879 | .5708292 |
| #2 | 4.071571 | 284.2243 | .0574224 | -.004557 | .531939  | .0350094 | .5873144 |
| #3 | 4.071255 | 284.9826 | .0563658 | -.001021 | .416199  | .0357976 | .5763410 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.858869 | 2.172074 | .0292819 | -.000017 | 5.981291 | 5.486057 | .0237293 |
| Stddev | .084322  | .006882  | .0040930 | .000219  | .025796  | .037943  | .0015837 |
| %RSD   | 2.185136 | .3168377 | 13.97803 | 1293.013 | .4312797 | .6916207 | 6.674138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.827663 | 2.173716 | .0246764 | .000175  | 5.966643 | 5.528338 | .0254227 |
| #2 | 3.794599 | 2.164520 | .0325040 | .000029  | 5.966153 | 5.454973 | .0234802 |
| #3 | 3.954346 | 2.177987 | .0306652 | -.000255 | 6.011076 | 5.474860 | .0222848 |

Sample Name: P4940-19DLX2      Acquired: 12/15/2024 19:52:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2946809 | .2332942 | .0750348 |
| Stddev | .0053056 | .0009026 | .0011091 |
| %RSD   | 1.800465 | .3869036 | 1.478081 |
| #1     | .3007306 | .2342690 | .0762525 |
| #2     | .2908189 | .2324874 | .0740825 |
| #3     | .2924932 | .2331263 | .0747695 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2241.276 | 27300.57 | 2621.836 | 1887.088 | 2706.293 |
| Stddev    | .519     | 64.94    | 14.877   | 10.343   | 1.703    |
| %RSD      | .0231690 | .2378638 | .5674188 | .5480689 | .0629217 |
| #1        | 2241.004 | 27374.60 | 2604.957 | 1889.289 | 2705.417 |
| #2        | 2241.874 | 27253.24 | 2627.509 | 1875.822 | 2705.207 |
| #3        | 2240.948 | 27273.86 | 2633.041 | 1896.153 | 2708.256 |

Sample Name: P4940-21DLX2      Acquired: 12/15/2024 19:56:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0217450 | .0309324 | .1727616 | -.031678 | .0000254 | 33.03633 | .2957673 |
| Stddev | .0051710 | .0006320 | .0032551 | .002851  | .0031091 | .07612   | .0007421 |
| %RSD   | 23.78015 | 2.043033 | 1.884140 | 9.000955 | 12258.04 | .2304147 | .2509101 |
| #1     | .0267156 | .0314930 | .1692636 | -.033876 | .0035528 | 33.07192 | .2966234 |
| #2     | .0163946 | .0310568 | .1733196 | -.028456 | -.001160 | 32.94894 | .2953729 |
| #3     | .0221248 | .0302475 | .1757016 | -.032702 | -.002317 | 33.08815 | .2953057 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025619 | .0031250 | 454.3990 | .0485710 | .0768133 | .1114568 | 81.11236 |
| Stddev | .0000500 | .0000849 | 1.0743   | .0009571 | .0009157 | .0019801 | .22315   |
| %RSD   | 1.950726 | 2.716557 | .2364123 | 1.970483 | 1.192110 | 1.776541 | .2751177 |
| #1     | .0025161 | .0030481 | 453.9257 | .0485807 | .0758909 | .1131897 | 80.97416 |
| #2     | .0025543 | .0032161 | 453.6426 | .0495232 | .0777222 | .1118820 | 80.99312 |
| #3     | .0026152 | .0031109 | 455.6286 | .0476091 | .0768266 | .1092986 | 81.36980 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.511071 | 107.0465 | .0841495 | -.005225 | .5665264 | .0703776 | .4662213 |
| Stddev | .009339  | .1207    | .0013657 | .000741  | 1.034860 | .0092999 | .0158683 |
| %RSD   | .1694509 | .1127987 | 1.622929 | 14.18697 | 182.6675 | 13.21435 | 3.403607 |
| #1     | 5.521115 | 107.1849 | .0845765 | -.004975 | 1.429947 | .0685054 | .4835673 |
| #2     | 5.502651 | 106.9914 | .0826213 | -.006059 | .850227  | .0621561 | .4524354 |
| #3     | 5.509447 | 106.9631 | .0852507 | -.004641 | -.580595 | .0804712 | .4626612 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.890393 | 3.604217 | -.005649 | -.000300 | 1.466694 | 4.917284 | .0172150 |
| Stddev | .157742  | .015301  | .003089  | .000355  | .008414  | .072242  | .0007400 |
| %RSD   | 4.054661 | .4245244 | 54.69147 | 118.3199 | .5736985 | 1.469145 | 4.298622 |
| #1     | 4.021513 | 3.611592 | -.002217 | -.000587 | 1.464746 | 4.894206 | .0180658 |
| #2     | 3.934325 | 3.586625 | -.008209 | -.000410 | 1.459425 | 4.859400 | .0167211 |
| #3     | 3.715342 | 3.614433 | -.006519 | .000097  | 1.475912 | 4.998245 | .0168582 |

Sample Name: P4940-21DLX2      Acquired: 12/15/2024 19:56:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5782960 | .3326440 | .0885081 |
| Stddev | .0021741 | .0012532 | .0058107 |
| %RSD   | .3759443 | .3767302 | 6.565113 |
| #1     | .5776942 | .3339858 | .0825425 |
| #2     | .5764861 | .3324422 | .0941503 |
| #3     | .5807075 | .3315039 | .0888315 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2376.807 | 28968.86 | 2770.799 | 2007.466 | 2805.059 |
| Stddev    | 17.886   | 188.10   | 20.042   | 16.428   | 19.127   |
| %RSD      | .7525079 | .6493187 | .7233360 | .8183316 | .6818877 |
| #1        | 2392.718 | 28815.02 | 2778.508 | 1994.341 | 2821.727 |
| #2        | 2380.254 | 28912.99 | 2785.842 | 2002.168 | 2809.274 |
| #3        | 2357.449 | 29178.57 | 2748.047 | 2025.889 | 2784.176 |

Sample Name: P4963-07DLX2      Acquired: 12/15/2024 20:00:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ00      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0513252 | .0319575 | .2336006 | -.026738 | .0110236 | 37.54250 | .3980675 |
| Stddev | .0021281 | .0016810 | .0023495 | .000540  | .0018282 | .36826   | .0024917 |
| %RSD   | 4.146387 | 5.259969 | 1.005795 | 2.020628 | 16.58414 | .9809239 | .6259475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0519980 | .0320672 | .2318525 | -.026114 | .0127425 | 37.87814 | .4005509 |
| #2 | .0530356 | .0335809 | .2362715 | -.027061 | .0112255 | 37.14857 | .3955675 |
| #3 | .0489420 | .0302244 | .2326779 | -.027039 | .0091029 | 37.60079 | .3980840 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032799 | .0034061 | 560.0529 | .0528774 | .0821424 | .3121882 | 138.9715 |
| Stddev | .0000250 | .0000477 | 5.0608   | .0006080 | .0008832 | .0063591 | .9407    |
| %RSD   | .7636647 | 1.401716 | .9036326 | 1.149920 | 1.075171 | 2.036935 | .6768917 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032984 | .0034472 | 564.7516 | .0532153 | .0825362 | .3051142 | 139.8405 |
| #2 | .0032900 | .0033537 | 554.6946 | .0521755 | .0811308 | .3174302 | 137.9726 |
| #3 | .0032514 | .0034174 | 560.7125 | .0532415 | .0827601 | .3140201 | 139.1014 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.526436 | 55.96790 | .0989465 | -.008092 | -.337298 | .0901591 | .4285133 |
| Stddev | .066144  | .24594   | .0007065 | .000469  | .313057  | .0032625 | .0048738 |
| %RSD   | .7757522 | .4394350 | .7140186 | 5.799401 | 92.81329 | 3.618553 | 1.137380 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.583072 | 56.21917 | .0997361 | -.008632 | -.598379 | .0939233 | .4325569 |
| #2 | 8.453741 | 55.72765 | .0987293 | -.007861 | -.423281 | .0884066 | .4298813 |
| #3 | 8.542496 | 55.95689 | .0983741 | -.007783 | .009766  | .0881475 | .4231017 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.108933 | 4.724418 | -.030299 | .0014457 | .6918823 | 5.098780 | .0177679 |
| Stddev | .207118  | .018599  | .000391  | .0001529 | .0020509 | .050309  | .0015626 |
| %RSD   | 5.040664 | .3936732 | 1.289933 | 10.57354 | .2964255 | .9866818 | 8.794422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.059266 | 4.745873 | -.030748 | .0016150 | .6922752 | 5.156818 | .0159863 |
| #2 | 3.931165 | 4.714504 | -.030032 | .0014044 | .6937083 | 5.067584 | .0184120 |
| #3 | 4.336369 | 4.712876 | -.030117 | .0013177 | .6896634 | 5.071940 | .0189056 |

Sample Name: P4963-07DLX2      Acquired: 12/15/2024 20:00:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ00      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6501018 | .3940108 | .0963523 |
| Stddev | .0024078 | .0017256 | .0104199 |
| %RSD   | .3703659 | .4379515 | 10.81433 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6524084 | .3953888 | .1079828 |
| #2 | .6502925 | .3920754 | .0878683 |
| #3 | .6476043 | .3945681 | .0932058 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2383.128 | 29097.63 | 2756.902 | 2009.145 | 2812.439 |
| Stddev    | 5.203    | 159.60   | 31.519   | 13.660   | 5.610    |
| %RSD      | .2183409 | .5484900 | 1.143270 | .6799062 | .1994679 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2382.058 | 29095.55 | 2724.262 | 2001.549 | 2808.857 |
| #2 | 2378.543 | 29258.26 | 2787.166 | 2024.915 | 2809.556 |
| #3 | 2388.784 | 28939.09 | 2759.278 | 2000.972 | 2818.904 |

Sample Name: P4964-04DLX2      Acquired: 12/15/2024 20:04:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0153767 | .0399084 | .5025751 | -.045788 | -.009279 | 12.93205 | .2070223 |
| Stddev | .0057509 | .0027290 | .0047310 | .004860  | .003483  | .06911   | .0009451 |
| %RSD   | 37.40013 | 6.838095 | .9413485 | 10.61328 | 37.53319 | .5344055 | .4565280 |
| #1     | .0218241 | .0402165 | .4972719 | -.042665 | -.005390 | 12.99181 | .2073309 |
| #2     | .0107762 | .0370385 | .5063620 | -.051387 | -.010334 | 12.94798 | .2077747 |
| #3     | .0135297 | .0424703 | .5040915 | -.043312 | -.012111 | 12.85637 | .2059615 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014662 | .0046565 | 768.5710 | .0379569 | .0599403 | .1074529 | 55.94768 |
| Stddev | .0001112 | .0001605 | 3.7227   | .0006818 | .0011153 | .0073552 | .35255   |
| %RSD   | 7.587035 | 3.447083 | .4843600 | 1.796287 | 1.860757 | 6.845099 | .6301509 |
| #1     | .0013389 | .0045077 | 770.9711 | .0371924 | .0597182 | .1146615 | 56.24695 |
| #2     | .0015446 | .0046351 | 770.4593 | .0381765 | .0589528 | .1077379 | 56.03704 |
| #3     | .0015150 | .0048266 | 764.2827 | .0385019 | .0611501 | .0999592 | 55.55904 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.246359 | 396.3340 | .0643570 | -.001039 | -.021086 | .0344326 | .9339372 |
| Stddev | .027439  | 2.0466   | .0000748 | .000969  | .558943  | .0025867 | .0089279 |
| %RSD   | .5230123 | .5163819 | .1162924 | 93.25573 | 2650.830 | 7.512377 | .9559468 |
| #1     | 5.261074 | 396.5945 | .0644173 | -.001951 | .293118  | .0338521 | .9263762 |
| #2     | 5.263301 | 398.2379 | .0643805 | -.000022 | -.666423 | .0372602 | .9437866 |
| #3     | 5.214701 | 394.1696 | .0642733 | -.001145 | .310048  | .0321854 | .9316489 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.965219 | 2.441782 | .0392318 | .0010395 | 7.752916 | 4.794348 | .0361161 |
| Stddev | .169465  | .018094  | .0009996 | .0005795 | .036400  | .035139  | .0010893 |
| %RSD   | 5.715086 | .7410255 | 2.547911 | 55.74892 | .4694960 | .7329188 | 3.016011 |
| #1     | 2.831940 | 2.451240 | .0401507 | .0016638 | 7.729545 | 4.820701 | .0361648 |
| #2     | 2.907778 | 2.420919 | .0393773 | .0009360 | 7.734347 | 4.807890 | .0371802 |
| #3     | 3.155938 | 2.453187 | .0381674 | .0005188 | 7.794855 | 4.754453 | .0350033 |



Sample Name: P4964-04DLX2      Acquired: 12/15/2024 20:04:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2484698 | .2617744 | .0706404 |
| Stddev | .0027274 | .0010744 | .0051769 |
| %RSD   | 1.097662 | .4104336 | 7.328602 |
| #1     | .2491091 | .2621181 | .0646628 |
| #2     | .2508208 | .2626349 | .0736749 |
| #3     | .2454796 | .2605702 | .0735835 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2165.014 | 26679.25 | 2565.866 | 1822.837 | 2616.900 |
| Stddev    | 7.256    | 136.27   | 19.917   | 10.378   | 12.815   |
| %RSD      | .3351698 | .5107872 | .7762282 | .5693316 | .4897134 |
| #1        | 2170.958 | 26830.84 | 2546.129 | 1834.488 | 2626.486 |
| #2        | 2167.156 | 26566.92 | 2565.511 | 1814.585 | 2621.869 |
| #3        | 2156.927 | 26639.98 | 2585.958 | 1819.439 | 2602.344 |

Sample Name: P4964-05DLX2      Acquired: 12/15/2024 20:07:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0201356 | .0427347 | .4088491 | -.045009 | -.012754 | 10.20088 |
| Stddev | .0023045 | .0020541 | .0013096 | .005160  | .002739  | .06762   |
| %RSD   | 11.44486 | 4.806545 | .3203200 | 11.46472 | 21.47725 | .6629127 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0207919 | .0433794 | .4089963 | -.050610 | -.015907 | 10.26287 |
| #2 | .0175741 | .0404356 | .4074720 | -.043968 | -.011403 | 10.21101 |
| #3 | .0220407 | .0443890 | .4100789 | -.040448 | -.010953 | 10.12877 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1168002 | .0013919 | .0260024 | F 940.4342 | .0286269 | .0622751 |
| Stddev | .0005482 | .0000638 | .0000880 | 2.9563     | .0014181 | .0004833 |
| %RSD   | .4693111 | 4.587394 | .3382764 | .3143555   | 4.953659 | .7760140 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1171383 | .0013186 | .0260864 | 943.5013 | .0271139 | .0628206 |
| #2 | .1170945 | .0014357 | .0259109 | 940.1985 | .0288411 | .0621042 |
| #3 | .1161677 | .0014213 | .0260098 | 937.6028 | .0299257 | .0619006 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0619594 | 56.36200 | 5.866075 | 494.4810 | .0570388 | -.002101 |
| Stddev | .0109863 | .29242   | .018190  | 2.0171   | .0011384 | .000174  |
| %RSD   | 17.73149 | .5188236 | .3100926 | .4079244 | 1.995829 | 8.290800 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0613311 | 56.15441 | 5.857022 | 495.8476 | .0578008 | -.001985 |
| #2 | .0732463 | 56.69642 | 5.887015 | 495.4310 | .0575853 | -.002301 |
| #3 | .0513007 | 56.23516 | 5.854188 | 492.1643 | .0557302 | -.002017 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7973661 | .0299612 | 4.667694 | 3.306847 | 1.531754 | .0366315 |
| Stddev | .5285865 | .0006449 | .084457  | .150718  | .004484  | .0003522 |
| %RSD   | 66.29157 | 2.152386 | 1.809397 | 4.557764 | .2927435 | .9614275 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.391799 | .0297764 | 4.572004 | 3.163785 | 1.526870 | .0368772 |
| #2 | .620112  | .0306784 | 4.731835 | 3.464203 | 1.532708 | .0362280 |
| #3 | .380187  | .0294290 | 4.699244 | 3.292554 | 1.535685 | .0367893 |

Sample Name: P4964-05DLX2      Acquired: 12/15/2024 20:07:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ03      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Sr4077          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000226</b> | <b>12.70461</b> | <b>4.546496</b> | <b>.0216548</b> | <b>.1232983</b> | <b>.2797154</b> |
| Stddev | .000157         | .04716          | .019860         | .0007999        | .0032277        | .0014817        |
| %RSD   | 69.52944        | .3711896        | .4368288        | 3.693990        | 2.617809        | .5297048        |
| #1     | -.000363        | 12.74044        | 4.526996        | .0207478        | .1268698        | .2801544        |
| #2     | -.000055        | 12.65118        | 4.566698        | .0219570        | .1224353        | .2809280        |
| #3     | -.000260        | 12.72220        | 4.545794        | .0222596        | .1205898        | .2780639        |

|        |                 |
|--------|-----------------|
| Elem   | Li6707          |
| Units  | ppm             |
| Avg    | <b>.0865648</b> |
| Stddev | .0027751        |
| %RSD   | 3.205766        |
| #1     | .0858050        |
| #2     | .0842488        |
| #3     | .0896406        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2135.601</b> | <b>26473.98</b> | <b>2545.260</b> | <b>1810.960</b> | <b>2553.962</b> |
| Stddev    | 6.107           | 478.31          | 16.333          | 37.834          | 8.648           |
| %RSD      | .2859635        | 1.806700        | .6416973        | 2.089157        | .3385952        |
| #1        | 2128.563        | 26981.05        | 2541.482        | 1853.118        | 2544.266        |
| #2        | 2139.506        | 26030.88        | 2531.147        | 1779.958        | 2560.878        |
| #3        | 2138.734        | 26410.02        | 2563.151        | 1799.806        | 2556.742        |

Sample Name: P4964-06DLX2      Acquired: 12/15/2024 20:11:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0205878 | .0387710 | .3347556 | -.058550 | -.010668 | 8.894500 |
| Stddev | .0047189 | .0004725 | .0035648 | .002628  | .001943  | .042868  |
| %RSD   | 22.92088 | 1.218594 | 1.064890 | 4.488867 | 18.21662 | .4819641 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0201370 | .0393151 | .3356638 | -.056616 | -.010087 | 8.925971 |
| #2 | .0161105 | .0384650 | .3308246 | -.057491 | -.009082 | 8.845676 |
| #3 | .0255159 | .0385327 | .3377784 | -.061542 | -.012836 | 8.911853 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1074904 | .0012873 | .0034731 | F 1085.835 | .0284433 | .0632100 |
| Stddev | .0007889 | .0001253 | .0001106 | 5.162      | .0003172 | .0008770 |
| %RSD   | .7339056 | 9.730967 | 3.184252 | .4753758   | 1.115346 | 1.387456 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1067064 | .0011611 | .0033499 | 1091.544 | .0286022 | .0641924 |
| #2 | .1082841 | .0012892 | .0035638 | 1081.497 | .0280780 | .0629319 |
| #3 | .1074805 | .0014116 | .0035057 | 1084.464 | .0286496 | .0625058 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0369218 | 57.14517 | 6.027634 | 589.0823 | .0462274 | -.002671 |
| Stddev | .0067579 | .36438   | .029843  | 3.7937   | .0004690 | .001199  |
| %RSD   | 18.30337 | .6376385 | .4951087 | .6440030 | 1.014559 | 44.86913 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0318045 | 57.56564 | 6.061142 | 593.3228 | .0464282 | -.002859 |
| #2 | .0343785 | 56.92148 | 6.003915 | 586.0101 | .0465626 | -.001390 |
| #3 | .0445823 | 56.94841 | 6.017844 | 587.9141 | .0456914 | -.003765 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.110105 | .0299801 | .5754488 | 4.003403 | 1.062142 | .0423650 |
| Stddev | .322805  | .0122408 | .0088201 | .171481  | .003459  | .0022275 |
| %RSD   | 293.1808 | 40.82979 | 1.532733 | 4.283391 | .3256870 | 5.257923 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.080653 | .0425101 | .5854656 | 3.807408 | 1.060632 | .0398757 |
| #2 | -.446627 | .0293798 | .5720347 | 4.125799 | 1.059695 | .0441703 |
| #3 | .196966  | .0180505 | .5688461 | 4.077004 | 1.066100 | .0430489 |

Sample Name: P4964-06DLX2      Acquired: 12/15/2024 20:11:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ04      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Sr4077          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000281</b> | <b>14.34477</b> | <b>4.498980</b> | <b>.0165135</b> | <b>.0775316</b> | <b>.3352562</b> |
| Stddev | .000121         | .00947          | .057632         | .0017892        | .0011525        | .0017964        |
| %RSD   | 42.92005        | .0659859        | 1.280998        | 10.83465        | 1.486476        | .5358287        |
| #1     | -.000259        | 14.33497        | 4.539268        | .0144958        | .0771506        | .3371308        |
| #2     | -.000411        | 14.35386        | 4.432965        | .0179068        | .0788264        | .3335498        |
| #3     | -.000173        | 14.34548        | 4.524706        | .0171380        | .0766179        | .3350879        |

|        |                 |
|--------|-----------------|
| Elem   | Li6707          |
| Units  | ppm             |
| Avg    | <b>.0890011</b> |
| Stddev | .0032169        |
| %RSD   | 3.614413        |
| #1     | .0923206        |
| #2     | .0887851        |
| #3     | .0858977        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2129.077</b> | <b>26064.97</b> | <b>2569.044</b> | <b>1775.406</b> | <b>2534.256</b> |
| Stddev    | 5.723           | 143.51          | 20.695          | 8.183           | 7.378           |
| %RSD      | .2688007        | .5505808        | .8055342        | .4609342        | .2911116        |
| #1        | 2123.464        | 26078.96        | 2546.923        | 1779.676        | 2526.403        |
| #2        | 2128.864        | 25914.98        | 2587.931        | 1765.971        | 2535.321        |
| #3        | 2134.904        | 26200.97        | 2572.279        | 1780.571        | 2541.043        |

Sample Name: P4964-07DLX2      Acquired: 12/15/2024 20:15:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0173265 | .0353147 | .2859464 | -.041514 | -.012500 | 14.79286 | .1540496 |
| Stddev | .0021743 | .0030730 | .0007500 | .003547  | .001067  | .03936   | .0009491 |
| %RSD   | 12.54874 | 8.701823 | .2622881 | 8.543153 | 8.535161 | .2660825 | .6161038 |
| #1     | .0196004 | .0377825 | .2854064 | -.037789 | -.013394 | 14.74747 | .1529611 |
| #2     | .0152680 | .0318726 | .2868027 | -.041903 | -.011319 | 14.81759 | .1544833 |
| #3     | .0171110 | .0362888 | .2856300 | -.044851 | -.012787 | 14.81353 | .1547044 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015253 | .0034586 | 704.9436 | .0270778 | .0605807 | .0511625 | 53.47552 |
| Stddev | .0000405 | .0002265 | .6007    | .0009052 | .0012177 | .0082588 | .03234   |
| %RSD   | 2.653509 | 6.549629 | .0852059 | 3.342974 | 2.009964 | 16.14234 | .0604732 |
| #1     | .0015208 | .0033072 | 704.9659 | .0280421 | .0591857 | .0442562 | 53.51012 |
| #2     | .0014873 | .0037190 | 704.3322 | .0262464 | .0614306 | .0489204 | 53.44607 |
| #3     | .0015679 | .0033496 | 705.5328 | .0269448 | .0611258 | .0603108 | 53.47036 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.951565 | 372.8150 | .0472412 | -.002620 | .4194837 | .0287027 | .6811752 |
| Stddev | .008880  | .7483    | .0008422 | .000170  | .0951202 | .0024182 | .0035589 |
| %RSD   | .1793436 | .2007104 | 1.782822 | 6.498728 | 22.67555 | 8.425050 | .5224663 |
| #1     | 4.941405 | 372.0391 | .0463273 | -.002513 | .3820003 | .0262434 | .6771677 |
| #2     | 4.957849 | 373.5322 | .0479862 | -.002531 | .3488157 | .0287869 | .6823907 |
| #3     | 4.955440 | 372.8738 | .0474099 | -.002817 | .5276352 | .0310776 | .6839670 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.065751 | 1.503983 | .0207189 | -.000522 | 8.069266 | 5.005588 | .0146236 |
| Stddev | .168981  | .004775  | .0032378 | .000361  | .019024  | .045777  | .0008193 |
| %RSD   | 5.511880 | .3175067 | 15.62742 | 69.23947 | .2357641 | .9145188 | 5.602607 |
| #1     | 2.870842 | 1.507387 | .0173028 | -.000522 | 8.047757 | 5.012041 | .0145365 |
| #2     | 3.171099 | 1.506039 | .0237428 | -.000884 | 8.083887 | 4.956927 | .0154830 |
| #3     | 3.155312 | 1.498525 | .0211110 | -.000161 | 8.076154 | 5.047797 | .0138513 |

Sample Name: P4964-07DLX2      Acquired: 12/15/2024 20:15:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2507548 | .2172195 | .0711650 |
| Stddev | .0053131 | .0006948 | .0020276 |
| %RSD   | 2.118827 | .3198657 | 2.849153 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2446895 | .2164620 | .0721186 |
| #2 | .2545858 | .2178271 | .0725401 |
| #3 | .2529891 | .2173695 | .0688365 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2213.083 | 27007.35 | 2620.922 | 1857.803 | 2660.177 |
| Stddev    | 4.859    | 118.39   | 18.952   | 2.250    | 5.338    |
| %RSD      | .2195778 | .4383496 | .7230891 | .1211206 | .2006588 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2210.238 | 26924.37 | 2606.130 | 1856.352 | 2663.392 |
| #2 | 2218.693 | 26954.75 | 2642.284 | 1860.395 | 2663.125 |
| #3 | 2210.316 | 27142.92 | 2614.353 | 1856.662 | 2654.015 |

Sample Name: P4981-09DLX2      Acquired: 12/15/2024 20:19:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0652130 | .0352257 | .3741820 | -.043309 | -.001759 | 30.54758 | .3148764 |
| Stddev | .0057138 | .0021172 | .0028204 | .004236  | .001117  | .54162   | .0053549 |
| %RSD   | 8.761721 | 6.010425 | .7537397 | 9.781526 | 63.45954 | 1.773043 | 1.700626 |
| #1     | .0614474 | .0343417 | .3717651 | -.045357 | -.002622 | 30.62658 | .3168116 |
| #2     | .0717875 | .0336937 | .3735000 | -.046132 | -.002158 | 31.04537 | .3189946 |
| #3     | .0624041 | .0376416 | .3772808 | -.038438 | -.000498 | 29.97080 | .3088229 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026857 | .0066398 | 682.5472 | .0556928 | .0726062 | .0738480 | 82.39757 |
| Stddev | .0001283 | .0000368 | 12.0187  | .0010317 | .0006978 | .0057742 | 1.70547  |
| %RSD   | 4.775220 | .5545557 | 1.760866 | 1.852512 | .9611091 | 7.818988 | 2.069802 |
| #1     | .0028226 | .0066311 | 685.7775 | .0545403 | .0718091 | .0678906 | 82.82242 |
| #2     | .0026661 | .0066082 | 692.6207 | .0565303 | .0729029 | .0742338 | 83.85045 |
| #3     | .0025683 | .0066802 | 669.2434 | .0560078 | .0731067 | .0794196 | 80.51984 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.770830 | 346.7079 | .0952645 | -.005054 | -.351133 | .0708748 | 1.168135 |
| Stddev | .090826  | 6.6706   | .0010262 | .000737  | .417358  | .0084611 | .013460  |
| %RSD   | 1.903769 | 1.923969 | 1.077187 | 14.59088 | 118.8602 | 11.93812 | 1.152289 |
| #1     | 4.797869 | 348.2323 | .0942338 | -.005163 | .003483  | .0806305 | 1.152756 |
| #2     | 4.845065 | 352.4843 | .0962861 | -.004268 | -.811060 | .0655379 | 1.173881 |
| #3     | 4.669555 | 339.4071 | .0952737 | -.005731 | -.245824 | .0664561 | 1.177769 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.377839 | 2.695910 | .0115147 | .0017552 | 7.906816 | 5.609015 | .0190400 |
| Stddev | .299506  | .010577  | .0018682 | .0000811 | .011006  | .104597  | .0010431 |
| %RSD   | 5.569254 | .3923470 | 16.22427 | 4.623284 | .1391913 | 1.864799 | 5.478432 |
| #1     | 5.298416 | 2.683933 | .0129691 | .0016904 | 7.899139 | 5.642204 | .0202344 |
| #2     | 5.709052 | 2.703969 | .0121671 | .0018462 | 7.919425 | 5.692990 | .0185777 |
| #3     | 5.126051 | 2.699828 | .0094077 | .0017289 | 7.901884 | 5.491850 | .0183080 |



Sample Name: P4981-09DLX2      Acquired: 12/15/2024 20:19:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4274493 | .2425797 | .0952473 |
| Stddev | .0116752 | .0046094 | .0074023 |
| %RSD   | 2.731374 | 1.900154 | 7.771705 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4320292 | .2442548 | .0914200 |
| #2 | .4361402 | .2461173 | .1037798 |
| #3 | .4141785 | .2373670 | .0905422 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2252.007 | 27701.82 | 2698.087 | 1908.511 | 2674.650 |
| Stddev    | 6.889    | 138.80   | 54.940   | 8.222    | 8.650    |
| %RSD      | .3058856 | .5010615 | 2.036266 | .4308050 | .3234078 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2259.900 | 27823.24 | 2682.387 | 1916.459 | 2684.385 |
| #2 | 2247.205 | 27731.71 | 2652.707 | 1909.034 | 2667.848 |
| #3 | 2248.916 | 27550.50 | 2759.169 | 1900.040 | 2671.717 |

Sample Name: P4981-10DLX2      Acquired: 12/15/2024 20:23:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0402329 | .0293406 | .2404410 | -.037326 | .0009096 | 41.47406 | .5123836 |
| Stddev | .0031752 | .0017312 | .0044286 | .002121  | .0043218 | .07362   | .0003570 |
| %RSD   | 7.892062 | 5.900498 | 1.841856 | 5.681184 | 475.1181 | .1774991 | .0696692 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0424889 | .0298891 | .2409226 | -.036093 | -.001013 | 41.42504 | .5127958 |
| #2 | .0416079 | .0307311 | .2357913 | -.039775 | .005859  | 41.55871 | .5121785 |
| #3 | .0366020 | .0274015 | .2446090 | -.036111 | -.002117 | 41.43843 | .5121765 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034850 | .0054322 | 622.6668 | .0621242 | .0768725 | .0926174 | 97.67120 |
| Stddev | .0000974 | .0000306 | .6488    | .0005291 | .0005813 | .0025316 | .16623   |
| %RSD   | 2.795873 | .5637563 | .1042035 | .8516952 | .7561642 | 2.733435 | .1701919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034589 | .0054413 | 622.5472 | .0624792 | .0771108 | .0923862 | 97.49678 |
| #2 | .0034033 | .0054573 | 623.3671 | .0623772 | .0772967 | .0902093 | 97.82781 |
| #3 | .0035928 | .0053981 | 622.0861 | .0615161 | .0762099 | .0952568 | 97.68902 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.302581 | 272.3041 | .1008334 | -.006471 | -.227842 | .0796767 | 1.087856 |
| Stddev | .012178  | 1.0750   | .0007822 | .000434  | 1.212310 | .0104126 | .008729  |
| %RSD   | .2830363 | .3947924 | .7757451 | 6.711527 | 532.0837 | 13.06853 | .8023764 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.291081 | 271.3899 | .1007830 | -.006721 | .793434  | .0814012 | 1.089570 |
| #2 | 4.315339 | 273.4885 | .1016397 | -.006723 | .090640  | .0891194 | 1.095600 |
| #3 | 4.301324 | 272.0340 | .1000777 | -.005970 | -1.56760 | .0685096 | 1.078397 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.413765 | 2.219174 | -.006323 | .0015664 | 5.074706 | 5.097403 | .0146130 |
| Stddev | .203424  | .004159  | .002861  | .0003546 | .011694  | .038286  | .0014700 |
| %RSD   | 3.757537 | .1874186 | 45.25039 | 22.63967 | .2304314 | .7510934 | 10.05927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.266171 | 2.220702 | -.003201 | .0016549 | 5.072212 | 5.053221 | .0162110 |
| #2 | 5.645814 | 2.214467 | -.006946 | .0011759 | 5.064461 | 5.120823 | .0133185 |
| #3 | 5.329312 | 2.222354 | -.008821 | .0018683 | 5.087446 | 5.118166 | .0143094 |

Sample Name: P4981-10DLX2      Acquired: 12/15/2024 20:23:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4706261 | .3407026 | .1117865 |
| Stddev | .0016936 | .0017041 | .0027682 |
| %RSD   | .3598507 | .5001615 | 2.476295 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4725796 | .3396964 | .1087887 |
| #2 | .4695705 | .3426701 | .1123249 |
| #3 | .4697284 | .3397412 | .1142459 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2260.485 | 27591.55 | 2660.617 | 1906.454 | 2698.665 |
| Stddev    | 3.688    | 48.83    | 13.924   | 8.395    | 3.840    |
| %RSD      | .1631396 | .1769597 | .5233196 | .4403205 | .1422784 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2263.795 | 27535.70 | 2676.690 | 1896.988 | 2700.346 |
| #2 | 2261.150 | 27626.11 | 2652.258 | 1909.377 | 2694.271 |
| #3 | 2256.510 | 27612.85 | 2652.903 | 1912.996 | 2701.376 |

Sample Name: P4981-12DLX2      Acquired: 12/15/2024 20:27:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0360381 | .0330728 | .1895551 | -.042117 | .0011928 | 37.48580 | .4889714 |
| Stddev | .0052278 | .0058902 | .0020915 | .002817  | .0036072 | .11519   | .0025331 |
| %RSD   | 14.50635 | 17.80968 | 1.103386 | 6.687539 | 302.4237 | .3072789 | .5180480 |
| #1     | .0382512 | .0394664 | .1875413 | -.044195 | .0040740 | 37.54463 | .4911296 |
| #2     | .0300678 | .0318847 | .1917165 | -.043244 | -.002853 | 37.55970 | .4896019 |
| #3     | .0397955 | .0278672 | .1894073 | -.038911 | .002357  | 37.35308 | .4861825 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033753 | .0091254 | 758.9876 | .0579125 | .0792806 | .0923056 | 99.19681 |
| Stddev | .0002387 | .0001040 | 2.3704   | .0003789 | .0003737 | .0030895 | .32286   |
| %RSD   | 7.072512 | 1.139745 | .3123046 | .6542854 | .4713751 | 3.347068 | .3254704 |
| #1     | .0031775 | .0090556 | 760.1132 | .0582743 | .0793988 | .0891619 | 99.53163 |
| #2     | .0036404 | .0090758 | 760.5854 | .0579447 | .0788621 | .0953380 | 99.17138 |
| #3     | .0033079 | .0092450 | 756.2641 | .0575185 | .0795810 | .0924170 | 98.88742 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.218603 | 334.2941 | .0982018 | -.006181 | -.380732 | .0770918 | 1.712850 |
| Stddev | .017827  | .9425    | .0008891 | .001043  | .363565  | .0085281 | .015481  |
| %RSD   | .4225876 | .2819430 | .9053994 | 16.87435 | 95.49111 | 11.06231 | .9038068 |
| #1     | 4.232896 | 335.0812 | .0991070 | -.005893 | -.293694 | .0704657 | 1.721071 |
| #2     | 4.224285 | 334.5515 | .0981686 | -.007338 | -.068585 | .0740960 | 1.722486 |
| #3     | 4.198627 | 333.2496 | .0973297 | -.005313 | -.779917 | .0867136 | 1.694993 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.353650 | 1.676382 | -.000431 | .0012546 | 11.27071 | 5.648792 | .0160056 |
| Stddev | .166675  | .010088  | .002222  | .0000277 | .01800   | .032898  | .0023695 |
| %RSD   | 3.828404 | .6017739 | 515.1154 | 2.205593 | .1597363 | .5823931 | 14.80434 |
| #1     | 4.544906 | 1.684051 | .001648  | .0012656 | 11.29136 | 5.611039 | .0157615 |
| #2     | 4.276642 | 1.664954 | -.002772 | .0012231 | 11.26244 | 5.671320 | .0137676 |
| #3     | 4.239403 | 1.680140 | -.000170 | .0012751 | 11.25832 | 5.664017 | .0184877 |

Sample Name: P4981-12DLX2      Acquired: 12/15/2024 20:27:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3777257 | .4373447 | .1102490 |
| Stddev | .0016438 | .0010764 | .0045524 |
| %RSD   | .4351734 | .2461160 | 4.129215 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3758841 | .4384995 | .1144169 |
| #2 | .3782487 | .4371653 | .1053909 |
| #3 | .3790443 | .4363693 | .1109392 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2227.992 | 27286.48 | 2659.120 | 1884.919 | 2651.005 |
| Stddev    | 1.838    | 88.79    | 6.781    | 10.751   | 4.649    |
| %RSD      | .0825017 | .3254074 | .2550207 | .5703548 | .1753829 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2227.048 | 27211.36 | 2660.246 | 1881.133 | 2648.871 |
| #2 | 2230.110 | 27263.61 | 2651.846 | 1876.573 | 2656.338 |
| #3 | 2226.818 | 27384.47 | 2665.267 | 1897.050 | 2647.805 |

Sample Name: P4981-16DLX2      Acquired: 12/15/2024 20:30:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJC7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0500587 | .0299737 | .4897726 | -.037774 | -.000181 | 36.06926 | .4325231 |
| Stddev | .0025820 | .0022035 | .0017677 | .003198  | .003361  | 1.58305  | .0196101 |
| %RSD   | 5.158010 | 7.351631 | .3609189 | 8.466471 | 1854.039 | 4.388923 | 4.533878 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0505564 | .0306951 | .4883539 | -.040676 | -.002020 | 35.34319 | .4246749 |
| #2 | .0472641 | .0317261 | .4892110 | -.034345 | -.002222 | 37.88511 | .4548417 |
| #3 | .0523558 | .0274998 | .4917528 | -.038301 | .003698  | 34.97948 | .4180527 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034703 | .0023003 | 557.9262 | .0532856 | .0860646 | .1838533 | 97.31129 |
| Stddev | .0001795 | .0001162 | 24.0923  | .0006990 | .0008447 | .0100556 | 4.37631  |
| %RSD   | 5.172568 | 5.051664 | 4.318188 | 1.311766 | .9814335 | 5.469347 | 4.497223 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032715 | .0024301 | 546.8866 | .0538553 | .0870387 | .1760339 | 95.48975 |
| #2 | .0035187 | .0022650 | 585.5602 | .0525056 | .0855349 | .1951966 | 102.3042 |
| #3 | .0036206 | .0022059 | 541.3320 | .0534959 | .0856202 | .1803296 | 94.1400  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.542770 | 22.30567 | .0867847 | -.004374 | -.274941 | .0844405 | .3130122 |
| Stddev | .301159  | 1.00311  | .0006385 | .000249  | .565031  | .0203697 | .0059544 |
| %RSD   | 4.602933 | 4.497128 | .7357826 | 5.701757 | 205.5104 | 24.12309 | 1.902299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.419340 | 21.81364 | .0861125 | -.004328 | .370510  | .0827880 | .3066659 |
| #2 | 6.886036 | 23.45980 | .0868584 | -.004150 | -.515167 | .1055861 | .3138944 |
| #3 | 6.322935 | 21.64358 | .0873832 | -.004642 | -.680164 | .0649475 | .3184763 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.401698 | 2.960634 | -.002203 | .0010871 | .7139799 | 4.804461 | .0244111 |
| Stddev | .466553  | .013200  | .001753  | .0001295 | .0065680 | .193440  | .0011220 |
| %RSD   | 8.637160 | .4458389 | 79.58381 | 11.90846 | .9199204 | 4.026254 | 4.596386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.059651 | 2.975113 | -.001415 | .0009459 | .7146096 | 4.703623 | .0256475 |
| #2 | 5.933172 | 2.957518 | -.000982 | .0012002 | .7071197 | 5.027485 | .0234575 |
| #3 | 5.212270 | 2.949272 | -.004211 | .0011153 | .7202104 | 4.682274 | .0241283 |

Sample Name: P4981-16DLX2      Acquired: 12/15/2024 20:30:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJC7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4275359 | .2668754 | .0917443 |
| Stddev | .0192747 | .0121729 | .0021559 |
| %RSD   | 4.508330 | 4.561273 | 2.349914 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4177347 | .2618321 | .0914013 |
| #2 | .4497416 | .2807595 | .0940512 |
| #3 | .4151314 | .2580347 | .0897805 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2378.235 | 28964.81 | 2699.822 | 1997.578 | 2862.869 |
| Stddev    | 8.197    | 87.54    | 103.364  | 4.035    | 2.875    |
| %RSD      | .3446843 | .3022133 | 3.828532 | .2019787 | .1004352 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2380.349 | 28865.75 | 2739.394 | 1997.357 | 2863.057 |
| #2 | 2385.169 | 28996.93 | 2582.519 | 1993.659 | 2865.645 |
| #3 | 2369.188 | 29031.75 | 2777.553 | 2001.719 | 2859.903 |

Sample Name: P4981-17DLX2      Acquired: 12/15/2024 20:34:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJC8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0482714 | .0373102 | .5305616 | -.036826 | .0012531 | 23.52776 | .3520360 |
| Stddev | .0031071 | .0021654 | .0025793 | .004429  | .0026580 | .04894   | .0019498 |
| %RSD   | 6.436647 | 5.803653 | .4861423 | 12.02729 | 212.1228 | .2080023 | .5538658 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0458086 | .0390052 | .5276407 | -.032160 | .0041517 | 23.53955 | .3540527 |
| #2 | .0517622 | .0380545 | .5315180 | -.037347 | -.001070 | 23.56972 | .3518945 |
| #3 | .0472434 | .0348709 | .5325261 | -.040972 | .000678  | 23.47400 | .3501608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022993 | .0021072 | 687.4299 | .0426531 | .0762980 | .2277787 | 85.09538 |
| Stddev | .0001393 | .0000677 | 2.3012   | .0007817 | .0009162 | .0086973 | .56989   |
| %RSD   | 6.058991 | 3.214777 | .3347550 | 1.832726 | 1.200833 | 3.818299 | .6697113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022351 | .0021711 | 689.6419 | .0429244 | .0771525 | .2362056 | 85.43764 |
| #2 | .0022038 | .0020362 | 687.5990 | .0432630 | .0764111 | .2188342 | 85.41100 |
| #3 | .0024592 | .0021143 | 685.0488 | .0417718 | .0753305 | .2282962 | 84.43751 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.472475 | 14.09182 | .0655631 | -.005056 | .1741932 | .0641134 | .3000135 |
| Stddev | .029216  | .10619   | .0008857 | .001005  | .6638314 | .0078544 | .0028114 |
| %RSD   | .3084332 | .7535603 | 1.350919 | 19.87759 | 381.0892 | 12.25074 | .9370976 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.490375 | 14.00735 | .0665536 | -.004824 | -.475153 | .0651835 | .2984039 |
| #2 | 9.488289 | 14.21103 | .0648473 | -.004186 | .146113  | .0557788 | .2983768 |
| #3 | 9.438760 | 14.05708 | .0652884 | -.006156 | .851619  | .0713778 | .3032598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.748194 | 2.956434 | -.010042 | .0018587 | .5559010 | 4.844928 | .0169948 |
| Stddev | .023978  | .017931  | .001463  | .0004707 | .0033172 | .035765  | .0004623 |
| %RSD   | .8724828 | .6064989 | 14.56457 | 25.32236 | .5967293 | .7381885 | 2.719980 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.772586 | 2.957334 | -.008644 | .0013165 | .5549171 | 4.867713 | .0165501 |
| #2 | 2.747342 | 2.938070 | -.011562 | .0021618 | .5531871 | 4.863365 | .0174728 |
| #3 | 2.724654 | 2.973897 | -.009920 | .0020978 | .5595989 | 4.803707 | .0169616 |



Sample Name: P4981-17DLX2      Acquired: 12/15/2024 20:34:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJC8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3939249 | .3525819 | .0721427 |
| Stddev | .0038513 | .0006107 | .0040180 |
| %RSD   | .9776744 | .1732111 | 5.569579 |
| #1     | .3971412 | .3526741 | .0755650 |
| #2     | .3896570 | .3531413 | .0677185 |
| #3     | .3949765 | .3519303 | .0731445 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2349.326 | 28649.13 | 2710.423 | 1976.455 | 2812.804 |
| Stddev    | 12.633   | 35.20    | 15.813   | 8.815    | 15.238   |
| %RSD      | .5377147 | .1228640 | .5834175 | .4459930 | .5417363 |
| #1        | 2337.437 | 28637.11 | 2695.588 | 1970.607 | 2803.998 |
| #2        | 2362.590 | 28621.52 | 2708.621 | 1986.594 | 2830.399 |
| #3        | 2347.952 | 28688.77 | 2727.060 | 1972.164 | 2804.014 |

Sample Name: P4981-21DLX2      Acquired: 12/15/2024 20:38:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJD0      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0431154</b> | <b>.0339176</b> | <b>.5292801</b> | <b>-.039204</b> | <b>-.004658</b> | <b>30.56218</b> | <b>.3365873</b> |
| Stddev | .0035779        | .0031621        | .0023616        | .005103         | .002983         | .16627          | .0010498        |
| %RSD   | 8.298450        | 9.323014        | .4461972        | 13.01551        | 64.05214        | .5440493        | .3119068        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0466375</b> | <b>.0375473</b> | <b>.5269739</b> | <b>-.033318</b> | <b>-.005660</b> | <b>30.70762</b> | <b>.3377643</b> |
| #2 | <b>.0394842</b> | <b>.0324469</b> | <b>.5291727</b> | <b>-.041930</b> | <b>-.007011</b> | <b>30.59800</b> | <b>.3362502</b> |
| #3 | <b>.0432246</b> | <b>.0317587</b> | <b>.5316935</b> | <b>-.042365</b> | <b>-.001302</b> | <b>30.38091</b> | <b>.3357474</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0025413</b> | <b>.0022334</b> | <b>577.8883</b> | <b>.0479572</b> | <b>.0796739</b> | <b>.2212752</b> | <b>82.09128</b> |
| Stddev | .0000216        | .0001170        | 2.6915          | .0011637        | .0006594        | .0039553        | .39308          |
| %RSD   | .8504023        | 5.239375        | .4657502        | 2.426472        | .8275998        | 1.787497        | .4788367        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0025302</b> | <b>.0022405</b> | <b>580.9662</b> | <b>.0478724</b> | <b>.0793476</b> | <b>.2167110</b> | <b>82.48935</b> |
| #2 | <b>.0025662</b> | <b>.0023467</b> | <b>576.7222</b> | <b>.0468383</b> | <b>.0792413</b> | <b>.2236991</b> | <b>82.08111</b> |
| #3 | <b>.0025275</b> | <b>.0021130</b> | <b>575.9764</b> | <b>.0491610</b> | <b>.0804328</b> | <b>.2234155</b> | <b>81.70338</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.230869</b> | <b>17.46062</b> | <b>.0781915</b> | <b>-.005213</b> | <b>.0597202</b> | <b>.0787750</b> | <b>.4114846</b> |
| Stddev | .026602         | .11208          | .0002750        | .001064         | .0829389        | .0111292        | .0098640        |
| %RSD   | .4269408        | .6419205        | .3516729        | 20.40816        | 138.8791        | 14.12778        | 2.397180        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>6.261172</b> | <b>17.44687</b> | <b>.0779148</b> | <b>-.004029</b> | <b>.1522484</b> | <b>.0900690</b> | <b>.4226589</b> |
| #2 | <b>6.220070</b> | <b>17.57894</b> | <b>.0784647</b> | <b>-.005520</b> | <b>-.007939</b> | <b>.0784377</b> | <b>.4039868</b> |
| #3 | <b>6.211364</b> | <b>17.35604</b> | <b>.0781951</b> | <b>-.006089</b> | <b>.034851</b>  | <b>.0678183</b> | <b>.4078082</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.188640</b> | <b>3.679207</b> | <b>-.010271</b> | <b>.0006016</b> | <b>.6521161</b> | <b>4.979529</b> | <b>.0174169</b> |
| Stddev | .131239         | .012684         | .001703         | .0007054        | .0019124        | .034229         | .0007829        |
| %RSD   | 4.115829        | .3447402        | 16.58240        | 117.2518        | .2932632        | .6873849        | 4.495077        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.045680</b> | <b>3.666514</b> | <b>-.012146</b> | <b>.0007261</b> | <b>.6521727</b> | <b>4.940033</b> | <b>.0166110</b> |
| #2 | <b>3.303657</b> | <b>3.679226</b> | <b>-.009845</b> | <b>-.000158</b> | <b>.6501760</b> | <b>5.000553</b> | <b>.0181746</b> |
| #3 | <b>3.216584</b> | <b>3.691882</b> | <b>-.008821</b> | <b>.001236</b>  | <b>.6539995</b> | <b>4.998001</b> | <b>.0174651</b> |

Sample Name: P4981-21DLX2      Acquired: 12/15/2024 20:38:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJD0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5001493 | .2577250 | .0766935 |
| Stddev | .0029152 | .0010363 | .0041478 |
| %RSD   | .5828674 | .4020821 | 5.408299 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4971410 | .2588087 | .0813463 |
| #2 | .5029615 | .2576226 | .0733832 |
| #3 | .5003454 | .2567438 | .0753510 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2349.332 | 28578.67 | 2719.999 | 1974.588 | 2846.073 |
| Stddev    | 7.439    | 129.69   | 6.117    | 10.226   | 8.127    |
| %RSD      | .3166458 | .4538160 | .2248823 | .5178641 | .2855459 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2343.289 | 28540.00 | 2727.055 | 1968.837 | 2842.357 |
| #2 | 2347.067 | 28723.31 | 2716.182 | 1986.394 | 2840.468 |
| #3 | 2357.641 | 28472.72 | 2716.762 | 1968.532 | 2855.393 |

Sample Name: P4983-01DLX2      Acquired: 12/15/2024 20:42:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ97      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0206098 | .0353442 | .1350834 | -.044417 | -.008502 | 17.24112 | .1575209 |
| Stddev | .0002704 | .0027011 | .0018525 | .002041  | .001162  | .08499   | .0002949 |
| %RSD   | 1.312119 | 7.642145 | 1.371414 | 4.595683 | 13.66191 | .4929674 | .1871972 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0202984 | .0361715 | .1367870 | -.046338 | -.009840 | 17.29887 | .1578429 |
| #2 | .0207858 | .0375349 | .1331113 | -.042274 | -.007760 | 17.14353 | .1572640 |
| #3 | .0207453 | .0323263 | .1353520 | -.044638 | -.007906 | 17.28096 | .1574559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015236 | .0018262 | 540.8279 | .0299884 | .0670316 | .0851532 | 54.10683 |
| Stddev | .0001755 | .0001702 | 1.7628   | .0006198 | .0003128 | .0119511 | .12691   |
| %RSD   | 11.51659 | 9.321015 | .3259389 | 2.066923 | .4666125 | 14.03487 | .2345502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017127 | .0016434 | 541.9321 | .0292822 | .0671732 | .0846503 | 54.06943 |
| #2 | .0014919 | .0018551 | 538.7949 | .0304425 | .0672485 | .0734615 | 54.00282 |
| #3 | .0013661 | .0019802 | 541.7566 | .0302405 | .0666730 | .0973479 | 54.24823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.656284 | 155.5086 | .0488716 | -.003043 | 1.110411 | .0364478 | .2022888 |
| Stddev | .029517  | .7669    | .0009641 | .001395  | .534403  | .0069116 | .0093136 |
| %RSD   | .4434402 | .4931650 | 1.972682 | 45.84833 | 48.12663 | 18.96316 | 4.604120 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.640545 | 155.3957 | .0486462 | -.004445 | .666617  | .0388989 | .1915711 |
| #2 | 6.637974 | 154.8045 | .0480402 | -.001655 | .960997  | .0417997 | .2068782 |
| #3 | 6.690335 | 156.3258 | .0499284 | -.003028 | 1.703620 | .0286446 | .2084170 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.546456 | 2.567624 | .0070074 | -.000508 | 3.348028 | 5.090214 | .0103993 |
| Stddev | .111769  | .008094  | .0009552 | .000118  | .024422  | .015836  | .0011154 |
| %RSD   | 4.389190 | .3152344 | 13.63128 | 23.27540 | .7294479 | .3111094 | 10.72607 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.435548 | 2.558644 | .0061398 | -.000496 | 3.330989 | 5.104643 | .0095363 |
| #2 | 2.659066 | 2.569868 | .0068514 | -.000632 | 3.337088 | 5.073271 | .0100028 |
| #3 | 2.544752 | 2.574359 | .0080310 | -.000396 | 3.376008 | 5.092728 | .0116589 |

Sample Name: P4983-01DLX2      Acquired: 12/15/2024 20:42:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ97      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2338738 | .3076446 | .0599515 |
| Stddev | .0042738 | .0015231 | .0002267 |
| %RSD   | 1.827398 | .4950893 | .3781299 |
| #1     | .2377505 | .3076425 | .0598227 |
| #2     | .2292909 | .3061225 | .0602133 |
| #3     | .2345801 | .3091687 | .0598186 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2313.695 | 28184.98 | 2712.317 | 1946.572 | 2754.925 |
| Stddev    | 13.570   | 130.99   | 7.617    | 12.180   | 14.271   |
| %RSD      | .5865263 | .4647533 | .2808455 | .6257231 | .5180356 |
| #1        | 2318.488 | 28320.90 | 2704.706 | 1960.457 | 2765.137 |
| #2        | 2324.219 | 28059.55 | 2719.941 | 1941.574 | 2761.020 |
| #3        | 2298.379 | 28174.49 | 2712.303 | 1937.687 | 2738.618 |

Sample Name: CCV031      Acquired: 12/15/2024 20:46:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV031      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.796555 | 4.774283 | 23.65928 | 4.578429 | 4.618039 | 387.1480 | 9.698918 |
| Stddev | .029917  | .007653  | .01437   | .018145  | .010180  | 2.8607   | .086273  |
| %RSD   | .6237156 | .1602891 | .0607517 | .3963175 | .2204391 | .7389076 | .8895164 |
| #1     | 4.770308 | 4.766443 | 23.64268 | 4.557523 | 4.606292 | 383.9890 | 9.603629 |
| #2     | 4.790229 | 4.774672 | 23.66743 | 4.590082 | 4.623546 | 389.5636 | 9.771725 |
| #3     | 4.829129 | 4.781734 | 23.66772 | 4.587682 | 4.624280 | 387.8914 | 9.721400 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4764193  | 2.373121 | 394.7297 | 14.63634 | 2.359461 | 14.46023 | 395.4205 |
| Stddev | .0055689 | .002378  | 2.7959   | .12033   | .002603  | .14472   | 3.3321   |
| %RSD   | 1.168901 | .1001988 | .7082975 | .8221266 | .1103280 | 1.000810 | .8426695 |
| #1     | 4725703  | 2.370396 | 391.6633 | 14.74416 | 2.360624 | 14.30111 | 391.7682 |
| #2     | 4828049  | 2.374195 | 397.1375 | 14.65832 | 2.361279 | 14.58400 | 398.2947 |
| #3     | 4738828  | 2.374774 | 395.3882 | 14.50653 | 2.356479 | 14.49557 | 396.1986 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.28476 | 385.2191 | 2.383000 | 1.192693 | 390.8594 | 2.381523 | 14.40428 |
| Stddev | .11088   | 3.2978   | .006700  | .007985  | 5.0015   | .035427  | .07062   |
| %RSD   | .7762411 | .8560876 | .2811501 | .6695052 | 1.279607 | 1.487584 | .4902645 |
| #1     | 14.16542 | 381.5794 | 2.379139 | 1.198433 | 385.1272 | 2.340616 | 14.47322 |
| #2     | 14.38461 | 388.0085 | 2.390736 | 1.196073 | 394.3345 | 2.402200 | 14.33210 |
| #3     | 14.30424 | 386.0694 | 2.379124 | 1.183574 | 393.1166 | 2.401754 | 14.40751 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 144.8891 | 4.755438 | 4.612382 | 4.587372 | 4.779230 | 4.786604 | 4.795712 |
| Stddev | 1.0374   | .015104  | .035836  | .010087  | .007610  | .047502  | .006947  |
| %RSD   | .7160099 | .3176166 | .7769585 | .2198827 | .1592295 | .9923936 | .1448499 |
| #1     | 143.7695 | 4.751386 | 4.583432 | 4.577738 | 4.773688 | 4.746832 | 4.793993 |
| #2     | 145.8179 | 4.772154 | 4.652463 | 4.597857 | 4.787906 | 4.839202 | 4.803356 |
| #3     | 145.0799 | 4.742772 | 4.601252 | 4.586522 | 4.776095 | 4.773777 | 4.789785 |

Sample Name: CCV031      Acquired: 12/15/2024 20:46:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV031      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.820996 | 4.553172 | 4.973007 |
| Stddev | .037825  | .038016  | .043323  |
| %RSD   | .7845912 | .8349383 | .8711693 |
| #1     | 4.778907 | 4.511608 | 4.925844 |
| #2     | 4.852146 | 4.586184 | 5.011033 |
| #3     | 4.831934 | 4.561723 | 4.982144 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1945.445 | 25569.53 | 2529.170 | 1702.264 | 2572.430 |
| Stddev    | 5.584    | 132.57   | 22.143   | 8.459    | 6.636    |
| %RSD      | .2870173 | .5184694 | .8755017 | .4969037 | .2579854 |
| #1        | 1944.931 | 25424.30 | 2547.983 | 1693.454 | 2568.635 |
| #2        | 1940.136 | 25600.24 | 2504.768 | 1703.019 | 2568.562 |
| #3        | 1951.268 | 25684.05 | 2534.759 | 1710.320 | 2580.093 |

Sample Name: CCB031      Acquired: 12/15/2024 20:50:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB031      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000565</b> | <b>.0023944</b> | <b>-.000829</b> | <b>-.002702</b> | <b>-.001441</b> | <b>-.006655</b> | <b>.0015460</b> |
| Stddev | .002728         | .0019282        | .001312         | .001491         | .003150         | .033072         | .0009934        |
| %RSD   | 483.1579        | 80.53030        | 158.2804        | 55.17516        | 218.6174        | 496.9391        | 64.25451        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001600  | .0044800 | .000264  | -.002453 | .000873  | .021884  | .0024513 |
| #2 | .000335  | .0020266 | -.000467 | -.004302 | -.005028 | -.042900 | .0017033 |
| #3 | -.003628 | .0006766 | -.002285 | -.001352 | -.000168 | .001051  | .0004834 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000224</b> | <b>.0000038</b> | <b>-.026612</b> | <b>-.000390</b> | <b>-.000017</b> | <b>-.005273</b> | <b>-.001321</b> |
| Stddev | .0001412        | .0001139        | .031489         | .000194         | .000118         | .007463         | .017148         |
| %RSD   | 630.4026        | 3037.889        | 118.3248        | 49.59293        | 678.3342        | 141.5306        | 1298.041        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000271 | .0000416 | -.037044 | -.000539 | -.000154 | .002687  | -.016269 |
| #2 | -.000121 | -.000124 | .008769  | -.000460 | .000052  | -.006393 | .017398  |
| #3 | .000161  | .000094  | -.051562 | -.000172 | .000050  | -.012114 | -.005092 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0020680</b> | <b>-.014560</b> | <b>-.000244</b> | <b>-.000053</b> | <b>-.416739</b> | <b>-.001350</b> | <b>-.008723</b> |
| Stddev | .0004700        | .098300         | .000385         | .000705         | .811550         | .004818         | .003740         |
| %RSD   | 22.72888        | 675.1223        | 157.5020        | 1327.799        | 194.7381        | 356.8639        | 42.87763        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024221 | -.110770 | -.000072 | .000429  | -.138023 | .000809  | -.004814 |
| #2 | .0015347 | .085705  | .000024  | -.000862 | .218727  | .002010  | -.009087 |
| #3 | .0022471 | -.018616 | -.000686 | .000274  | -1.33092 | -.006870 | -.012268 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5316412</b> | <b>-.000037</b> | <b>.0081707</b> | <b>-.000027</b> | <b>-.006308</b> | <b>.0026128</b> | <b>-.000554</b> |
| Stddev | .2790192        | .000691         | .0014571        | .000120         | .001734         | .0001624        | .000743         |
| %RSD   | 52.48262        | 1848.961        | 17.83396        | 448.1461        | 27.48945        | 6.214524        | 134.0989        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5830234 | -.000614 | .0071921 | .000111  | -.008024 | .0027865 | -.000813 |
| #2 | .7813980 | -.000226 | .0074746 | -.000083 | -.004556 | .0025872 | -.001132 |
| #3 | .2305020 | .000728  | .0098453 | -.000108 | -.006344 | .0024648 | .000284  |



Sample Name: CCB031      Acquired: 12/15/2024 20:50:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB031      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001296 | .0002333 | -.000453 |
| Stddev | .002491  | .0002108 | .005227  |
| %RSD   | 192.2241 | 90.34176 | 1153.330 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003693 | .0002643 | .000097  |
| #2 | .001280  | .0000088 | .004477  |
| #3 | -.001475 | .0004269 | -.005934 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2331.339 | 28229.18 | 2569.856 | 1965.755 | 3260.002 |
| Stddev    | 11.092   | 37.29    | 21.910   | 3.025    | 13.014   |
| %RSD      | .4757777 | .1321048 | .8525723 | .1538971 | .3992075 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2334.538 | 28216.40 | 2593.593 | 1962.403 | 3262.956 |
| #2 | 2318.998 | 28271.19 | 2565.565 | 1968.281 | 3245.765 |
| #3 | 2340.479 | 28199.97 | 2550.408 | 1966.582 | 3271.285 |

Sample Name: P4983-04DLX2      Acquired: 12/15/2024 20:54:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0312581 | .0418118 | .1798553 | -.037916 | -.003238 | 17.79329 |
| Stddev | .0017318 | .0043657 | .0008235 | .004450  | .001288  | .06924   |
| %RSD   | 5.540209 | 10.44124 | .4578659 | 11.73746 | 39.78627 | .3891182 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0327144 | .0428128 | .1801562 | -.032778 | -.003570 | 17.87312 |
| #2 | .0317166 | .0370326 | .1789237 | -.040396 | -.001816 | 17.74958 |
| #3 | .0293432 | .0455901 | .1804861 | -.040573 | -.004328 | 17.75717 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3400505 | .0015629 | .0024069 | F 840.4763 | .0270531 | .0676666 |
| Stddev | .0015431 | .0001873 | .0000746 | .4629      | .0008623 | .0008949 |
| %RSD   | .4537944 | 11.98206 | 3.099873 | .0550736   | 3.187555 | 1.322557 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3385716 | .0015131 | .0024886 | 840.9737 | .0261516 | .0681604 |
| #2 | .3416507 | .0017700 | .0023423 | 840.3970 | .0271377 | .0682058 |
| #3 | .3399290 | .0014055 | .0023900 | 840.0582 | .0278701 | .0666335 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1444604 | 77.95980 | 11.43519 | 65.74364 | .0523550 | -.003486 |
| Stddev | .0089338 | .25262   | .02578   | .45434   | .0001363 | .000979  |
| %RSD   | 6.184227 | .3240409 | .2254664 | .6910717 | .2603491 | 28.07877 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1404549 | 78.06969 | 11.43855 | 66.26391 | .0521997 | -.002638 |
| #2 | .1382303 | 78.13886 | 11.45912 | 65.42511 | .0524102 | -.004557 |
| #3 | .1546959 | 77.67084 | 11.40789 | 65.54190 | .0524550 | -.003263 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.279917 | .0441240 | .1994517 | 2.438141 | 3.526831 | -.002576 |
| Stddev | .630586  | .0010208 | .0019255 | .122191  | .017014  | .000466  |
| %RSD   | 225.2763 | 2.313488 | .9653862 | 5.011633 | .4824217 | 18.09375 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .051220  | .0437801 | .2015433 | 2.417736 | 3.522789 | -.002099 |
| #2 | -1.00709 | .0452724 | .1977529 | 2.327437 | 3.512201 | -.003030 |
| #3 | .11612   | .0433197 | .1990588 | 2.569249 | 3.545502 | -.002601 |

Sample Name: P4983-04DLX2      Acquired: 12/15/2024 20:54:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048735 | 1.594908 | 6.486310 | .0165203 | .2977510 | .3758968 |
| Stddev | .0007552 | .004958  | .025900  | .0019602 | .0139727 | .0004693 |
| %RSD   | 15.49709 | .3108682 | .3993013 | 11.86561 | 4.692756 | .1248495 |
| #1     | .0045984 | 1.589193 | 6.507688 | .0183940 | .2939339 | .3761757 |
| #2     | .0057277 | 1.597468 | 6.457509 | .0166832 | .2860835 | .3761598 |
| #3     | .0042943 | 1.598062 | 6.493732 | .0144837 | .3132356 | .3753550 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0776711 |
| Stddev | .0035806 |
| %RSD   | 4.609923 |
| #1     | .0810402 |
| #2     | .0739111 |
| #3     | .0780620 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2324.027 | 28096.76 | 2735.498 | 1952.828 | 2740.978 |
| Stddev    | 6.494    | 125.56   | 4.619    | 9.387    | 8.382    |
| %RSD      | .2794395 | .4469009 | .1688617 | .4806985 | .3058058 |
| #1        | 2325.348 | 28207.29 | 2732.182 | 1960.461 | 2745.242 |
| #2        | 2329.759 | 27960.23 | 2740.774 | 1942.346 | 2746.371 |
| #3        | 2316.974 | 28122.78 | 2733.539 | 1955.676 | 2731.322 |

Sample Name: P4983-05DLX2      Acquired: 12/15/2024 20:57:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1460528 | .0447168 | .2246662 | -.023257 | .0082991 | 33.22216 | .5106236 |
| Stddev | .0034333 | .0027028 | .0022438 | .001001  | .0030887 | .07500   | .0016452 |
| %RSD   | 2.350740 | 6.044302 | .9987266 | 4.302530 | 37.21700 | .2257576 | .3222026 |
| #1     | .1495451 | .0461679 | .2231220 | -.023883 | .0048304 | 33.14693 | .5088264 |
| #2     | .1459317 | .0463841 | .2272400 | -.023785 | .0107516 | 33.22263 | .5120555 |
| #3     | .1426817 | .0415983 | .2236364 | -.022103 | .0093154 | 33.29693 | .5109889 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039528 | .0029806 | 510.0677 | .0528397 | .1263164 | .5748891 | 130.4930 |
| Stddev | .0000463 | .0001154 | 1.0792   | .0009125 | .0005516 | .0051568 | .1125    |
| %RSD   | 1.171723 | 3.872166 | .2115767 | 1.726860 | .4366414 | .8970151 | .0862187 |
| #1     | .0039377 | .0028839 | 508.9837 | .0530230 | .1267399 | .5785997 | 130.4487 |
| #2     | .0040048 | .0029496 | 510.0774 | .0518495 | .1256927 | .5690006 | 130.6209 |
| #3     | .0039160 | .0031084 | 511.1421 | .0536466 | .1265165 | .5770668 | 130.4094 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.95168 | 54.96190 | .1204869 | -.006549 | -.041979 | .0919281 | .2885366 |
| Stddev | .03123   | .06831   | .0005187 | .001228  | .609320  | .0073684 | .0029497 |
| %RSD   | .1957481 | .1242770 | .4304860 | 18.74869 | 1451.504 | 8.015381 | 1.022296 |
| #1     | 15.91651 | 54.92335 | .1199727 | -.007137 | -.516499 | .0840562 | .2912334 |
| #2     | 15.96238 | 54.92157 | .1210099 | -.005137 | .645164  | .0986602 | .2853865 |
| #3     | 15.97615 | 55.04076 | .1204781 | -.007372 | -.254600 | .0930678 | .2889898 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.268033 | 8.588836 | -.005742 | .0003410 | 2.031171 | 5.764875 | .0205499 |
| Stddev | .119381  | .010255  | .000873  | .0004723 | .005311  | .036635  | .0005224 |
| %RSD   | 1.904608 | .1193979 | 15.20623 | 138.4945 | .2614576 | .6354794 | 2.542029 |
| #1     | 6.131868 | 8.587582 | -.004782 | .0008553 | 2.035350 | 5.723381 | .0211152 |
| #2     | 6.317511 | 8.579266 | -.006490 | .0002408 | 2.032967 | 5.778500 | .0204496 |
| #3     | 6.354721 | 8.599661 | -.005955 | -.000073 | 2.025195 | 5.792745 | .0200850 |

Sample Name: P4983-05DLX2      Acquired: 12/15/2024 20:57:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2993138 | .3440252 | .0760489 |
| Stddev | .0031768 | .0008838 | .0061189 |
| %RSD   | 1.061356 | .2568962 | 8.046028 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2999996 | .3430128 | .0810514 |
| #2 | .3020917 | .3444204 | .0778689 |
| #3 | .2958502 | .3446424 | .0692265 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2432.806 | 29882.14 | 2845.025 | 2066.408 | 2828.074 |
| Stddev    | 1.155    | 399.59   | 14.899   | 27.270   | 4.045    |
| %RSD      | .0474801 | 1.337222 | .5236713 | 1.319692 | .1430435 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2431.662 | 29701.15 | 2861.684 | 2048.261 | 2823.409 |
| #2 | 2432.785 | 30340.20 | 2832.978 | 2097.768 | 2830.614 |
| #3 | 2433.972 | 29605.06 | 2840.413 | 2053.194 | 2830.199 |

Sample Name: P4983-07DLX2      Acquired: 12/15/2024 21:01:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0286904 | .0357888 | .2283958 | -.042807 | -.003359 | 31.84540 | .4283256 |
| Stddev | .0014991 | .0034690 | .0025725 | .004843  | .002230  | .03242   | .0012157 |
| %RSD   | 5.225177 | 9.692909 | 1.126326 | 11.31323 | 66.38881 | .1017896 | .2838161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0287159 | .0368982 | .2261463 | -.039387 | -.005640 | 31.88210 | .4297025 |
| #2 | .0301766 | .0385674 | .2278404 | -.040686 | -.001184 | 31.82068 | .4278736 |
| #3 | .0271786 | .0319009 | .2312006 | -.048349 | -.003253 | 31.83341 | .4274007 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028795 | .0032226 | 741.6617 | .0545773 | .0721517 | .0734568 | 84.33893 |
| Stddev | .0001431 | .0001311 | 2.0847   | .0005919 | .0007492 | .0021906 | .37402   |
| %RSD   | 4.969021 | 4.068327 | .2810801 | 1.084546 | 1.038317 | 2.982208 | .4434675 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029958 | .0031792 | 743.2454 | .0548956 | .0729816 | .0750525 | 84.55375 |
| #2 | .0027197 | .0033699 | 739.2999 | .0549421 | .0715253 | .0709592 | 83.90706 |
| #3 | .0029230 | .0031187 | 742.4399 | .0538944 | .0719483 | .0743588 | 84.55598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.525192 | 335.5861 | .0884927 | -.004619 | -.408238 | .0586644 | .5797037 |
| Stddev | .017012  | .5314    | .0012635 | .001257  | .433508  | .0111131 | .0102074 |
| %RSD   | .3759460 | .1583448 | 1.427759 | 27.21704 | 106.1900 | 18.94346 | 1.760790 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.533730 | 335.9617 | .0896943 | -.003239 | -.891380 | .0636470 | .5912055 |
| #2 | 4.505602 | 334.9781 | .0871753 | -.004918 | -.053267 | .0664142 | .5761825 |
| #3 | 4.536244 | 335.8184 | .0886085 | -.005700 | -.280068 | .0459319 | .5717231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.704699 | 2.441388 | .0019019 | .0017844 | 8.015205 | 6.116597 | .0150588 |
| Stddev | .299341  | .006379  | .0014521 | .0003820 | .018499  | .050105  | .0019116 |
| %RSD   | 6.362589 | .2612911 | 76.34801 | 21.40804 | .2308008 | .8191660 | 12.69445 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.906069 | 2.437851 | .0016816 | .0020740 | 7.999765 | 6.173348 | .0137587 |
| #2 | 4.360719 | 2.448752 | .0005726 | .0013515 | 8.010140 | 6.097967 | .0141639 |
| #3 | 4.847309 | 2.437560 | .0034515 | .0019278 | 8.035709 | 6.078475 | .0172537 |

Sample Name: P4983-07DLX2      Acquired: 12/15/2024 21:01:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3510031 | .4384679 | .1094353 |
| Stddev | .0048343 | .0016890 | .0037556 |
| %RSD   | 1.377292 | .3852095 | 3.431795 |
| #1     | .3519568 | .4401800 | .1093210 |
| #2     | .3457630 | .4368029 | .1132467 |
| #3     | .3552895 | .4384207 | .1057382 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2208.037 | 26951.45 | 2631.631 | 1857.545 | 2644.645 |
| Stddev    | 8.824    | 90.61    | 1.032    | 4.525    | 7.563    |
| %RSD      | .3996446 | .3361843 | .0391998 | .2435815 | .2859919 |
| #1        | 2212.195 | 27025.51 | 2632.518 | 1854.317 | 2650.866 |
| #2        | 2214.014 | 26850.42 | 2631.876 | 1862.717 | 2646.843 |
| #3        | 2197.902 | 26978.43 | 2630.499 | 1855.602 | 2636.226 |

Sample Name: P4983-13DLX2      Acquired: 12/15/2024 21:05:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0158353 | .0287695 | .1695410 | -.035690 | .0060345 | 53.26398 | .7558174 |
| Stddev | .0053820 | .0023871 | .0015156 | .006954  | .0017770 | .20222   | .0052858 |
| %RSD   | 33.98754 | 8.297479 | .8939278 | 19.48409 | 29.44802 | .3796546 | .6993496 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106290 | .0311458 | .1678741 | -.028947 | .0042579 | 53.43617 | .7596592 |
| #2 | .0154995 | .0263716 | .1708360 | -.042837 | .0078119 | 53.31448 | .7580038 |
| #3 | .0213773 | .0287911 | .1699129 | -.035286 | .0060336 | 53.04130 | .7497892 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045057 | .0043041 | 633.1551 | .0774970 | .0897673 | .1078775 | 111.7264 |
| Stddev | .0001065 | .0000801 | 2.2969   | .0008984 | .0005433 | .0047538 | .6256    |
| %RSD   | 2.364137 | 1.861477 | .3627652 | 1.159310 | .6051763 | 4.406638 | .5599021 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044579 | .0043849 | 635.3595 | .0764885 | .0891900 | .1071893 | 112.1560 |
| #2 | .0044315 | .0042246 | 633.3300 | .0782120 | .0898432 | .1035053 | 112.0144 |
| #3 | .0046278 | .0043029 | 630.7758 | .0777904 | .0902686 | .1129379 | 111.0087 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.757352 | 237.2700 | .1271727 | -.006473 | .3373296 | .0902082 | .7241321 |
| Stddev | .020868  | 1.0886   | .0004372 | .000848  | .0859160 | .0094410 | .0156648 |
| %RSD   | .5553940 | .4587973 | .3437521 | 13.09629 | 25.46944 | 10.46580 | 2.163258 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.773980 | 237.8682 | .1276668 | -.006556 | .2979145 | .0793093 | .7341774 |
| #2 | 3.764141 | 237.9283 | .1268361 | -.007276 | .4358813 | .0958657 | .7321365 |
| #3 | 3.733935 | 236.0135 | .1270151 | -.005587 | .2781931 | .0954495 | .7060823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.034430 | 1.922843 | -.012418 | .0028147 | 4.385270 | 5.962303 | .0155390 |
| Stddev | .117521  | .002578  | .001490  | .0005223 | .023872  | .004005  | .0018514 |
| %RSD   | 3.872912 | .1340492 | 11.99580 | 18.55795 | .5443568 | .0671690 | 11.91428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.071070 | 1.924921 | -.012831 | .0022619 | 4.379297 | 5.963159 | .0175925 |
| #2 | 3.129266 | 1.919959 | -.010765 | .0033000 | 4.364952 | 5.957940 | .0139976 |
| #3 | 2.902954 | 1.923650 | -.013657 | .0028820 | 4.411561 | 5.965811 | .0150270 |



Sample Name: P4983-13DLX2      Acquired: 12/15/2024 21:05:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4487497 | .7992943 | .1409115 |
| Stddev | .0040461 | .0057455 | .0070027 |
| %RSD   | .9016347 | .7188191 | 4.969534 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4441098 | .8027520 | .1480337 |
| #2 | .4515435 | .8024688 | .1406660 |
| #3 | .4505957 | .7926620 | .1340349 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2234.386 | 27162.08 | 2606.595 | 1862.251 | 2686.989 |
| Stddev    | 1.475    | 40.57    | 5.970    | 2.999    | 4.192    |
| %RSD      | .0660321 | .1493547 | .2290398 | .1610213 | .1560106 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2235.896 | 27117.35 | 2599.701 | 1859.793 | 2691.761 |
| #2 | 2232.947 | 27172.39 | 2610.022 | 1861.369 | 2683.901 |
| #3 | 2234.314 | 27196.49 | 2610.061 | 1865.592 | 2685.305 |

Sample Name: P4983-14DLX2      Acquired: 12/15/2024 21:09:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0165026 | .0333681 | .2309090 | -.042496 | -.014137 | 11.11895 | .0893738 |
| Stddev | .0035862 | .0023589 | .0049900 | .006559  | .001999  | .03889   | .0003353 |
| %RSD   | 21.73099 | 7.069411 | 2.161030 | 15.43317 | 14.13817 | .3497765 | .3751553 |
| #1     | .0136503 | .0359628 | .2261630 | -.049934 | -.013055 | 11.09938 | .0897337 |
| #2     | .0153290 | .0313531 | .2304523 | -.040012 | -.012912 | 11.16374 | .0893175 |
| #3     | .0205286 | .0327883 | .2361116 | -.037543 | -.016444 | 11.09373 | .0890702 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015051 | .0028063 | 694.7554 | .0283370 | .0592908 | .0908601 | 46.27258 |
| Stddev | .0001127 | .0000668 | .4066    | .0008484 | .0004601 | .0029617 | .08479   |
| %RSD   | 7.485698 | 2.382226 | .0585297 | 2.993944 | .7760570 | 3.259595 | .1832407 |
| #1     | .0015400 | .0027363 | 695.2161 | .0292925 | .0595260 | .0885282 | 46.35912 |
| #2     | .0015961 | .0028695 | 694.6038 | .0280465 | .0595857 | .0898597 | 46.26896 |
| #3     | .0013790 | .0028130 | 694.4464 | .0276720 | .0587606 | .0941924 | 46.18966 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.873302 | 373.2119 | .0390425 | -.001271 | -.754711 | .0274598 | .5010485 |
| Stddev | .003766  | 1.1853   | .0004147 | .000760  | .297173  | .0064908 | .0110891 |
| %RSD   | .0972389 | .3175883 | 1.062111 | 59.81583 | 39.37574 | 23.63759 | 2.213170 |
| #1     | 3.870600 | 374.5312 | .0391299 | -.000395 | -.452226 | .0323438 | .5124876 |
| #2     | 3.877605 | 372.8679 | .0394066 | -.001764 | -1.04627 | .0299413 | .5003116 |
| #3     | 3.871703 | 372.2367 | .0385911 | -.001652 | -.76564  | .0200943 | .4903462 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.518657 | 1.176546 | .0488135 | -.000839 | 11.81432 | 5.825940 | .0264219 |
| Stddev | .132883  | .003580  | .0022135 | .000139  | .01496   | .032458  | .0003291 |
| %RSD   | 2.038497 | .3042402 | 4.534533 | 16.58093 | .1266139 | .5571313 | 1.245396 |
| #1     | 6.671917 | 1.174091 | .0512479 | -.000739 | 11.82176 | 5.789646 | .0260626 |
| #2     | 6.448454 | 1.174894 | .0469219 | -.000781 | 11.82409 | 5.852185 | .0267087 |
| #3     | 6.435600 | 1.180653 | .0482706 | -.000998 | 11.79710 | 5.835989 | .0264943 |

Sample Name: P4983-14DLX2      Acquired: 12/15/2024 21:09:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1460466 | .2720034 | .0775653 |
| Stddev | .0058411 | .0003850 | .0102302 |
| %RSD   | 3.999505 | .1415574 | 13.18917 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1470235 | .2723893 | .0657615 |
| #2 | .1513377 | .2716193 | .0838669 |
| #3 | .1397786 | .2720015 | .0830675 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2178.902 | 26540.58 | 2559.420 | 1810.715 | 2631.371 |
| Stddev    | 3.293    | 149.40   | 14.532   | 14.008   | 10.610   |
| %RSD      | .1511171 | .5629179 | .5677778 | .7736287 | .4032240 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2179.311 | 26403.77 | 2553.319 | 1801.306 | 2632.244 |
| #2 | 2175.424 | 26517.97 | 2548.933 | 1804.024 | 2620.352 |
| #3 | 2181.971 | 26700.00 | 2576.008 | 1826.814 | 2641.519 |

Sample Name: P4983-15DLX2      Acquired: 12/15/2024 21:13:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0226746 | .0361656 | .5159116 | -.043440 | -.004896 | 17.88414 | .1480180 |
| Stddev | .0019572 | .0036163 | .0061610 | .005713  | .002309  | .08654   | .0008382 |
| %RSD   | 8.631794 | 9.999346 | 1.194202 | 13.15077 | 47.16247 | .4839055 | .5662815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0246213 | .0400869 | .5124849 | -.036879 | -.002230 | 17.81624 | .1471104 |
| #2 | .0207070 | .0354481 | .5122257 | -.047307 | -.006210 | 17.85458 | .1481805 |
| #3 | .0226954 | .0329618 | .5230242 | -.046135 | -.006249 | 17.98158 | .1487630 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018702 | .0056166 | 728.8890 | .0406521 | .0673359 | .3606467 | 68.38745 |
| Stddev | .0000857 | .0001142 | 1.7510   | .0012641 | .0009815 | .0030899 | .25683   |
| %RSD   | 4.584842 | 2.032796 | .2402342 | 3.109555 | 1.457621 | .8567787 | .3755537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019104 | .0055360 | 728.3715 | .0418517 | .0662232 | .3640252 | 68.22683 |
| #2 | .0017718 | .0057473 | 727.4550 | .0407725 | .0680787 | .3599508 | 68.25185 |
| #3 | .0019285 | .0055667 | 730.8404 | .0393321 | .0677059 | .3579640 | 68.68366 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.023015 | 388.5293 | .0582751 | -.003665 | .1395211 | .0353744 | 1.527219 |
| Stddev | .007480  | 1.5458   | .0005704 | .000106  | .6837082 | .0089708 | .024102  |
| %RSD   | .1489202 | .3978555 | .9787405 | 2.900865 | 490.0393 | 25.35948 | 1.578161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.016122 | 386.8271 | .0587093 | -.003598 | -.622375 | .0279257 | 1.509213 |
| #2 | 5.021955 | 388.9152 | .0576291 | -.003610 | .699614  | .0453327 | 1.517844 |
| #3 | 5.030969 | 389.8456 | .0584868 | -.003788 | .341324  | .0328647 | 1.554600 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.374364 | 1.841262 | .0282792 | -.000131 | 10.32301 | 5.847732 | .0805251 |
| Stddev | .161509  | .011880  | .0015930 | .000215  | .02621   | .031045  | .0017921 |
| %RSD   | 3.005172 | .6452000 | 5.633244 | 163.1625 | .2538845 | .5308884 | 2.225554 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.256367 | 1.827722 | .0274017 | -.000152 | 10.29661 | 5.863127 | .0790512 |
| #2 | 5.308293 | 1.849934 | .0273178 | -.000335 | 10.32340 | 5.868071 | .0800040 |
| #3 | 5.558433 | 1.846132 | .0301180 | .000093  | 10.34902 | 5.811998 | .0825200 |

Sample Name: P4983-15DLX2      Acquired: 12/15/2024 21:13:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2223362 | .2565955 | .0923611 |
| Stddev | .0033187 | .0009869 | .0068516 |
| %RSD   | 1.492649 | .3845962 | 7.418281 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2223749 | .2556481 | .0945905 |
| #2 | .2189982 | .2565209 | .0978204 |
| #3 | .2256353 | .2576176 | .0846725 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2208.415 | 27021.21 | 2611.432 | 1852.327 | 2631.550 |
| Stddev    | 8.357    | 62.10    | 9.328    | 7.904    | 7.872    |
| %RSD      | .3784084 | .2298041 | .3571895 | .4266829 | .2991258 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2212.053 | 27071.75 | 2605.073 | 1856.377 | 2638.827 |
| #2 | 2214.335 | 27039.99 | 2607.082 | 1857.385 | 2632.628 |
| #3 | 2198.855 | 26951.89 | 2622.140 | 1843.220 | 2623.195 |

Sample Name: P4983-16DLX2      Acquired: 12/15/2024 21:17:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0297595 | .0299896 | .3410176 | -.034228 | -.001403 | 30.50275 | .2301552 |
| Stddev | .0022363 | .0030669 | .0033694 | .003678  | .001488  | .06576   | .0009762 |
| %RSD   | 7.514601 | 10.22656 | .9880301 | 10.74451 | 106.0593 | .2155843 | .4241438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0313337 | .0318019 | .3405754 | -.030173 | .000134  | 30.43418 | .2298200 |
| #2 | .0271997 | .0317182 | .3445862 | -.035163 | -.002836 | 30.56528 | .2312548 |
| #3 | .0307452 | .0264485 | .3378912 | -.037348 | -.001506 | 30.50879 | .2293908 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026587 | .0035780 | 473.5181 | .0485182 | .0765003 | .2127033 | 80.64724 |
| Stddev | .0000358 | .0001513 | .9873    | .0011876 | .0009623 | .0036917 | .41510   |
| %RSD   | 1.346236 | 4.227336 | .2085097 | 2.447639 | 1.257892 | 1.735620 | .5147147 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026195 | .0037233 | 472.6556 | .0498350 | .0769571 | .2124473 | 80.41165 |
| #2 | .0026897 | .0035894 | 474.5950 | .0481909 | .0771491 | .2091462 | 81.12654 |
| #3 | .0026670 | .0034214 | 473.3036 | .0475286 | .0753947 | .2165163 | 80.40353 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.224005 | 240.2004 | .0843688 | -.005399 | .2172202 | .0687989 | 1.000923 |
| Stddev | .017958  | .6305    | .0010232 | .001379  | .3567049 | .0105293 | .021065  |
| %RSD   | .3437567 | .2624706 | 1.212773 | 25.54262 | 164.2135 | 15.30451 | 2.104529 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.219440 | 239.9528 | .0848258 | -.005721 | .6289788 | .0594091 | .981008  |
| #2 | 5.243805 | 240.9170 | .0850839 | -.003887 | .0024233 | .0801826 | 1.022975 |
| #3 | 5.208771 | 239.7313 | .0831967 | -.006588 | .0202585 | .0668051 | .998786  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.305317 | 3.666599 | .0034735 | .0003910 | 5.896945 | 5.268965 | .0510579 |
| Stddev | .127112  | .025357  | .0026349 | .0011128 | .027572  | .018794  | .0004731 |
| %RSD   | 2.952433 | .6915737 | 75.85559 | 284.6291 | .4675622 | .3566964 | .9265461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.259339 | 3.664378 | .0054530 | .0006807 | 5.893401 | 5.290308 | .0513559 |
| #2 | 4.207592 | 3.692994 | .0004828 | .0013303 | 5.926118 | 5.254890 | .0505124 |
| #3 | 4.449020 | 3.642425 | .0044848 | -.000838 | 5.871316 | 5.261698 | .0513054 |

Sample Name: P4983-16DLX2      Acquired: 12/15/2024 21:17:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4652477 | .1834826 | .0950161 |
| Stddev | .0048937 | .0007236 | .0095458 |
| %RSD   | 1.051860 | .3943467 | 10.04656 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4611585 | .1826530 | .0840077 |
| #2 | .4639148 | .1839830 | .1000355 |
| #3 | .4706698 | .1838118 | .1010050 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2334.925 | 28372.99 | 2722.490 | 1960.053 | 2740.746 |
| Stddev    | 18.738   | 101.76   | 14.993   | 5.298    | 25.985   |
| %RSD      | .8025132 | .3586340 | .5507060 | .2702760 | .9481089 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2323.388 | 28285.54 | 2706.679 | 1956.485 | 2727.008 |
| #2 | 2324.841 | 28348.76 | 2724.289 | 1957.535 | 2724.514 |
| #3 | 2356.545 | 28484.68 | 2736.503 | 1966.140 | 2770.717 |

Sample Name: P4983-17DLX2      Acquired: 12/15/2024 21:20:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0338592 | .0371370 | .3492438 | -.038439 | -.006058 | 24.48916 | .2879846 |
| Stddev | .0030114 | .0027544 | .0026113 | .005115  | .000202  | .01877   | .0007941 |
| %RSD   | 8.893833 | 7.416992 | .7477025 | 13.30620 | 3.331419 | .0766394 | .2757560 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0318033 | .0342256 | .3521772 | -.032865 | -.006236 | 24.50826 | .2871448 |
| #2 | .0324585 | .0397017 | .3471725 | -.039535 | -.006099 | 24.47074 | .2887233 |
| #3 | .0373158 | .0374836 | .3483818 | -.042917 | -.005838 | 24.48847 | .2880857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023460 | .0039042 | 519.9678 | .0397905 | .0714086 | .2077445 | 73.20489 |
| Stddev | .0000969 | .0000914 | 1.0433   | .0002351 | .0010668 | .0076286 | .12310   |
| %RSD   | 4.131271 | 2.341834 | .2006406 | .5908094 | 1.493980 | 3.672119 | .1681630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024099 | .0038546 | 520.9416 | .0397373 | .0720668 | .2043992 | 73.14882 |
| #2 | .0022345 | .0040097 | 520.0952 | .0395866 | .0701777 | .2164742 | 73.11980 |
| #3 | .0023935 | .0038484 | 518.8667 | .0400477 | .0719812 | .2023600 | 73.34605 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.347053 | 212.2195 | .0681719 | -.003727 | .3066823 | .0445897 | .8020178 |
| Stddev | .005065  | .5509    | .0016942 | .000275  | .2672321 | .0102943 | .0098196 |
| %RSD   | .0689324 | .2595919 | 2.485148 | 7.369601 | 87.13647 | 23.08662 | 1.224361 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.348670 | 211.8243 | .0689245 | -.004028 | .5625018 | .0483424 | .7906968 |
| #2 | 7.341377 | 212.8488 | .0662318 | -.003489 | .3282057 | .0524812 | .8082266 |
| #3 | 7.351111 | 211.9853 | .0693593 | -.003666 | .0293393 | .0329456 | .8071299 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.727034 | 3.018301 | .0057559 | .0027620 | 5.155362 | 5.571264 | .0361370 |
| Stddev | .051348  | .010304  | .0011436 | .0009676 | .030186  | .022151  | .0013443 |
| %RSD   | 1.377728 | .3413905 | 19.86826 | 35.03331 | .5855189 | .3975961 | 3.719925 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.759551 | 3.025494 | .0045111 | .0038213 | 5.184649 | 5.596680 | .0372389 |
| #2 | 3.753714 | 3.006496 | .0059966 | .0025400 | 5.124351 | 5.561040 | .0346392 |
| #3 | 3.667838 | 3.022913 | .0067600 | .0019247 | 5.157087 | 5.556070 | .0365328 |



Sample Name: P4983-17DLX2      Acquired: 12/15/2024 21:20:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3891914 | .2417569 | .0764354 |
| Stddev | .0021508 | .0001200 | .0039493 |
| %RSD   | .5526236 | .0496537 | 5.166793 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3870069 | .2417101 | .0788622 |
| #2 | .3913068 | .2416674 | .0785655 |
| #3 | .3892606 | .2418934 | .0718784 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2320.488 | 28414.94 | 2730.469 | 1963.656 | 2725.288 |
| Stddev    | 11.087   | 117.97   | 1.826    | 7.358    | 13.398   |
| %RSD      | .4777846 | .4151703 | .0668924 | .3746944 | .4916332 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2307.763 | 28539.52 | 2732.563 | 1970.074 | 2710.006 |
| #2 | 2328.067 | 28304.93 | 2729.637 | 1965.268 | 2735.017 |
| #3 | 2325.633 | 28400.35 | 2729.206 | 1955.626 | 2730.841 |

Sample Name: P4983-18DLX2      Acquired: 12/15/2024 21:24:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0221393 | .0355520 | .2640538 | -.038056 | -.010303 | 19.76469 | .2110878 |
| Stddev | .0014978 | .0039507 | .0023342 | .001422  | .003217  | .48789   | .0059419 |
| %RSD   | 6.765478 | 11.11234 | .8839674 | 3.737607 | 31.22950 | 2.468501 | 2.814900 |
| #1     | .0227865 | .0382471 | .2667324 | -.036652 | -.006588 | 19.51074 | .2091576 |
| #2     | .0232047 | .0373920 | .2624552 | -.038020 | -.012110 | 19.45615 | .2063510 |
| #3     | .0204267 | .0310170 | .2629740 | -.039496 | -.012211 | 20.32717 | .2177549 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018489 | .0035555 | 696.3931 | .0322994 | .0725705 | .1611303 | 61.01246 |
| Stddev | .0001645 | .0001335 | 16.8312  | .0013351 | .0005839 | .0040626 | 1.59301  |
| %RSD   | 8.898665 | 3.754933 | 2.416912 | 4.133603 | .8046361 | 2.521294 | 2.610952 |
| #1     | .0020284 | .0036938 | 688.5748 | .0307578 | .0719396 | .1577783 | 60.42308 |
| #2     | .0017052 | .0035454 | 684.8929 | .0330688 | .0726801 | .1599643 | 59.79814 |
| #3     | .0018132 | .0034274 | 715.7115 | .0330717 | .0730919 | .1656484 | 62.81617 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.581515 | 195.5201 | .0557085 | -.002541 | .6159183 | .0469973 | .6411588 |
| Stddev | .174674  | 5.2661   | .0009089 | .001462  | .3715561 | .0040896 | .0101656 |
| %RSD   | 2.654013 | 2.693356 | 1.631526 | 57.54089 | 60.32556 | 8.701835 | 1.585511 |
| #1     | 6.498242 | 193.1771 | .0555709 | -.002476 | .7513809 | .0434829 | .6521187 |
| #2     | 6.464060 | 191.8322 | .0566783 | -.004036 | .1956372 | .0514861 | .6393189 |
| #3     | 6.782244 | 201.5510 | .0548762 | -.001113 | .9007368 | .0460228 | .6320387 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.270705 | 2.673599 | .0080858 | .0000275 | 4.562983 | 5.596705 | .0302364 |
| Stddev | .304582  | .015881  | .0007859 | .0001204 | .036732  | .072352  | .0007329 |
| %RSD   | 9.312415 | .5939924 | 9.719390 | 437.4912 | .8050050 | 1.292768 | 2.423943 |
| #1     | 3.441659 | 2.662564 | .0072599 | -.000085 | 4.545689 | 5.563691 | .0301892 |
| #2     | 2.919050 | 2.666431 | .0088243 | .000014  | 4.538090 | 5.546748 | .0295282 |
| #3     | 3.451408 | 2.691800 | .0081732 | .000154  | 4.605170 | 5.679676 | .0309918 |

Sample Name: P4983-18DLX2      Acquired: 12/15/2024 21:24:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2984526 | .4113893 | .0776642 |
| Stddev | .0076124 | .0108994 | .0071954 |
| %RSD   | 2.550626 | 2.649410 | 9.264768 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2937722 | .4066872 | .0834452 |
| #2 | .2943492 | .4036303 | .0696056 |
| #3 | .3072363 | .4238505 | .0799418 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2283.853 | 27802.41 | 2671.994 | 1919.379 | 2701.220 |
| Stddev    | 1.922    | 44.77    | 30.709   | 5.669    | 5.098    |
| %RSD      | .0841394 | .1610388 | 1.149279 | .2953804 | .1887191 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2282.900 | 27852.61 | 2691.098 | 1915.443 | 2703.369 |
| #2 | 2286.064 | 27766.61 | 2688.313 | 1916.817 | 2704.890 |
| #3 | 2282.593 | 27788.01 | 2636.571 | 1925.877 | 2695.399 |

Sample Name: P4983-19DLX2      Acquired: 12/15/2024 21:28:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0132869 | .0398955 | .1774766 | -.052877 | -.014917 | 11.78889 |
| Stddev | .0016784 | .0030488 | .0004674 | .003383  | .001735  | .03511   |
| %RSD   | 12.63201 | 7.641948 | .2633791 | 6.398086 | 11.62893 | .2978648 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0147311 | .0417535 | .1771118 | -.048971 | -.016870 | 11.75039 |
| #2 | .0136839 | .0363769 | .1780035 | -.054850 | -.013554 | 11.81915 |
| #3 | .0114456 | .0415562 | .1773145 | -.054812 | -.014329 | 11.79712 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1583060 | .0012353 | .0024406 | F 1096.355 | .0238330 | .0652124 |
| Stddev | .0005766 | .0000328 | .0001752 | .947       | .0013873 | .0010976 |
| %RSD   | .3642155 | 2.654045 | 7.178315 | .0863701   | 5.820992 | 1.683043 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1587233 | .0012251 | .0026422 | 1095.284 | .0222321 | .0661547 |
| #2 | .1585465 | .0012720 | .0023250 | 1096.702 | .0245831 | .0640073 |
| #3 | .1576481 | .0012089 | .0023547 | 1097.081 | .0246838 | .0654752 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0923648 | 46.00250 | 6.191442 | 162.9406 | .0415248 | -.002130 |
| Stddev | .0148282 | .09155   | .005512  | .2523    | .0013925 | .000719  |
| %RSD   | 16.05399 | .1990208 | .0890332 | .1548415 | 3.353365 | 33.74527 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1060739 | 46.09368 | 6.192153 | 162.6890 | .0430729 | -.002864 |
| #2 | .0766264 | 45.91057 | 6.185609 | 163.1936 | .0411270 | -.001427 |
| #3 | .0943939 | 46.00326 | 6.196565 | 162.9391 | .0403746 | -.002099 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.503262 | .0305215 | .3508125 | 2.686316 | 1.692524 | .0149101 |
| Stddev | .462104  | .0195509 | .0115603 | .052689  | .005529  | .0020584 |
| %RSD   | 91.82190 | 64.05609 | 3.295287 | 1.961380 | .3266596 | 13.80559 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.134421 | .0385233 | .3636490 | 2.627161 | 1.691274 | .0165460 |
| #2 | -1.02161 | .0082390 | .3475659 | 2.703580 | 1.687726 | .0155854 |
| #3 | -.35375  | .0448021 | .3412226 | 2.728207 | 1.698570 | .0125988 |

Sample Name: P4983-19DLX2      Acquired: 12/15/2024 21:28:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG9      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Sr4077          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001239</b> | <b>4.082717</b> | <b>5.039142</b> | <b>.0172779</b> | <b>.1599805</b> | <b>.7181503</b> |
| Stddev | .000772         | .006332         | .033197         | .0021034        | .0029047        | .0014786        |
| %RSD   | 62.35951        | .1551001        | .6587928        | 12.17383        | 1.815668        | .2058942        |
| #1     | -.001934        | 4.083232        | 5.001908        | .0195123        | .1578539        | .7174789        |
| #2     | -.000407        | 4.088776        | 5.049866        | .0153362        | .1632901        | .7198455        |
| #3     | -.001375        | 4.076143        | 5.065652        | .0169851        | .1587976        | .7171265        |

|        |                 |
|--------|-----------------|
| Elem   | Li6707          |
| Units  | ppm             |
| Avg    | <b>.0970685</b> |
| Stddev | .0032188        |
| %RSD   | 3.316029        |
| #1     | .0982917        |
| #2     | .0934174        |
| #3     | .0994964        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2214.590</b> | <b>26955.50</b> | <b>2643.375</b> | <b>1863.496</b> | <b>2634.603</b> |
| Stddev    | 10.549          | 141.73          | 24.502          | 5.706           | 7.434           |
| %RSD      | .4763429        | .5257951        | .9269102        | .3061820        | .2821727        |
| #1        | 2206.386        | 26832.87        | 2661.980        | 1857.039        | 2631.103        |
| #2        | 2226.489        | 26922.96        | 2652.532        | 1865.588        | 2643.141        |
| #3        | 2210.894        | 27110.67        | 2615.614        | 1867.860        | 2629.564        |

Sample Name: P4983-20DLX2      Acquired: 12/15/2024 21:32:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086523 | .0465344 | .0882974 | -.059966 | -.017646 | 9.909132 |
| Stddev | .0041593 | .0036020 | .0025939 | .004825  | .000921  | .294606  |
| %RSD   | 48.07139 | 7.740506 | 2.937686 | 8.046025 | 5.218727 | 2.973077 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044235 | .0460611 | .0912143 | -.064537 | -.017282 | 9.624748 |
| #2 | .0087950 | .0431924 | .0874280 | -.054922 | -.018693 | 9.889654 |
| #3 | .0127383 | .0503496 | .0862499 | -.060440 | -.016962 | 10.21299 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1308099 | .0009467 | .0015616 | F 1576.695 | .0184884 | .0661676 |
| Stddev | .0036686 | .0000921 | .0001988 | 35.801     | .0010733 | .0015613 |
| %RSD   | 2.804560 | 9.732117 | 12.72842 | 2.270643   | 5.805211 | 2.359564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1286145 | .0008664 | .0016973 | 1538.246 | .0197276 | .0655828 |
| #2 | .1287701 | .0009264 | .0013334 | 1582.767 | .0178787 | .0649832 |
| #3 | .1350451 | .0010473 | .0016540 | 1609.072 | .0178587 | .0679368 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0663198 | 36.91381 | 7.016790 | 100.9165 | .0334158 | -.001396 |
| Stddev | .0031045 | 1.01282  | .185671  | 2.3469   | .0006762 | .000778  |
| %RSD   | 4.681051 | 2.743753 | 2.646100 | 2.325570 | 2.023658 | 55.70023 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0683908 | 36.04839 | 6.854538 | 98.8430  | .0341758 | -.000681 |
| #2 | .0627503 | 36.66527 | 6.976552 | 100.4423 | .0331910 | -.002224 |
| #3 | .0678182 | 38.02777 | 7.219282 | 103.4643 | .0328807 | -.001283 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.054643 | .0246809 | .2001928 | 2.395266 | 1.668662 | .0168628 |
| Stddev | .810493  | .0061438 | .0147733 | .221870  | .029789  | .0011355 |
| %RSD   | 1483.260 | 24.89306 | 7.379561 | 9.262841 | 1.785186 | 6.733757 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.059404 | .0213105 | .2087750 | 2.139524 | 1.702800 | .0156146 |
| #2 | .758220  | .0317723 | .2086694 | 2.536307 | 1.647946 | .0178346 |
| #3 | -.862744 | .0209600 | .1831341 | 2.509966 | 1.655238 | .0171392 |

Sample Name: P4983-20DLX2      Acquired: 12/15/2024 21:32:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJH0      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Sr4077          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001872</b> | <b>1.935950</b> | <b>5.178247</b> | <b>.0124666</b> | <b>.1339045</b> | <b>1.186172</b> |
| Stddev | .000542         | .017197         | .088565         | .0009585        | .0151016        | .030897         |
| %RSD   | 28.96738        | .8882748        | 1.710335        | 7.688160        | 11.27790        | 2.604750        |
| #1     | -.001641        | 1.955171        | 5.101646        | .0130235        | .1284204        | 1.159664        |
| #2     | -.002491        | 1.922023        | 5.157871        | .0113598        | .1223113        | 1.178747        |
| #3     | -.001483        | 1.930657        | 5.275225        | .0130164        | .1509819        | 1.220105        |

|        |                 |
|--------|-----------------|
| Elem   | Li6707          |
| Units  | ppm             |
| Avg    | <b>.1257734</b> |
| Stddev | .0041287        |
| %RSD   | 3.282618        |
| #1     | .1288580        |
| #2     | .1210831        |
| #3     | .1273792        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2186.134</b> | <b>26727.40</b> | <b>2590.140</b> | <b>1845.541</b> | <b>2587.228</b> |
| Stddev    | 23.247          | 612.40          | 71.599          | 40.100          | 29.351          |
| %RSD      | 1.063381        | 2.291292        | 2.764291        | 2.172819        | 1.134468        |
| #1        | 2161.016        | 26471.75        | 2662.926        | 1830.824        | 2556.116        |
| #2        | 2206.892        | 26284.23        | 2587.703        | 1814.879        | 2614.426        |
| #3        | 2190.494        | 27426.20        | 2519.790        | 1890.921        | 2591.143        |

Sample Name: P5067-01DL2X4      Acquired: 12/15/2024 21:36:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0154637 | .0615803 | .1113626 | .0230829 | .0832724 | 36.16352 |
| Stddev | .0051109 | .0026832 | .0007777 | .0038487 | .0016805 | .01870   |
| %RSD   | 33.05112 | 4.357151 | .6983804 | 16.67356 | 2.018054 | .0516985 |
| #1     | .0197933 | .0590150 | .1107708 | .0232286 | .0843778 | 36.14266 |
| #2     | .0098258 | .0643675 | .1122435 | .0191633 | .0813386 | 36.16912 |
| #3     | .0167720 | .0613585 | .1110735 | .0268567 | .0841010 | 36.17877 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2435292 | .0027320 | .0032455 | 574.3059 | 3.030765 | .0591463 |
| Stddev | .0001489 | .0001547 | .0001743 | .9559    | .007558  | .0001444 |
| %RSD   | .0611633 | 5.664362 | 5.371881 | .1664447 | .2493814 | .2440636 |
| #1     | .2436150 | .0029070 | .0031289 | 575.2287 | 3.038366 | .0592589 |
| #2     | .2433572 | .0026131 | .0031616 | 574.3691 | 3.030678 | .0589835 |
| #3     | .2436154 | .0026760 | .0034459 | 573.3200 | 3.023250 | .0591964 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | -.023514 | 384.2489 | F 62.47123 | 101.5394 | .1013039 | -.019371 |
| Stddev | .007166  | .3197    | .08954     | .1588    | .0012171 | .002145  |
| %RSD   | 30.47442 | .0831960 | .1433269   | .1564054 | 1.201458 | 11.07346 |
| #1     | -.031789 | 384.5495 | 62.54733   | 101.4806 | .1025954 | -.018080 |
| #2     | -.019401 | 384.2842 | 62.49380   | 101.7192 | .1001781 | -.018185 |
| #3     | -.019353 | 383.9131 | 62.37257   | 101.4183 | .1011381 | -.021847 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.975697 | 1.257742 | .1105162 | 1.024465 | 6.762169 | .0536745 |
| Stddev | .653590  | .003314  | .0109481 | .163306  | .017250  | .0023769 |
| %RSD   | 66.98702 | .2634705 | 9.906287 | 15.94062 | .2550994 | 4.428434 |
| #1     | -.529261 | 1.255175 | .1118061 | 1.197432 | 6.767156 | .0525358 |
| #2     | -1.72589 | 1.256567 | .1207621 | 1.003024 | 6.742975 | .0564066 |
| #3     | -.67194  | 1.261483 | .0989803 | .872938  | 6.776377 | .0520812 |



Sample Name: P5067-01DL2X4      Acquired: 12/15/2024 21:36:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076049 | 13.99688 | 3.008135 | .0473794 | 5.705299 | .2562710 |
| Stddev | .0003178 | .04680   | .016364  | .0020530 | .006725  | .0002742 |
| %RSD   | 4.178371 | .3343706 | .5440050 | 4.333165 | .1178665 | .1069821 |
| #1     | .0073087 | 14.00955 | 3.026059 | .0496757 | 5.709207 | .2561159 |
| #2     | .0079405 | 13.94505 | 3.004351 | .0467414 | 5.697534 | .2561095 |
| #3     | .0075656 | 14.03604 | 2.993993 | .0457211 | 5.709156 | .2565875 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0751895 |
| Stddev | .0064230 |
| %RSD   | 8.542454 |
| #1     | .0810795 |
| #2     | .0683411 |
| #3     | .0761478 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2178.866 | 27019.22 | 2576.090 | 1854.170 | 2801.730 |
| Stddev    | 7.322    | 81.81    | 5.773    | 9.029    | 10.644   |
| %RSD      | .3360559 | .3028001 | .2241154 | .4869777 | .3799077 |
| #1        | 2172.405 | 27113.57 | 2571.772 | 1863.084 | 2791.985 |
| #2        | 2177.373 | 26967.89 | 2573.850 | 1854.396 | 2800.117 |
| #3        | 2186.819 | 26976.20 | 2582.648 | 1845.030 | 2813.088 |

Sample Name: P5067-02DL2X4      Acquired: 12/15/2024 21:40:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0202559 | .0557880 | .1546441   | .0101401 | .0888910 | 37.33077 |
| Stddev | .0038665 | .0024804 | .0025922   | .0030418 | .0021744 | .12339   |
| %RSD   | 19.08799 | 4.446041 | 1.676254   | 29.99788 | 2.446168 | .3305381 |
| #1     | .0247171 | .0574790 | .1574040   | .0135848 | .0905304 | 37.26883 |
| #2     | .0181760 | .0569443 | .1522607   | .0078234 | .0897181 | 37.25061 |
| #3     | .0178747 | .0529406 | .1542677   | .0090121 | .0864243 | 37.47286 |
| Elem   | Ba4934   | Be2348   | Cd2144     | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .3590520 | .0056093 | .0037887   | 537.5501 | 3.239288 | .0607322 |
| Stddev | .0007514 | .0001631 | .0001532   | .5640    | .010398  | .0005409 |
| %RSD   | .2092754 | 2.906865 | 4.044784   | .1049139 | .3209994 | .8906946 |
| #1     | .3590380 | .0056936 | .0037832   | 537.9071 | 3.248688 | .0602098 |
| #2     | .3583076 | .0057131 | .0036383   | 536.8999 | 3.228119 | .0606969 |
| #3     | .3598103 | .0054214 | .0039446   | 537.8433 | 3.241056 | .0612900 |
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0090197 | 388.9201 | F 48.78513 | 98.31202 | .2806338 | -.022904 |
| Stddev | .0032126 | 1.0989   | .17394     | .49826   | .0014618 | .000350  |
| %RSD   | 35.61779 | .2825534 | .3565387   | .5068109 | .5209012 | 1.528837 |
| #1     | .0118412 | 389.3506 | 48.78618   | 98.57321 | .2799975 | -.023174 |
| #2     | .0096946 | 387.6711 | 48.61068   | 97.73748 | .2795979 | -.022508 |
| #3     | .0055232 | 389.7386 | 48.95855   | 98.62538 | .2823060 | -.023030 |
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | -.007103 | .4947566 | .0996678   | 1.835308 | 4.178123 | .1997921 |
| Stddev | .380298  | .0042649 | .0074285   | .223301  | .013808  | .0061263 |
| %RSD   | 5354.338 | .8620233 | 7.453293   | 12.16695 | .3304943 | 3.066335 |
| #1     | .431842  | .4978335 | .0942295   | 1.587657 | 4.182870 | .2037227 |
| #2     | -.215521 | .4898881 | .0966423   | 1.896963 | 4.162567 | .1927332 |
| #3     | -.237629 | .4965481 | .1081317   | 2.021303 | 4.188932 | .2029203 |

Sample Name: P5067-02DL2X4      Acquired: 12/15/2024 21:40:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0157869 | 20.86824 | 2.706659 | .0442999 | 4.013454 | .0192318 |
| Stddev | .0002031 | .08395   | .014892  | .0002086 | .016724  | .0009086 |
| %RSD   | 1.286519 | .4022856 | .5502157 | .4707901 | .4166915 | 4.724545 |
| #1     | .0158773 | 20.80839 | 2.721680 | .0440705 | 4.000838 | .0182368 |
| #2     | .0159291 | 20.83211 | 2.706399 | .0444780 | 4.007102 | .0194411 |
| #3     | .0155543 | 20.96420 | 2.691899 | .0443514 | 4.032423 | .0200175 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0752911 |
| Stddev | .0045787 |
| %RSD   | 6.081361 |
| #1     | .0799196 |
| #2     | .0751898 |
| #3     | .0707638 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2205.532 | 27320.44 | 2600.842 | 1868.103 | 2810.075 |
| Stddev    | 7.532    | 151.99   | 12.792   | 14.542   | 6.701    |
| %RSD      | .3414896 | .5563380 | .4918599 | .7784410 | .2384716 |
| #1        | 2213.206 | 27379.72 | 2587.479 | 1873.826 | 2817.803 |
| #2        | 2198.151 | 27433.87 | 2612.976 | 1878.913 | 2805.865 |
| #3        | 2205.240 | 27147.74 | 2602.070 | 1851.570 | 2806.558 |

Sample Name: P5042-01      Acquired: 12/15/2024 21:43:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1190927 | .0243508 | 1.843823 | -.007526 | .0212991 | 59.13876 | 1.377927 |
| Stddev | .0007915 | .0016289 | .001243  | .001079  | .0044523 | .01890   | .001421  |
| %RSD   | .6645960 | 6.689491 | .0674278 | 14.33722 | 20.90353 | .0319661 | .1031500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1181822 | .0225329 | 1.844021 | -.008290 | .0210178 | 59.13109 | 1.376552 |
| #2 | .1194795 | .0256780 | 1.844956 | -.006292 | .0169942 | 59.16029 | 1.377838 |
| #3 | .1196165 | .0248414 | 1.842493 | -.007997 | .0258854 | 59.12489 | 1.379391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058331 | .0075601 | 118.5651 | .0975929 | .1077438 | .4462729 | 152.9786 |
| Stddev | .0000747 | .0000613 | .3452    | .0008042 | .0000531 | .0080399 | .0560    |
| %RSD   | 1.281105 | .8107310 | .2911119 | .8240027 | .0492598 | 1.801563 | .0365924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057610 | .0076227 | 118.1788 | .0967323 | .1078014 | .4413009 | 152.9427 |
| #2 | .0059102 | .0075576 | 118.6733 | .0977212 | .1077331 | .4555486 | 153.0431 |
| #3 | .0058282 | .0075002 | 118.8432 | .0983252 | .1076968 | .4419693 | 152.9500 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.75614 | 30.00425 | .1487411 | -.006836 | -.432051 | .1348857 | 1.343453 |
| Stddev | .01812   | .04839   | .0011642 | .000152  | .301326  | .0072658 | .015867  |
| %RSD   | .1541210 | .1612780 | .7827025 | 2.225803 | 69.74317 | 5.386664 | 1.181051 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.73534 | 30.04139 | .1492995 | -.007002 | -.710398 | .1431981 | 1.361649 |
| #2 | 11.76847 | 29.94953 | .1474029 | -.006704 | -.473681 | .1317141 | 1.332499 |
| #3 | 11.76461 | 30.02184 | .1495209 | -.006800 | -.112075 | .1297447 | 1.336212 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.966787 | 6.715980 | -.011438 | .0064469 | 1.992732 | 9.199033 | .0954404 |
| Stddev | .105556  | .003634  | .001005  | .0005346 | .008990  | .044892  | .0010254 |
| %RSD   | 1.515136 | .0541165 | 8.782856 | 8.292005 | .4511257 | .4880064 | 1.074434 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.041149 | 6.716557 | -.011664 | .0069599 | 1.992471 | 9.147803 | .0943602 |
| #2 | 7.013240 | 6.712091 | -.012311 | .0058931 | 2.001849 | 9.217800 | .0955607 |
| #3 | 6.845970 | 6.719291 | -.010340 | .0064877 | 1.983875 | 9.231496 | .0964005 |

Sample Name: P5042-01      Acquired: 12/15/2024 21:43:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7027585 | .8730734 | .0927989 |
| Stddev | .0048485 | .0013027 | .0104031 |
| %RSD   | .6899254 | .1492084 | 11.21041 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7076966 | .8716670 | .0834282 |
| #2 | .6980049 | .8742386 | .1039933 |
| #3 | .7025741 | .8733146 | .0909752 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2644.597 | 32023.61 | 2994.793 | 2224.559 | 3083.150 |
| Stddev    | 10.010   | 72.54    | 4.229    | 11.143   | 12.355   |
| %RSD      | .3785000 | .2265186 | .1412223 | .5009137 | .4007191 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2649.708 | 31941.43 | 2993.926 | 2212.153 | 3089.612 |
| #2 | 2651.020 | 32078.75 | 2991.065 | 2233.717 | 3090.935 |
| #3 | 2633.064 | 32050.63 | 2999.389 | 2227.808 | 3068.905 |

Sample Name: P5042-02      Acquired: 12/15/2024 21:47:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1170612 | .0261529 | 1.766841 | -.005412 | .0203541 | 56.25931 | 1.310562 |
| Stddev | .0041464 | .0019868 | .004810  | .001539  | .0016525 | 1.73157  | .036801  |
| %RSD   | 3.542061 | 7.596883 | .2722534 | 28.44439 | 8.118906 | 3.077841 | 2.807997 |
| #1     | .1205719 | .0249295 | 1.766471 | -.006996 | .0187596 | 56.77822 | 1.323661 |
| #2     | .1124865 | .0284453 | 1.762226 | -.003922 | .0202437 | 54.32761 | 1.269004 |
| #3     | .1181253 | .0250839 | 1.771825 | -.005316 | .0220591 | 57.67209 | 1.339020 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057635 | .0072474 | 113.2954 | .0941150 | .1040463 | .4195882 | 145.1803 |
| Stddev | .0002147 | .0000765 | 3.5562   | .0007679 | .0001142 | .0048560 | 4.3604   |
| %RSD   | 3.724213 | 1.055234 | 3.138858 | .8158854 | .1097309 | 1.157335 | 3.003457 |
| #1     | .0059833 | .0072253 | 114.6192 | .0949597 | .1040817 | .4202353 | 146.4006 |
| #2     | .0055544 | .0073325 | 109.2672 | .0934592 | .1041386 | .4144411 | 140.3397 |
| #3     | .0057528 | .0071844 | 115.9999 | .0939261 | .1039186 | .4240883 | 148.8006 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.17268 | 28.50734 | .1417408 | -.006551 | -.149045 | .1360629 | 1.258138 |
| Stddev | .33675   | .90763   | .0007876 | .001529  | .584036  | .0063897 | .005541  |
| %RSD   | 3.014013 | 3.183838 | .5556657 | 23.33204 | 391.8522 | 4.696157 | .4404357 |
| #1     | 11.29806 | 28.86779 | .1426455 | -.005500 | .017388  | .1415462 | 1.253706 |
| #2     | 10.79123 | 27.47485 | .1412083 | -.008305 | -.798233 | .1290459 | 1.264350 |
| #3     | 11.42874 | 29.17937 | .1413685 | -.005849 | .333710  | .1375966 | 1.256356 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.157401 | 6.431316 | -.014115 | .0063646 | 1.911635 | 8.850413 | .0898628 |
| Stddev | .311583  | .010884  | .001039  | .0004559 | .011056  | .217372  | .0011642 |
| %RSD   | 5.060301 | .1692404 | 7.361869 | 7.163183 | .5783746 | 2.456063 | 1.295536 |
| #1     | 6.204814 | 6.435062 | -.013084 | .0058437 | 1.908410 | 8.859573 | .0895583 |
| #2     | 5.824829 | 6.419053 | -.015162 | .0065593 | 1.902550 | 8.628607 | .0888812 |
| #3     | 6.442560 | 6.439833 | -.014099 | .0066908 | 1.923946 | 9.063060 | .0911490 |

Sample Name: P5042-02      Acquired: 12/15/2024 21:47:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6648185 | .8276850 | .0830485 |
| Stddev | .0155251 | .0236325 | .0047897 |
| %RSD   | 2.335236 | 2.855253 | 5.767343 |
| #1     | .6671408 | .8344633 | .0825860 |
| #2     | .6482632 | .8014041 | .0785069 |
| #3     | .6790517 | .8471877 | .0880527 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2737.491 | 33415.77 | 3144.182 | 2320.029 | 3210.643 |
| Stddev    | 6.867    | 114.34   | 80.627   | 7.861    | 5.095    |
| %RSD      | .2508410 | .3421638 | 2.564332 | .3388187 | .1587013 |
| #1        | 2738.186 | 33547.68 | 3147.564 | 2326.518 | 3209.052 |
| #2        | 2743.984 | 33344.96 | 3223.064 | 2322.282 | 3216.344 |
| #3        | 2730.303 | 33354.68 | 3061.916 | 2311.288 | 3206.533 |

Sample Name: P5042-01LX5      Acquired: 12/15/2024 21:51:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0252251 | .0077220 | .3644057 | -.008765 | .0005787 | 12.81544 | .3016891 |
| Stddev | .0020791 | .0026137 | .0017880 | .004438  | .0018799 | .08969   | .0023782 |
| %RSD   | 8.242345 | 33.84693 | .4906478 | 50.63054 | 324.8845 | .6998549 | .7882980 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0247177 | .0051950 | .3632602 | -.012092 | -.001183 | 12.73330 | .2992952 |
| #2 | .0234467 | .0075566 | .3634908 | -.010477 | .002558  | 12.91114 | .3040513 |
| #3 | .0275111 | .0104145 | .3664659 | -.003726 | .000361  | 12.80187 | .3017209 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013905 | .0014716 | 26.23298 | .0214592 | .0286443 | .1071812 | 33.51475 |
| Stddev | .0001141 | .0000942 | .23516   | .0005368 | .0002036 | .0039869 | .25375   |
| %RSD   | 8.207136 | 6.403738 | .8964358 | 2.501701 | .7107220 | 3.719740 | .7571246 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012599 | .0015174 | 26.09986 | .0210030 | .0286700 | .1105597 | 33.23917 |
| #2 | .0014713 | .0013632 | 26.50451 | .0213239 | .0284291 | .1027837 | 33.73874 |
| #3 | .0014402 | .0015342 | 26.09458 | .0220508 | .0288338 | .1082001 | 33.56633 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.586531 | 6.636249 | .0275573 | -.001805 | -.587829 | .0212835 | .2742892 |
| Stddev | .020727  | .031234  | .0011280 | .000978  | .875204  | .0106302 | .0091336 |
| %RSD   | .8013424 | .4706559 | 4.093202 | 54.19241 | 148.8876 | 49.94557 | 3.329914 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.568250 | 6.672222 | .0285834 | -.000822 | .277790  | .0334181 | .2676917 |
| #2 | 2.609049 | 6.620504 | .0263495 | -.001814 | -.568963 | .0136145 | .2704622 |
| #3 | 2.582295 | 6.616022 | .0277391 | -.002778 | -1.47231 | .0168181 | .2847138 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.610747 | 1.300994 | -.007179 | .0008699 | .3874219 | 2.069234 | .0169380 |
| Stddev | .040501  | .003159  | .001646  | .0002412 | .0064726 | .030895  | .0011497 |
| %RSD   | 2.514406 | .2428368 | 22.93193 | 27.72448 | 1.670675 | 1.493077 | 6.787494 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.575342 | 1.297346 | -.007974 | .0006911 | .3802726 | 2.078307 | .0165063 |
| #2 | 1.601987 | 1.302812 | -.005286 | .0007745 | .3928834 | 2.094577 | .0160667 |
| #3 | 1.654910 | 1.302823 | -.008278 | .0011442 | .3891095 | 2.034818 | .0182410 |



Sample Name: P5042-01LX5      Acquired: 12/15/2024 21:51:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1535234 | .1907241 | .0203277 |
| Stddev | .0040388 | .0016721 | .0026262 |
| %RSD   | 2.630738 | .8766925 | 12.91944 |
| #1     | .1553340 | .1895418 | .0190363 |
| #2     | .1563401 | .1926372 | .0233495 |
| #3     | .1488961 | .1899935 | .0185971 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2468.095 | 30002.79 | 2762.203 | 2086.497 | 3288.981 |
| Stddev    | 8.278    | 126.82   | 31.859   | 2.687    | 4.696    |
| %RSD      | .3354012 | .4226986 | 1.153408 | .1287958 | .1427867 |
| #1        | 2460.129 | 29925.01 | 2752.063 | 2086.006 | 3283.795 |
| #2        | 2476.653 | 30149.14 | 2736.648 | 2089.396 | 3292.948 |
| #3        | 2467.501 | 29934.23 | 2797.898 | 2084.089 | 3290.199 |

Sample Name: P5042-03      Acquired: 12/15/2024 21:55:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2056720 | .1178382 | 1.854045 | .1448745 | .1678452 | 61.21074 | 4.893396 |
| Stddev | .0042102 | .0024949 | .001641  | .0052575 | .0033333 | .04955   | .010023  |
| %RSD   | 2.047062 | 2.117262 | .0885067 | 3.628985 | 1.985952 | .0809518 | .2048191 |
| #1     | .2052639 | .1206992 | 1.852293 | .1418348 | .1668929 | 61.15573 | 4.885932 |
| #2     | .2100714 | .1161144 | 1.855546 | .1418434 | .1650917 | 61.25187 | 4.904788 |
| #3     | .2016807 | .1167012 | 1.854296 | .1509453 | .1715511 | 61.22462 | 4.889470 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0904704 | .1001890 | 117.3798 | .4571447 | 1.034341 | .8632369 | 151.8746 |
| Stddev | .0004803 | .0004441 | .1611    | .0028842 | .004296  | .0090093 | .3701    |
| %RSD   | .5309504 | .4432190 | .1372145 | .6309131 | .4153099 | 1.043668 | .2436711 |
| #1     | .0907251 | .1000968 | 117.4109 | .4587260 | 1.033355 | .8640513 | 151.4593 |
| #2     | .0907698 | .0997982 | 117.5231 | .4588923 | 1.030624 | .8538480 | 152.1694 |
| #3     | .0899163 | .1006719 | 117.2055 | .4538157 | 1.039044 | .8718113 | 151.9950 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.44834 | 29.37209 | 1.102597 | .0623695 | -.071919 | 1.035644 | 2.051518 |
| Stddev | .01630   | .12111   | .003344  | .0002777 | .568302  | .002699  | .024412  |
| %RSD   | .1309485 | .4123192 | .3033092 | .4452256 | 790.1966 | .2606324 | 1.189933 |
| #1     | 12.43565 | 29.25234 | 1.100172 | .0625922 | .551621  | 1.032527 | 2.028245 |
| #2     | 12.46673 | 29.36941 | 1.101208 | .0624579 | -.560792 | 1.037236 | 2.049381 |
| #3     | 12.44265 | 29.49451 | 1.106412 | .0620584 | -.206585 | 1.037168 | 2.076928 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.624484 | 6.633920 | -.020206 | .0066167 | 1.968578 | 9.050151 | .0944339 |
| Stddev | .073084  | .013029  | .003510  | .0002764 | .002969  | .054864  | .0006583 |
| %RSD   | 1.103241 | .1964072 | 17.37167 | 4.177622 | .1508067 | .6062165 | .6971364 |
| #1     | 6.629600 | 6.621852 | -.023004 | .0069356 | 1.968559 | 9.088931 | .0942154 |
| #2     | 6.694876 | 6.632172 | -.016267 | .0064460 | 1.965619 | 9.074144 | .0951737 |
| #3     | 6.548977 | 6.647735 | -.021346 | .0064684 | 1.971556 | 8.987378 | .0939126 |

Sample Name: P5042-03      Acquired: 12/15/2024 21:55:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6842702 | .8557732 | .0891883 |
| Stddev | .0033917 | .0003316 | .0044358 |
| %RSD   | .4956733 | .0387472 | 4.973553 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6808529 | .8559551 | .0846572 |
| #2 | .6876358 | .8559740 | .0935223 |
| #3 | .6843218 | .8553905 | .0893855 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2670.856 | 32514.58 | 3053.283 | 2262.346 | 3131.125 |
| Stddev    | 20.672   | 6.06     | 11.632   | 5.931    | 22.546   |
| %RSD      | .7739794 | .0186224 | .3809618 | .2621432 | .7200631 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2659.756 | 32511.59 | 3046.068 | 2269.164 | 3118.953 |
| #2 | 2694.706 | 32510.61 | 3047.080 | 2259.498 | 3157.141 |
| #3 | 2658.104 | 32521.55 | 3066.702 | 2258.376 | 3117.280 |

Sample Name: P4964-04DL2X4      Acquired: 12/15/2024 21:59:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036892 | .0304847 | .2623331 | -.042016 | -.011792 | 6.605498 | .1090108 |
| Stddev | .0073958 | .0032670 | .0004848 | .001956  | .001942  | .056683  | .0010811 |
| %RSD   | 200.4727 | 10.71691 | .1848041 | 4.656556 | 16.47269 | .8581189 | .9917519 |
| #1     | .0110070 | .0341935 | .2623729 | -.043310 | -.009695 | 6.670944 | .1100315 |
| #2     | .0038429 | .0292279 | .2618296 | -.039765 | -.012152 | 6.571984 | .1078780 |
| #3     | -.003782 | .0280327 | .2627967 | -.042971 | -.013529 | 6.573568 | .1091229 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007772 | .0024354 | 403.6153 | .0212796 | .0446603 | .0609452 | 29.50341 |
| Stddev | .0000592 | .0000389 | 1.0157   | .0003378 | .0005316 | .0114708 | .22971   |
| %RSD   | 7.611741 | 1.598498 | .2516538 | 1.587511 | 1.190242 | 18.82144 | .7785778 |
| #1     | .0008148 | .0024249 | 404.6066 | .0216440 | .0450653 | .0650746 | 29.71941 |
| #2     | .0008079 | .0024785 | 402.5768 | .0212180 | .0440584 | .0479815 | 29.52872 |
| #3     | .0007090 | .0024028 | 403.6626 | .0209768 | .0448573 | .0697796 | 29.26209 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.766158 | 205.8166 | .0321236 | -.000739 | -.655124 | .0224055 | .4639165 |
| Stddev | .011090  | .4472    | .0005034 | .000876  | .120777  | .0034044 | .0047010 |
| %RSD   | .4009307 | .2172995 | 1.567039 | 118.5164 | 18.43579 | 15.19459 | 1.013330 |
| #1     | 2.774036 | 206.2692 | .0326142 | -.000719 | -.787967 | .0185363 | .4620937 |
| #2     | 2.770963 | 205.8059 | .0316084 | -.001625 | -.625470 | .0249419 | .4603999 |
| #3     | 2.753475 | 205.3749 | .0321483 | .000127  | -.551936 | .0237383 | .4692560 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.895340 | 1.224160 | .0169330 | .0005770 | 3.892602 | 2.530785 | .0150466 |
| Stddev | .095294  | .003571  | .0007162 | .0004915 | .023039  | .028025  | .0010530 |
| %RSD   | 5.027825 | .2917461 | 4.229496 | 85.18982 | .5918628 | 1.107357 | 6.998161 |
| #1     | 1.959021 | 1.225346 | .0169086 | .0000545 | 3.917312 | 2.536697 | .0139909 |
| #2     | 1.785785 | 1.220146 | .0176611 | .0010302 | 3.871711 | 2.555382 | .0160968 |
| #3     | 1.941215 | 1.226987 | .0162294 | .0006462 | 3.888785 | 2.500276 | .0150519 |

Sample Name: P4964-04DL2X4      Acquired: 12/15/2024 21:59:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1285524 | .1360887 | .0478818 |
| Stddev | .0032542 | .0004214 | .0076228 |
| %RSD   | 2.531391 | .3096198 | 15.92013 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1318074 | .1363983 | .0566683 |
| #2 | .1285508 | .1362590 | .0439433 |
| #3 | .1252991 | .1356089 | .0430340 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2214.411 | 27099.37 | 2594.748 | 1868.526 | 2793.441 |
| Stddev    | 2.876    | 18.56    | 22.166   | 6.734    | 2.093    |
| %RSD      | .1298903 | .0685070 | .8542812 | .3603696 | .0749087 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2211.101 | 27083.06 | 2591.484 | 1871.677 | 2792.095 |
| #2 | 2215.828 | 27119.58 | 2574.394 | 1873.107 | 2792.378 |
| #3 | 2216.304 | 27095.49 | 2618.365 | 1860.795 | 2795.852 |

Sample Name: P4964-06DL2X4      Acquired: 12/15/2024 22:03:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0103291 | .0339233 | .1756052 | -.050252 | -.015650 | 4.464836 | .0555242 |
| Stddev | .0033107 | .0032182 | .0012095 | .009174  | .001351  | .015176  | .0013516 |
| %RSD   | 32.05203 | 9.486617 | .6887466 | 18.25645 | 8.630364 | .3398979 | 2.434257 |
| #1     | .0124283 | .0333783 | .1758187 | -.060834 | -.017202 | 4.458723 | .0542155 |
| #2     | .0065126 | .0373791 | .1743032 | -.045386 | -.014744 | 4.482115 | .0569149 |
| #3     | .0120464 | .0310124 | .1766937 | -.044536 | -.015003 | 4.453671 | .0554424 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007106 | .0016899 | 557.0103 | .0152043 | .0475314 | .0170951 | 29.34283 |
| Stddev | .0000733 | .0000562 | 2.4023   | .0006430 | .0011785 | .0088171 | .05319   |
| %RSD   | 10.31323 | 3.325493 | .4312909 | 4.228857 | 2.479321 | 51.57673 | .1812811 |
| #1     | .0006261 | .0017534 | 555.6857 | .0158346 | .0467764 | .0120020 | 29.31694 |
| #2     | .0007497 | .0016697 | 559.7833 | .0152289 | .0469285 | .0120072 | 29.40402 |
| #3     | .0007561 | .0016466 | 555.5618 | .0145494 | .0488893 | .0272762 | 29.30754 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.101299 | 300.3382 | .0225673 | -.000029 | .1282846 | .0121290 | .2774852 |
| Stddev | .003999  | .5096    | .0001517 | .000964  | .8967710 | .0070624 | .0104222 |
| %RSD   | .1289456 | .1696670 | .6721603 | 3277.456 | 699.0480 | 58.22763 | 3.755951 |
| #1     | 3.102542 | 300.5135 | .0226653 | .000434  | -.807998 | .0118975 | .2669746 |
| #2     | 3.096826 | 300.7369 | .0223925 | -.001138 | .979479  | .0193043 | .2776645 |
| #3     | 3.104529 | 299.7641 | .0226440 | .000616  | .213373  | .0051851 | .2878167 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.445564 | .5125791 | .0194069 | -.000553 | 6.820787 | 2.314011 | .0076313 |
| Stddev | .116468  | .0019369 | .0008499 | .000827  | .018994  | .018983  | .0011336 |
| %RSD   | 4.762427 | .3778771 | 4.379509 | 149.5687 | .2784655 | .8203319 | 14.85393 |
| #1     | 2.566093 | .5103544 | .0192733 | -.000529 | 6.834887 | 2.334994 | .0076403 |
| #2     | 2.333634 | .5134923 | .0186317 | .000262  | 6.799189 | 2.309010 | .0064932 |
| #3     | 2.436965 | .5138906 | .0203157 | -.001391 | 6.828285 | 2.298031 | .0087603 |

Sample Name: P4964-06DL2X4      Acquired: 12/15/2024 22:03:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0380161 | .1684602 | .0537177 |
| Stddev | .0057698 | .0005071 | .0048637 |
| %RSD   | 15.17718 | .3010419 | 9.054195 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0322803 | .1682364 | .0482017 |
| #2 | .0379488 | .1690407 | .0573902 |
| #3 | .0438192 | .1681034 | .0555611 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2167.426 | 26495.13 | 2557.395 | 1819.291 | 2706.871 |
| Stddev    | 13.204   | 46.35    | 17.714   | 7.306    | 17.780   |
| %RSD      | .6091871 | .1749440 | .6926647 | .4016098 | .6568491 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2182.659 | 26517.76 | 2539.901 | 1810.855 | 2727.387 |
| #2 | 2159.267 | 26441.81 | 2556.962 | 1823.547 | 2697.299 |
| #3 | 2160.352 | 26525.81 | 2575.321 | 1823.472 | 2695.928 |

Sample Name: P4983-04DL2X4      Acquired: 12/15/2024 22:07:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0142108 | .0326972 | .0966299 | -.041797 | -.008824 | 8.859753 | .1712202 |
| Stddev | .0066903 | .0034915 | .0014367 | .003568  | .001427  | .323856  | .0057294 |
| %RSD   | 47.07911 | 10.67816 | 1.486762 | 8.537646 | 16.16718 | 3.655356 | 3.346235 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0211493 | .0346271 | .0980890 | -.045301 | -.008015 | 9.088104 | .1758468 |
| #2 | .0077998 | .0347975 | .0952168 | -.038168 | -.007985 | 9.002044 | .1730023 |
| #3 | .0136834 | .0286668 | .0965838 | -.041921 | -.010471 | 8.489113 | .1648115 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008659 | .0012240 | 421.3304 | .0140206 | .0493386 | .0701326 | 39.45851 |
| Stddev | .0001337 | .0001431 | 14.2856  | .0006271 | .0006457 | .0008415 | 1.34135  |
| %RSD   | 15.43764 | 11.68702 | 3.390583 | 4.472570 | 1.308713 | 1.199885 | 3.399400 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009502 | .0011525 | 430.9347 | .0139287 | .0491223 | .0710891 | 40.31898 |
| #2 | .0009357 | .0011309 | 428.1427 | .0134445 | .0500646 | .0698023 | 40.14358 |
| #3 | .0007118 | .0013888 | 404.9138 | .0146886 | .0488287 | .0695063 | 37.91296 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.808581 | 33.96884 | .0251976 | -.002451 | -.252042 | .0247528 | .1001813 |
| Stddev | .187802  | 1.02970  | .0001968 | .000668  | .371420  | .0034059 | .0074206 |
| %RSD   | 3.233175 | 3.031317 | .7810682 | 27.24906 | 147.3642 | 13.75960 | 7.407183 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.944499 | 34.67085 | .0249767 | -.002372 | -.312195 | .0271297 | .1009723 |
| #2 | 5.886959 | 34.44890 | .0253542 | -.001826 | .145782  | .0208509 | .1071747 |
| #3 | 5.594287 | 32.78677 | .0252618 | -.003155 | -.589714 | .0262777 | .0923969 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.465778 | 1.692490 | -.006005 | .0027088 | .7646665 | 3.337122 | .0055483 |
| Stddev | .361547  | .014742  | .003954  | .0002093 | .0092146 | .111784  | .0016410 |
| %RSD   | 24.66587 | .8710073 | 65.83757 | 7.727712 | 1.205052 | 3.349706 | 29.57555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.602860 | 1.678959 | -.003471 | .0028519 | .7540274 | 3.387396 | .0073717 |
| #2 | 1.738737 | 1.690312 | -.003984 | .0028059 | .7698563 | 3.414942 | .0041903 |
| #3 | 1.055736 | 1.708200 | -.010561 | .0024685 | .7701157 | 3.209029 | .0050830 |



Sample Name: P4983-04DL2X4      Acquired: 12/15/2024 22:07:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1425168 | .1892470 | .0486504 |
| Stddev | .0040716 | .0058490 | .0042095 |
| %RSD   | 2.856906 | 3.090692 | 8.652487 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1455219 | .1932997 | .0534450 |
| #2 | .1441455 | .1918996 | .0455615 |
| #3 | .1378830 | .1825417 | .0469448 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2304.386 | 28307.70 | 2688.499 | 1956.662 | 2887.909 |
| Stddev    | 3.900    | 313.19   | 60.616   | 17.665   | 11.924   |
| %RSD      | .1692242 | 1.106374 | 2.254644 | .9028154 | .4128897 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2307.027 | 28569.66 | 2652.536 | 1962.830 | 2901.452 |
| #2 | 2299.907 | 28392.64 | 2654.477 | 1970.416 | 2878.985 |
| #3 | 2306.223 | 27960.80 | 2758.483 | 1936.740 | 2883.291 |

Sample Name: CCV032      Acquired: 12/15/2024 22:11:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV032      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.859728 | 4.835540 | 24.12334 | 4.643017 | 4.721023 | 391.1107 | 10.04865 |
| Stddev | .006927  | .019977  | .05305   | .007537  | .006780  | 1.0250   | .03000   |
| %RSD   | .1425375 | .4131345 | .2199217 | .1623356 | .1436110 | .2620640 | .2985840 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.851748 | 4.813225 | 24.07330 | 4.634349 | 4.720055 | 391.4140 | 10.06254 |
| #2 | 4.863247 | 4.841634 | 24.11776 | 4.646673 | 4.714779 | 391.9498 | 10.06919 |
| #3 | 4.864189 | 4.851761 | 24.17896 | 4.648029 | 4.728235 | 389.9683 | 10.01422 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4940678 | 2.416207 | 398.5378 | 14.86869 | 2.417241 | 15.08145 | 398.0003 |
| Stddev | .0037655 | .004942  | .6586    | .03424   | .004296  | .04100   | .8782    |
| %RSD   | .7621468 | .2045206 | .1652532 | .2302665 | .1777316 | .2718867 | .2206572 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4900922 | 2.412247 | 399.0481 | 14.88259 | 2.412813 | 15.12525 | 398.7649 |
| #2 | .4945308 | 2.414628 | 398.7709 | 14.89380 | 2.417517 | 15.07513 | 398.1948 |
| #3 | .4975804 | 2.421745 | 397.7943 | 14.82969 | 2.421393 | 15.04397 | 397.0411 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.70444 | 392.6225 | 2.431142 | 1.214462 | 399.0182 | 2.442887 | 14.10824 |
| Stddev | .01079   | .5671    | .001716  | .004696  | 1.9829   | .023021  | .14058   |
| %RSD   | .0733466 | .1444517 | .0705686 | .3867042 | .4969555 | .9423651 | .9964487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.70857 | 392.8426 | 2.430837 | 1.216379 | 400.5734 | 2.469107 | 14.21087 |
| #2 | 14.71256 | 393.0465 | 2.429600 | 1.217896 | 399.6960 | 2.433561 | 14.16585 |
| #3 | 14.69220 | 391.9782 | 2.432990 | 1.209110 | 396.7852 | 2.425992 | 13.94801 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.3527 | 4.858354 | 4.831083 | 4.667589 | 4.871206 | 4.980456 | 4.898621 |
| Stddev | .2369    | .005562  | .043206  | .005410  | .019097  | .037044  | .012509  |
| %RSD   | .1575892 | .1144878 | .8943362 | .1159018 | .3920452 | .7437818 | .2553578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 150.0839 | 4.852125 | 4.788169 | 4.665236 | 4.855459 | 4.941680 | 4.892222 |
| #2 | 150.5315 | 4.862823 | 4.830504 | 4.663753 | 4.865710 | 4.984205 | 4.890606 |
| #3 | 150.4425 | 4.860114 | 4.874575 | 4.673776 | 4.892448 | 5.015482 | 4.913035 |

Sample Name: CCV032      Acquired: 12/15/2024 22:11:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV032      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.969873 | 4.729002 | 5.246234 |
| Stddev | .010363  | .010620  | .010242  |
| %RSD   | .2085070 | .2245660 | .1952211 |
| #1     | 4.975121 | 4.734173 | 5.258046 |
| #2     | 4.976562 | 4.736046 | 5.240820 |
| #3     | 4.957936 | 4.716787 | 5.239835 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1938.555 | 25370.05 | 2470.207 | 1675.234 | 2551.686 |
| Stddev    | 2.682    | 83.20    | 14.096   | 8.465    | 5.553    |
| %RSD      | .1383630 | .3279648 | .5706228 | .5052982 | .2176019 |
| #1        | 1940.452 | 25291.41 | 2485.277 | 1672.948 | 2557.098 |
| #2        | 1939.727 | 25361.56 | 2467.997 | 1668.146 | 2551.959 |
| #3        | 1935.486 | 25457.17 | 2457.347 | 1684.607 | 2546.003 |

Sample Name: CCB032      Acquired: 12/15/2024 22:14:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB032      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002283</b> | <b>.0001138</b> | <b>.0011940</b> | <b>.0002812</b> | <b>-.005179</b> | <b>.0126625</b> | <b>.0015013</b> |
| Stddev | .002830         | .0023041        | .0017032        | .0056327        | .001510         | .0120336        | .0002556        |
| %RSD   | 123.9896        | 2025.290        | 142.6512        | 2002.975        | 29.14631        | 95.03349        | 17.02140        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004938</b> | <b>-.002518</b> | <b>.0004298</b> | <b>.0052798</b> | <b>-.003491</b> | <b>-.001165</b> | <b>.0014359</b> |
| #2 | <b>.000695</b>  | <b>.001766</b>  | <b>.0000066</b> | <b>.0013859</b> | <b>-.005646</b> | <b>.020764</b>  | <b>.0012849</b> |
| #3 | <b>-.002604</b> | <b>.001093</b>  | <b>.0031454</b> | <b>-.005822</b> | <b>-.006400</b> | <b>.018388</b>  | <b>.0017832</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000040</b> | <b>.0000900</b> | <b>-.023215</b> | <b>.0005625</b> | <b>-.000296</b> | <b>-.006296</b> | <b>-.006146</b> |
| Stddev | .000089         | .0001053        | .038705         | .0003593        | .000327         | .006965         | .016727         |
| %RSD   | 222.5679        | 117.0442        | 166.7222        | 63.87556        | 110.2953        | 110.6313        | 272.1820        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000109</b> | <b>.0001383</b> | <b>-.053002</b> | <b>.0009084</b> | <b>.000017</b>  | <b>-.011406</b> | <b>-.025406</b> |
| #2 | <b>-.000073</b> | <b>-.000031</b> | <b>-.037178</b> | <b>.0001911</b> | <b>-.000635</b> | <b>.001638</b>  | <b>.002231</b>  |
| #3 | <b>.000061</b>  | <b>.000162</b>  | <b>.020534</b>  | <b>.0005881</b> | <b>-.000270</b> | <b>-.009119</b> | <b>.004738</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001545</b> | <b>.0640417</b> | <b>.0006286</b> | <b>.0000221</b> | <b>-.638631</b> | <b>-.012951</b> | <b>-.012492</b> |
| Stddev | .000709         | .1032432        | .0002159        | .0004114        | .200974         | .003791         | .005279         |
| %RSD   | 45.88215        | 161.2125        | 34.34541        | 1863.436        | 31.46942        | 29.26919        | 42.25737        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001252</b> | <b>.1692524</b> | <b>.0008773</b> | <b>.0003572</b> | <b>-.560886</b> | <b>-.008851</b> | <b>-.006415</b> |
| #2 | <b>-.002353</b> | <b>.0599871</b> | <b>.0004888</b> | <b>-.000437</b> | <b>-.488144</b> | <b>-.013672</b> | <b>-.015117</b> |
| #3 | <b>-.001030</b> | <b>-.037115</b> | <b>.0005198</b> | <b>.000146</b>  | <b>-.866863</b> | <b>-.016329</b> | <b>-.015943</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6721944</b> | <b>-.001119</b> | <b>.0062677</b> | <b>-.000081</b> | <b>-.006061</b> | <b>.0028624</b> | <b>-.000911</b> |
| Stddev | .1340443        | .000730         | .0020932        | .000133         | .000387         | .0006764        | .000615         |
| %RSD   | 19.94130        | 65.22444        | 33.39603        | 164.6200        | 6.389481        | 23.63195        | 67.45438        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.5573372</b> | <b>-.000656</b> | <b>.0086270</b> | <b>-.000191</b> | <b>-.006502</b> | <b>.0020950</b> | <b>-.001572</b> |
| #2 | <b>.6397691</b> | <b>-.001961</b> | <b>.0046333</b> | <b>-.000118</b> | <b>-.005776</b> | <b>.0033722</b> | <b>-.000357</b> |
| #3 | <b>.8194770</b> | <b>-.000741</b> | <b>.0055429</b> | <b>.000067</b>  | <b>-.005905</b> | <b>.0031201</b> | <b>-.000803</b> |

Sample Name: CCB032      Acquired: 12/15/2024 22:14:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB032      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0016239 | .0003430 | .0148301 |
| Stddev | .0036334 | .0001465 | .0033283 |
| %RSD   | 223.7434 | 42.69267 | 22.44285 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0057438 | .0004545 | .0163595 |
| #2 | .0002507 | .0003975 | .0110120 |
| #3 | -.001123 | .0001772 | .0171187 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2343.721 | 28521.07 | 2588.760 | 1974.885 | 3253.631 |
| Stddev    | 4.510    | 91.64    | 15.708   | 11.087   | 4.961    |
| %RSD      | .1924338 | .3212933 | .6067755 | .5613911 | .1524716 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2340.668 | 28625.70 | 2572.337 | 1986.144 | 3251.409 |
| #2 | 2341.594 | 28482.41 | 2590.306 | 1974.530 | 3250.170 |
| #3 | 2348.902 | 28455.09 | 2603.638 | 1963.979 | 3259.315 |

Sample Name: P4983-19DL2X4      Acquired: 12/15/2024 22:18:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071979 | .0353834 | .0947996 | -.043661 | -.014245 | 6.063247 | .0808417 |
| Stddev | .0042337 | .0019408 | .0005253 | .002457  | .002380  | .070553  | .0008063 |
| %RSD   | 58.81842 | 5.485017 | .5541209 | 5.627329 | 16.71103 | 1.163610 | .9973737 |
| #1     | .0103180 | .0337125 | .0941931 | -.043166 | -.016553 | 6.071693 | .0800895 |
| #2     | .0023786 | .0375122 | .0951067 | -.041489 | -.014382 | 5.988852 | .0816929 |
| #3     | .0088970 | .0349254 | .0950991 | -.046328 | -.011798 | 6.129196 | .0807425 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006601 | .0012662 | 568.8111 | .0124785 | .0486143 | .0390448 | 23.73509 |
| Stddev | .0001429 | .0000794 | 1.8847   | .0007197 | .0009511 | .0110100 | .07903   |
| %RSD   | 21.65204 | 6.273822 | .3313405 | 5.767561 | 1.956511 | 28.19846 | .3329507 |
| #1     | .0005455 | .0012970 | 568.4096 | .0117009 | .0497125 | .0362955 | 23.70410 |
| #2     | .0006147 | .0013256 | 567.1595 | .0126136 | .0480753 | .0511690 | 23.67626 |
| #3     | .0008203 | .0011760 | 570.8642 | .0131211 | .0480550 | .0296700 | 23.82492 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.188933 | 84.84648 | .0204921 | -.001849 | -.758455 | .0042717 | .1684576 |
| Stddev | .009254  | .47329   | .0006880 | .001645  | .640553  | .0058895 | .0054926 |
| %RSD   | .2902029 | .5578183 | 3.357238 | 88.99750 | 84.45508 | 137.8710 | 3.260525 |
| #1     | 3.194404 | 84.79082 | .0197523 | -.000460 | -1.47979 | .0015967 | .1736105 |
| #2     | 3.178248 | 84.40348 | .0211126 | -.003666 | -.25613  | .0001946 | .1690836 |
| #3     | 3.194148 | 85.34514 | .0206115 | -.001421 | -.53944  | .0110239 | .1626789 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.492802 | .8201866 | .0128324 | -.000080 | 1.988787 | 2.582627 | .0098444 |
| Stddev | .064962  | .0072444 | .0031887 | .000362  | .012895  | .035019  | .0013477 |
| %RSD   | 4.351692 | .8832671 | 24.84876 | 454.6440 | .6483947 | 1.355941 | 13.69042 |
| #1     | 1.496005 | .8184069 | .0160699 | .000230  | 1.977169 | 2.611275 | .0083232 |
| #2     | 1.556104 | .8139978 | .0096948 | .000008  | 1.986532 | 2.543589 | .0108893 |
| #3     | 1.426298 | .8281550 | .0127325 | -.000477 | 2.002662 | 2.593016 | .0103208 |

Sample Name: P4983-19DL2X4      Acquired: 12/15/2024 22:18:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0803896 | .3674522 | .0561294 |
| Stddev | .0035464 | .0015551 | .0027969 |
| %RSD   | 4.411511 | .4232000 | 4.982921 |
| #1     | .0818482 | .3675165 | .0544641 |
| #2     | .0829742 | .3658660 | .0545657 |
| #3     | .0763465 | .3689741 | .0593584 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2255.676 | 27416.17 | 2635.897 | 1892.246 | 2814.767 |
| Stddev    | 3.422    | 161.82   | 18.484   | 16.443   | 3.267    |
| %RSD      | .1517268 | .5902279 | .7012360 | .8689766 | .1160773 |
| #1        | 2256.731 | 27523.38 | 2618.060 | 1903.321 | 2813.710 |
| #2        | 2258.448 | 27230.03 | 2654.966 | 1873.352 | 2818.432 |
| #3        | 2251.851 | 27495.10 | 2634.667 | 1900.065 | 2812.160 |

Sample Name: P4983-20DL2X4      Acquired: 12/15/2024 22:22:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | -.002380 | .0334739 | .0524696 | -.046407   | -.018417 | 4.925661 |
| Stddev | .002198  | .0017775 | .0025644 | .003369    | .000698  | .034804  |
| %RSD   | 92.33433 | 5.310096 | 4.887372 | 7.259797   | 3.790007 | .7065798 |
| #1     | -.004884 | .0316302 | .0495121 | -.045356   | -.018692 | 4.942828 |
| #2     | -.000769 | .0336147 | .0540737 | -.043689   | -.017623 | 4.885609 |
| #3     | -.001488 | .0351768 | .0538231 | -.050176   | -.018936 | 4.948546 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0656048 | .0004211 | .0007835 | F 801.7278 | .0095732 | .0499595 |
| Stddev | .0005652 | .0001530 | .0000805 | 2.7127     | .0008569 | .0006963 |
| %RSD   | .8614718 | 36.33739 | 10.27940 | .3383563   | 8.951124 | 1.393692 |
| #1     | .0655587 | .0005399 | .0007505 | 798.5983   | .0105623 | .0501643 |
| #2     | .0661916 | .0002484 | .0007248 | 803.4094   | .0090524 | .0505304 |
| #3     | .0650641 | .0004749 | .0008753 | 803.1756   | .0091051 | .0491837 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0298099 | 18.38535 | 3.510624 | 51.17913   | .0162394 | -.000215 |
| Stddev | .0098049 | .03146   | .018533  | .07737     | .0003684 | .000293  |
| %RSD   | 32.89152 | .1710879 | .5279207 | .1511772   | 2.268800 | 136.0260 |
| #1     | .0203002 | 18.35988 | 3.493034 | 51.09406   | .0165835 | -.000433 |
| #2     | .0398855 | 18.42051 | 3.529975 | 51.19803   | .0162842 | -.000330 |
| #3     | .0292439 | 18.37566 | 3.508863 | 51.24530   | .0158507 | .000118  |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | -.467538 | .0047276 | .1018537 | 1.254738   | .8147637 | .0126813 |
| Stddev | .946202  | .0094583 | .0022335 | .072453    | .0069600 | .0018320 |
| %RSD   | 202.3798 | 200.0656 | 2.192871 | 5.774352   | .8542400 | 14.44676 |
| #1     | .451349  | .0112870 | .1006788 | 1.281207   | .8112289 | .0110003 |
| #2     | -1.43887 | -.006115 | .1044294 | 1.310235   | .8102805 | .0146340 |
| #3     | -.41509  | .009010  | .1004529 | 1.172772   | .8227818 | .0124095 |



Sample Name: P4983-20DL2X4      Acquired: 12/15/2024 22:22:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJH0      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Sr4077          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000749</b> | <b>.9384875</b> | <b>2.599193</b> | <b>.0059824</b> | <b>.0648727</b> | <b>.5905101</b> |
| Stddev | .000315         | .0101376        | .032754         | .0015814        | .0037344        | .0034345        |
| %RSD   | 42.04294        | 1.080205        | 1.260165        | 26.43427        | 5.756434        | .5816111        |
| #1     | <b>-.000688</b> | <b>.9420155</b> | <b>2.572516</b> | <b>.0076450</b> | <b>.0675406</b> | <b>.5877987</b> |
| #2     | <b>-.000469</b> | <b>.9270572</b> | <b>2.635750</b> | <b>.0058050</b> | <b>.0664725</b> | <b>.5943722</b> |
| #3     | <b>-.001089</b> | <b>.9463896</b> | <b>2.589315</b> | <b>.0044972</b> | <b>.0606050</b> | <b>.5893594</b> |

|        |                 |
|--------|-----------------|
| Elem   | Li6707          |
| Units  | ppm             |
| Avg    | <b>.0704452</b> |
| Stddev | .0088410        |
| %RSD   | 12.55014        |
| #1     | <b>.0791209</b> |
| #2     | <b>.0614478</b> |
| #3     | <b>.0707669</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2276.924</b> | <b>27726.76</b> | <b>2684.798</b> | <b>1916.888</b> | <b>2829.761</b> |
| Stddev    | 11.941          | 159.73          | 7.023           | 10.248          | 14.228          |
| %RSD      | .5244228        | .5760955        | .2615683        | .5346110        | .5027978        |
| #1        | <b>2288.051</b> | <b>27584.36</b> | <b>2683.148</b> | <b>1909.672</b> | <b>2838.901</b> |
| #2        | <b>2278.412</b> | <b>27696.44</b> | <b>2678.747</b> | <b>1912.373</b> | <b>2837.014</b> |
| #3        | <b>2264.309</b> | <b>27899.48</b> | <b>2692.499</b> | <b>1928.618</b> | <b>2813.368</b> |

Sample Name: P5039-01      Acquired: 12/15/2024 22:27:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0944679 | .0108384 | 1.060964 | .0045145 | .0266958   | 64.50862 |
| Stddev | .0009836 | .0031606 | .002904  | .0038654 | .0029686   | .07059   |
| %RSD   | 1.041224 | 29.16099 | .2737032 | 85.62220 | 11.11998   | .1094234 |
| #1     | .0933775 | .0130489 | 1.062821 | .0064326 | .0292114   | 64.56161 |
| #2     | .0952884 | .0072183 | 1.057618 | .0070458 | .0274546   | 64.53575 |
| #3     | .0947379 | .0122479 | 1.062453 | .0000652 | .0234215   | 64.42849 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.312243 | .0064473 | .0068407 | 55.98495 | .1189129   | .0905961 |
| Stddev | .003190  | .0001647 | .0000588 | .08339   | .0004768   | .0006922 |
| %RSD   | .2430688 | 2.554232 | .8591668 | .1489460 | .4009276   | .7640415 |
| #1     | 1.313566 | .0064890 | .0069083 | 55.95623 | .1193419   | .0903921 |
| #2     | 1.314559 | .0065871 | .0068020 | 56.07890 | .1183996   | .0900288 |
| #3     | 1.308605 | .0062657 | .0068117 | 55.91971 | .1189970   | .0913674 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3336049 | 151.0867 | 6.768650 | 19.46657 | .1649439   | -.008165 |
| Stddev | .0057798 | .0509    | .007726  | .04100   | .0000422   | .000245  |
| %RSD   | 1.732534 | .0336724 | .1141477 | .2106304 | .0255643   | 3.003251 |
| #1     | .3303649 | 151.0730 | 6.759981 | 19.51367 | .1649360   | -.008337 |
| #2     | .3402779 | 151.1430 | 6.774810 | 19.44722 | .1649895   | -.008274 |
| #3     | .3301718 | 151.0441 | 6.771160 | 19.43882 | .1649063   | -.007884 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.403050 | .1627979 | 1.278187 | 8.570754 | F 12.24235 | -.017178 |
| Stddev | .161115  | .0040067 | .012111  | .107361  | .04070     | .004006  |
| %RSD   | 39.97386 | 2.461158 | .9474864 | 1.252646 | .3324762   | 23.32304 |
| #1     | -.522353 | .1673837 | 1.287691 | 8.451401 | 12.26486   | -.017702 |
| #2     | -.219774 | .1599741 | 1.264551 | 8.659456 | 12.19537   | -.020897 |
| #3     | -.467025 | .1610361 | 1.282320 | 8.601407 | 12.26683   | -.012936 |

Sample Name: P5039-01      Acquired: 12/15/2024 22:27:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053169 | 4.275331 | 8.900402 | .0810935 | .7194359 | .0150356 |
| Stddev | .0003256 | .017576  | .073029  | .0032462 | .0053459 | .0004397 |
| %RSD   | 6.124037 | .4110909 | .8205182 | 4.002973 | .7430737 | 2.924309 |
| #1     | .0050265 | 4.293720 | 8.855213 | .0832728 | .7148650 | .0152271 |
| #2     | .0052553 | 4.258701 | 8.984655 | .0826449 | .7253143 | .0153470 |
| #3     | .0056689 | 4.273572 | 8.861339 | .0773627 | .7181284 | .0145326 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1011694 |
| Stddev | .0062702 |
| %RSD   | 6.197718 |
| #1     | .0939295 |
| #2     | .1047393 |
| #3     | .1048396 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2751.644 | 33348.75 | 3088.377 | 2317.810 | 3199.357 |
| Stddev    | 11.472   | 132.63   | 9.941    | 7.074    | 9.996    |
| %RSD      | .4169183 | .3977174 | .3219000 | .3052137 | .3124296 |
| #1        | 2760.899 | 33204.54 | 3094.255 | 2311.689 | 3202.318 |
| #2        | 2755.224 | 33465.51 | 3076.899 | 2325.555 | 3207.538 |
| #3        | 2738.808 | 33376.20 | 3093.977 | 2316.185 | 3188.216 |

Sample Name: P5039-02      Acquired: 12/15/2024 22:31:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0972839 | .0088882 | 1.611177 | .0015772 | .0257436 | 68.68270 |
| Stddev | .0058046 | .0025140 | .006649  | .0099800 | .0018381 | .35898   |
| %RSD   | 5.966673 | 28.28482 | .4126956 | 632.7825 | 7.139872 | .5226696 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0942127 | .0065731 | 1.617213 | -.007546 | .0273541 | 68.29549 |
| #2 | .0936602 | .0115625 | 1.604050 | .012236  | .0261355 | 68.74813 |
| #3 | .1039790 | .0085290 | 1.612268 | .000041  | .0237412 | 69.00446 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.310251 | .0066777 | .0071832 | 61.74207 | .1293831 | .0903990 |
| Stddev | .007222  | .0000837 | .0001196 | .39195   | .0002792 | .0004090 |
| %RSD   | .5511805 | 1.252841 | 1.664451 | .6348217 | .2157875 | .4524551 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.302304 | .0065978 | .0071697 | 61.32847 | .1290962 | .0904514 |
| #2 | 1.312035 | .0066705 | .0073089 | 61.78973 | .1296539 | .0907793 |
| #3 | 1.316414 | .0067647 | .0070709 | 62.10801 | .1293992 | .0899663 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4332231 | 148.1359 | 6.177343 | 20.26017 | .1780154 | -.007036 |
| Stddev | .0061003 | .9945    | .033307  | .10759   | .0011799 | .000773  |
| %RSD   | 1.408112 | .6713524 | .5391772 | .5310312 | .6628253 | 10.98480 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4351603 | 147.0036 | 6.139322 | 20.20774 | .1791314 | -.006147 |
| #2 | .4381196 | 148.5360 | 6.191343 | 20.18884 | .1781342 | -.007545 |
| #3 | .4263895 | 148.8680 | 6.201366 | 20.38392 | .1767805 | -.007417 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.229991 | .1762563 | 1.610312 | 8.561665 | F 13.72492 | -.013204 |
| Stddev | .395847  | .0052479 | .009169  | .222949  | .03891     | .003094  |
| %RSD   | 172.1145 | 2.977419 | .5693832 | 2.604038 | .2834954   | 23.43365 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.333121 | .1818808 | 1.620831 | 8.786809 | 13.75995 | -.016064 |
| #2 | .207215  | .1714911 | 1.606095 | 8.340978 | 13.68304 | -.009920 |
| #3 | -.564066 | .1753970 | 1.604010 | 8.557208 | 13.73178 | -.013627 |

Sample Name: P5039-02      Acquired: 12/15/2024 22:31:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047272 | 4.056691 | 7.497628 | .1569703 | .6980624 | .0457350 |
| Stddev | .0003269 | .018761  | .034194  | .0007606 | .0055268 | .0003615 |
| %RSD   | 6.915871 | .4624744 | .4560641 | .4845751 | .7917270 | .7903626 |
| #1     | .0050680 | 4.057543 | 7.459193 | .1561458 | .6917002 | .0460292 |
| #2     | .0046976 | 4.037519 | 7.509014 | .1576446 | .7008116 | .0458444 |
| #3     | .0044161 | 4.075012 | 7.524675 | .1571206 | .7016754 | .0453315 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1052990 |
| Stddev | .0029338 |
| %RSD   | 2.786198 |
| #1     | .1019155 |
| #2     | .1068458 |
| #3     | .1071358 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2746.604 | 33623.26 | 3101.276 | 2333.064 | 3168.938 |
| Stddev    | 2.668    | 209.81   | 13.295   | 9.019    | 4.119    |
| %RSD      | .0971324 | .6239902 | .4286910 | .3865563 | .1299783 |
| #1        | 2743.603 | 33859.32 | 3116.133 | 2343.419 | 3164.367 |
| #2        | 2748.708 | 33458.04 | 3090.500 | 2328.845 | 3172.363 |
| #3        | 2747.500 | 33552.42 | 3097.197 | 2326.929 | 3170.085 |

Sample Name: P5039-03      Acquired: 12/15/2024 22:35:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0984190 | .0099199 | .9453780 | .0020789 | .0253098 | 65.87389 |
| Stddev | .0019631 | .0009406 | .0045913 | .0039422 | .0026433 | .09264   |
| %RSD   | 1.994650 | 9.481572 | .4856624 | 189.6340 | 10.44357 | .1406280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0983916 | .0092142 | .9460898 | .0044703 | .0223522 | 65.76788 |
| #2 | .0964697 | .0095579 | .9404723 | .0042375 | .0261357 | 65.91453 |
| #3 | .1003957 | .0109877 | .9495718 | -.002471 | .0274415 | 65.93926 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.249449 | .0062872 | .0065116 | 63.85632 | .1180690 | .0889114 |
| Stddev | .003963  | .0000355 | .0001084 | .13225   | .0007922 | .0007259 |
| %RSD   | .3171657 | .5641676 | 1.665321 | .2070978 | .6709958 | .8164823 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.245037 | .0062978 | .0065990 | 63.86739 | .1186738 | .0893638 |
| #2 | 1.250604 | .0063162 | .0065455 | 63.71889 | .1183610 | .0880741 |
| #3 | 1.252706 | .0062477 | .0063902 | 63.98268 | .1171722 | .0892964 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3225095 | 146.8604 | 6.470020 | 22.06159 | .1521890 | -.008775 |
| Stddev | .0068220 | .3140    | .023592  | .15113   | .0011425 | .001172  |
| %RSD   | 2.115289 | .2138198 | .3646349 | .6850344 | .7506964 | 13.35845 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3234697 | 146.5694 | 6.443209 | 21.91153 | .1517573 | -.008208 |
| #2 | .3152583 | 147.1933 | 6.487604 | 22.05948 | .1513252 | -.007994 |
| #3 | .3288006 | 146.8184 | 6.479247 | 22.21376 | .1534844 | -.010123 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0074124 | .1740976 | 1.067275 | 7.148692 | F 11.85630 | -.013211 |
| Stddev | .4373024 | .0051111 | .015100  | .121093  | .03508     | .001683  |
| %RSD   | 5899.576 | 2.935790 | 1.414818 | 1.693922 | .2959073   | 12.74135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0579311 | .1763906 | 1.054850 | 7.008871 | 11.85430 | -.013921 |
| #2 | .4172615 | .1682415 | 1.062893 | 7.217521 | 11.82226 | -.014424 |
| #3 | -.452955 | .1776607 | 1.084081 | 7.219684 | 11.89234 | -.011289 |

Sample Name: P5039-03      Acquired: 12/15/2024 22:35:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039270 | 3.212864 | 8.224322 | .0704238 | .6477648 | .0467659 |
| Stddev | .0002715 | .017458  | .019312  | .0014013 | .0041183 | .0003239 |
| %RSD   | 6.913271 | .5433754 | .2348136 | 1.989766 | .6357723 | .6926491 |
| #1     | .0039039 | 3.215629 | 8.225137 | .0705458 | .6466984 | .0466098 |
| #2     | .0042092 | 3.194188 | 8.243213 | .0689656 | .6442846 | .0465496 |
| #3     | .0036678 | 3.228773 | 8.204616 | .0717602 | .6523114 | .0471383 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1077015 |
| Stddev | .0027158 |
| %RSD   | 2.521573 |
| #1     | .1102940 |
| #2     | .1048773 |
| #3     | .1079332 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2770.739 | 33585.07 | 3106.720 | 2340.074 | 3232.704 |
| Stddev    | 10.698   | 88.95    | 3.889    | 11.705   | 8.937    |
| %RSD      | .3861167 | .2648365 | .1251836 | .5001940 | .2764564 |
| #1        | 2758.477 | 33613.98 | 3108.216 | 2343.283 | 3222.856 |
| #2        | 2778.164 | 33655.96 | 3102.305 | 2349.840 | 3240.299 |
| #3        | 2775.576 | 33485.26 | 3109.639 | 2327.099 | 3234.957 |

Sample Name: P5039-04      Acquired: 12/15/2024 22:39:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1171705 | .0171033 | .6323914 | .0036379 | .0265440 | 70.84916 |
| Stddev | .0040234 | .0034487 | .0005722 | .0052214 | .0015711 | .08763   |
| %RSD   | 3.433832 | 20.16392 | .0904829 | 143.5301 | 5.918788 | .1236820 |
| #1     | .1206787 | .0140100 | .6329471 | .0093957 | .0282946 | 70.93178 |
| #2     | .1127787 | .0208219 | .6318040 | .0023076 | .0260807 | 70.85844 |
| #3     | .1180543 | .0164781 | .6324230 | -.000790 | .0252567 | 70.75726 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.551076 | .0063387 | .0064160 | 64.35486 | .1047523 | .1125873 |
| Stddev | .002785  | .0001918 | .0000803 | .07225   | .0041616 | .0008753 |
| %RSD   | .1795564 | 3.025438 | 1.250916 | .1122647 | 3.972750 | .7774342 |
| #1     | 1.552978 | .0063922 | .0065001 | 64.28223 | .0999622 | .1115942 |
| #2     | 1.552371 | .0064981 | .0063403 | 64.42672 | .1074779 | .1129214 |
| #3     | 1.547880 | .0061259 | .0064076 | 64.35562 | .1068169 | .1132464 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2640845 | 165.1108 | 9.886914 | 22.80903 | .1420345 | -.010747 |
| Stddev | .0054744 | .2895    | .031335  | .10191   | .0007186 | .001646  |
| %RSD   | 2.072984 | .1753415 | .3169343 | .4468083 | .5059092 | 15.31737 |
| #1     | .2612590 | 165.3297 | 9.894823 | 22.71162 | .1428089 | -.009106 |
| #2     | .2606003 | 165.2201 | 9.913536 | 22.80055 | .1413894 | -.012398 |
| #3     | .2703944 | 164.7825 | 9.852382 | 22.91492 | .1419052 | -.010738 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.048821 | .1725976 | .8551815 | 6.593720 | F 15.03828 | -.013581 |
| Stddev | .218088  | .0105882 | .0143912 | .094794  | .04790     | .003820  |
| %RSD   | 446.7088 | 6.134633 | 1.682828 | 1.437637 | .3185016   | 28.12785 |
| #1     | -.231369 | .1839021 | .8386183 | 6.504388 | 15.00563   | -.009921 |
| #2     | -.107780 | .1709784 | .8622994 | 6.693164 | 15.01595   | -.017543 |
| #3     | .192685  | .1629122 | .8646267 | 6.583608 | 15.09327   | -.013277 |



Sample Name: P5039-04      Acquired: 12/15/2024 22:39:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0043819 | 2.924561 | 7.296006 | .0500188 | .5436697 | .0257341 |
| Stddev | .0008352 | .020744  | .072590  | .0014505 | .0041955 | .0002473 |
| %RSD   | 19.05944 | .7093043 | .9949329 | 2.899839 | .7716995 | .9610581 |
| #1     | .0044466 | 2.902557 | 7.243719 | .0497434 | .5410729 | .0257051 |
| #2     | .0035163 | 2.927365 | 7.378885 | .0515873 | .5485100 | .0259947 |
| #3     | .0051829 | 2.943760 | 7.265415 | .0487258 | .5414263 | .0255026 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1134071 |
| Stddev | .0026401 |
| %RSD   | 2.327994 |
| #1     | .1132688 |
| #2     | .1108388 |
| #3     | .1161136 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2860.376 | 34883.69 | 3229.558 | 2428.615 | 3196.591 |
| Stddev    | 8.031    | 610.39   | 8.047    | 39.893   | 6.718    |
| %RSD      | .2807657 | 1.749788 | .2491761 | 1.642627 | .2101621 |
| #1        | 2852.028 | 35550.07 | 3225.047 | 2472.220 | 3192.435 |
| #2        | 2868.048 | 34351.68 | 3224.777 | 2393.951 | 3204.341 |
| #3        | 2861.051 | 34749.33 | 3238.849 | 2419.673 | 3192.996 |

Sample Name: P5039-05      Acquired: 12/15/2024 22:42:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0787260 | .0090848 | .3248573 | -.001853 | .0267069 | 65.74693 | 1.016142 |
| Stddev | .0056273 | .0041178 | .0026180 | .007555  | .0034225 | .31350   | .006177  |
| %RSD   | 7.148004 | 45.32648 | .8058762 | 407.6807 | 12.81514 | .4768329 | .6078948 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0775181 | .0137422 | .3218751 | -.006865 | .0296145 | 65.38495 | 1.009017 |
| #2 | .0848592 | .0075856 | .3267768 | .006837  | .0229351 | 65.93173 | 1.019994 |
| #3 | .0738007 | .0059266 | .3259200 | -.005532 | .0275712 | 65.92410 | 1.019414 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061168 | .0046020 | 60.68805 | .0994321 | .0884853 | .2350336 | 157.6049 |
| Stddev | .0001804 | .0000513 | .15635   | .0007383 | .0005508 | .0038081 | .8179    |
| %RSD   | 2.948754 | 1.115422 | .2576286 | .7425070 | .6225373 | 1.620227 | .5189420 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059195 | .0046200 | 60.51253 | .1002561 | .0881639 | .2375981 | 156.6605 |
| #2 | .0061577 | .0046419 | 60.73917 | .0992093 | .0881707 | .2368448 | 158.0729 |
| #3 | .0062732 | .0045441 | 60.81243 | .0988308 | .0891214 | .2306580 | 158.0812 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.587190 | 26.78369 | .1303060 | -.010589 | .5378745 | .1498696 | .6848977 |
| Stddev | .043101  | .20329   | .0011230 | .000081  | .4525847 | .0029588 | .0060961 |
| %RSD   | .7714228 | .7589936 | .8618321 | .7636829 | 84.14318 | 1.974238 | .8900780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.537830 | 26.57081 | .1298810 | -.010657 | .9256554 | .1481341 | .6822074 |
| #2 | 5.606362 | 26.97578 | .1315795 | -.010611 | .0405827 | .1481886 | .6918762 |
| #3 | 5.617379 | 26.80449 | .1294575 | -.010499 | .6473854 | .1532859 | .6806096 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.852697 | 8.781109 | -.016153 | .0031535 | 1.914645 | 9.302591 | .0274731 |
| Stddev | .217938  | .031425  | .001793  | .0001891 | .010121  | .057730  | .0017833 |
| %RSD   | 3.723722 | .3578756 | 11.09745 | 5.998272 | .5285954 | .6205756 | 6.490943 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.602806 | 8.746825 | -.018163 | .0031147 | 1.909906 | 9.237756 | .0266751 |
| #2 | 6.003389 | 8.787953 | -.015577 | .0029867 | 1.907764 | 9.348426 | .0295161 |
| #3 | 5.951896 | 8.808547 | -.014720 | .0033590 | 1.926266 | 9.321590 | .0262283 |

Sample Name: P5039-05      Acquired: 12/15/2024 22:42:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7096703 | -.021182 | .1041977 |
| Stddev | .0046807 | .000317  | .0042971 |
| %RSD   | .6595593 | 1.498025 | 4.124035 |
| #1     | .7106800 | -.021003 | .1083021 |
| #2     | .7045672 | -.020995 | .1045601 |
| #3     | .7137638 | -.021549 | .0997308 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2797.510 | 34057.45 | 3169.390 | 2365.235 | 3145.274 |
| Stddev    | 10.990   | 200.19   | 14.530   | 12.881   | 14.983   |
| %RSD      | .3928524 | .5877964 | .4584596 | .5446168 | .4763636 |
| #1        | 2807.110 | 33890.53 | 3185.729 | 2360.071 | 3160.868 |
| #2        | 2799.899 | 34002.43 | 3164.526 | 2355.737 | 3143.969 |
| #3        | 2785.522 | 34279.40 | 3157.916 | 2379.897 | 3130.987 |

Sample Name: P5039-06      Acquired: 12/15/2024 22:46:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0623205 | .0255702 | 1.474217 | -.021986 | .0161549 | 63.52170 | .9430249 |
| Stddev | .0045620 | .0019118 | .005883  | .005960  | .0010289 | .23045   | .0063173 |
| %RSD   | 7.320258 | 7.476692 | .3990386 | 27.11062 | 6.368672 | .3627901 | .6698934 |
| #1     | .0575172 | .0239122 | 1.476358 | -.016196 | .0168459 | 63.37944 | .9396695 |
| #2     | .0628491 | .0276614 | 1.467564 | -.028104 | .0149725 | 63.78758 | .9503118 |
| #3     | .0665952 | .0251370 | 1.478729 | -.021657 | .0166464 | 63.39807 | .9390933 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056546 | .0047549 | 258.2369 | .0988016 | .1028052 | 1.214537 | 163.4468 |
| Stddev | .0001287 | .0000533 | .9955    | .0005914 | .0004239 | .014558  | .7544    |
| %RSD   | 2.275212 | 1.121194 | .3855129 | .5986227 | .4123073 | 1.198627 | .4615657 |
| #1     | .0055270 | .0048151 | 257.3557 | .0994842 | .1027592 | 1.205119 | 162.8401 |
| #2     | .0057843 | .0047361 | 259.3168 | .0984799 | .1032502 | 1.231304 | 164.2915 |
| #3     | .0056524 | .0047136 | 258.0382 | .0984408 | .1024062 | 1.207187 | 163.2087 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.113944 | 52.29120 | .1556807 | -.012482 | .4495048 | .1263685 | 6.906478 |
| Stddev | .049021  | .18705   | .0004066 | .000393  | .0945682 | .0106166 | .064379  |
| %RSD   | .6041632 | .3577119 | .2611761 | 3.147434 | 21.03830 | 8.401279 | .9321510 |
| #1     | 8.109037 | 52.32537 | .1552625 | -.012688 | .3571319 | .1325048 | 6.838768 |
| #2     | 8.165235 | 52.45882 | .1560746 | -.012728 | .5461251 | .1141095 | 6.966906 |
| #3     | 8.067561 | 52.08942 | .1557051 | -.012029 | .4452574 | .1324912 | 6.913761 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.994783 | 8.083288 | -.012528 | .0020800 | 1.467217 | 7.943111 | .5932700 |
| Stddev | .084308  | .017945  | .002289  | .0002519 | .004886  | .042105  | .0017430 |
| %RSD   | 1.687920 | .2219962 | 18.26908 | 12.11133 | .3329774 | .5300813 | .2937872 |
| #1     | 4.951063 | 8.075969 | -.011207 | .0022758 | 1.463121 | 7.958936 | .5912606 |
| #2     | 5.091971 | 8.070159 | -.015171 | .0021684 | 1.465906 | 7.975010 | .5941762 |
| #3     | 4.941317 | 8.103735 | -.011207 | .0017958 | 1.472625 | 7.895386 | .5943732 |

Sample Name: P5039-06      Acquired: 12/15/2024 22:46:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6712576 | .1377961 | .1250262 |
| Stddev | .0043299 | .0013221 | .0007488 |
| %RSD   | .6450476 | .9594513 | .5988941 |
| #1     | .6718365 | .1383083 | .1258887 |
| #2     | .6752689 | .1387854 | .1246475 |
| #3     | .6666673 | .1362945 | .1245424 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2771.775 | 33610.74 | 3197.659 | 2331.702 | 3029.773 |
| Stddev    | 6.525    | 107.06   | 13.744   | 9.088    | 4.020    |
| %RSD      | .2354266 | .3185229 | .4298227 | .3897425 | .1326730 |
| #1        | 2778.257 | 33734.35 | 3188.518 | 2340.623 | 3033.405 |
| #2        | 2771.861 | 33548.07 | 3190.994 | 2322.456 | 3030.460 |
| #3        | 2765.207 | 33549.78 | 3213.465 | 2332.026 | 3025.455 |

Sample Name: P5039-07      Acquired: 12/15/2024 22:50:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0598717 | .0336566 | .1800379 | -.036621 | .0068665 | 39.88854 |
| Stddev | .0053408 | .0026025 | .0012400 | .001926  | .0027411 | .14588   |
| %RSD   | 8.920449 | 7.732422 | .6887145 | 5.258888 | 39.91956 | .3657308 |
| #1     | .0590137 | .0309162 | .1806052 | -.037572 | .0077634 | 40.05630 |
| #2     | .0550119 | .0360948 | .1808927 | -.034405 | .0037894 | 39.81795 |
| #3     | .0655896 | .0339586 | .1786158 | -.037887 | .0090469 | 39.79138 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6397719 | .0038439 | .0037349 | F 942.4037 | .0650822 | .1105351 |
| Stddev | .0023697 | .0002076 | .0000544 | 2.8130     | .0004078 | .0005916 |
| %RSD   | .3703939 | 5.399971 | 1.456264 | .2984911   | .6265952 | .5351911 |
| #1     | .6418538 | .0038675 | .0036904 | 945.6478   | .0648188 | .1108249 |
| #2     | .6371932 | .0040387 | .0037187 | 940.9222   | .0655519 | .1109260 |
| #3     | .6402686 | .0036255 | .0037955 | 940.6412   | .0648758 | .1098546 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2674654 | 133.7155 | 7.790749 | 188.3496 | .1216448 | -.010979 |
| Stddev | .0040720 | .4582    | .029984  | .7848    | .0010786 | .001457  |
| %RSD   | 1.522434 | .3426473 | .3848603 | .4166842 | .8866694 | 13.26954 |
| #1     | .2631107 | 134.0231 | 7.825371 | 189.2549 | .1225848 | -.009298 |
| #2     | .2681071 | 133.9346 | 7.773451 | 187.9341 | .1204672 | -.011751 |
| #3     | .2711785 | 133.1890 | 7.773425 | 187.8600 | .1218823 | -.011886 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3780458 | .1069299 | .3686580 | 5.010631 | 7.934814 | .0018785 |
| Stddev | .1479254 | .0171404 | .0022215 | .041599  | .020142  | .0023978 |
| %RSD   | 39.12896 | 16.02961 | .6025960 | .8302115 | .2538441 | 127.6460 |
| #1     | .2094729 | .0925940 | .3660936 | 5.009113 | 7.938548 | .0003083 |
| #2     | .4384722 | .1022803 | .3698847 | 4.969812 | 7.913067 | .0046386 |
| #3     | .4861924 | .1259155 | .3699957 | 5.052968 | 7.952829 | .0006886 |

Sample Name: P5039-07      Acquired: 12/15/2024 22:50:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012472 | 2.026320 | 6.301993 | .0238925 | 1.171323 | .7805190 |
| Stddev | .0002919 | .002510  | .037369  | .0022901 | .004324  | .0025782 |
| %RSD   | 23.40658 | .1238476 | .5929760 | 9.585208 | .3691480 | .3303215 |
| #1     | .0011827 | 2.025765 | 6.338801 | .0223385 | 1.176248 | .7834823 |
| #2     | .0015659 | 2.024134 | 6.303092 | .0265225 | 1.169571 | .7787899 |
| #3     | .0009928 | 2.029060 | 6.264087 | .0228165 | 1.168150 | .7792847 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1455761 |
| Stddev | .0034602 |
| %RSD   | 2.376933 |
| #1     | .1478247 |
| #2     | .1473120 |
| #3     | .1415915 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2503.604 | 30359.49 | 2981.008 | 2102.927 | 2703.189 |
| Stddev    | 7.378    | 87.91    | 23.738   | 4.365    | 3.682    |
| %RSD      | .2946796 | .2895543 | .7963050 | .2075538 | .1362198 |
| #1        | 2512.072 | 30381.00 | 2957.561 | 2104.042 | 2707.040 |
| #2        | 2500.180 | 30262.82 | 2980.435 | 2098.113 | 2702.822 |
| #3        | 2498.561 | 30434.64 | 3005.027 | 2106.626 | 2699.704 |

Sample Name: P5039-08      Acquired: 12/15/2024 22:54:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0621507 | .0346016 | .1778323 | -.034400 | .0088739 | 39.84837 |
| Stddev | .0040906 | .0020627 | .0010383 | .003143  | .0026878 | .14730   |
| %RSD   | 6.581739 | 5.961318 | .5838456 | 9.137805 | 30.28883 | .3696570 |
| #1     | .0609064 | .0337711 | .1767091 | -.036387 | .0117890 | 39.90536 |
| #2     | .0588267 | .0369501 | .1787569 | -.030776 | .0064939 | 39.68109 |
| #3     | .0667190 | .0330836 | .1780309 | -.036037 | .0083389 | 39.95866 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6356219 | .0039790 | .0035182 | F 939.0403 | .0640637 | .1086138 |
| Stddev | .0018149 | .0001313 | .0000510 | 2.7697     | .0005871 | .0008062 |
| %RSD   | .2855361 | 3.298918 | 1.449364 | .2949550   | .9163629 | .7422804 |
| #1     | .6361365 | .0041161 | .0034664 | 941.1117   | .0640110 | .1076933 |
| #2     | .6336052 | .0038545 | .0035683 | 935.8943   | .0635047 | .1089539 |
| #3     | .6371239 | .0039663 | .0035199 | 940.1149   | .0646753 | .1091943 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2718812 | 133.7299 | 7.803371 | 187.3770 | .1195737 | -.009844 |
| Stddev | .0100338 | .5809    | .021996  | .9924    | .0003935 | .000631  |
| %RSD   | 3.690514 | .4343581 | .2818814 | .5296523 | .3290571 | 6.409424 |
| #1     | .2771591 | 133.3778 | 7.785578 | 186.7592 | .1191267 | -.010188 |
| #2     | .2781744 | 133.4117 | 7.796571 | 186.8501 | .1198677 | -.010229 |
| #3     | .2603100 | 134.4004 | 7.827964 | 188.5218 | .1197267 | -.009116 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1879463 | .1068214 | .3559728 | 5.118860 | 7.876117 | .0022329 |
| Stddev | .3547482 | .0104452 | .0073911 | .121720  | .066051  | .0025620 |
| %RSD   | 188.7498 | 9.778143 | 2.076302 | 2.377882 | .8386303 | 114.7414 |
| #1     | .3173114 | .1104278 | .3640327 | 5.145713 | 7.803153 | .0004709 |
| #2     | -.213329 | .0950510 | .3543730 | 4.985955 | 7.893362 | .0051719 |
| #3     | .459857  | .1149855 | .3495125 | 5.224911 | 7.931835 | .0010558 |



Sample Name: P5039-08      Acquired: 12/15/2024 22:54:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005765 | 2.005522 | 6.478513 | .0223572 | 1.177383 | .7788116 |
| Stddev | .0006605 | .012584  | .037619  | .0002922 | .007399  | .0038758 |
| %RSD   | 114.5735 | .6274811 | .5806806 | 1.306728 | .6284662 | .4976581 |
| #1     | .0007627 | 1.991629 | 6.443033 | .0221769 | 1.171878 | .7773418 |
| #2     | -.000157 | 2.008780 | 6.517958 | .0226942 | 1.174476 | .7758857 |
| #3     | .001124  | 2.016157 | 6.474549 | .0222004 | 1.185794 | .7832073 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1513254 |
| Stddev | .0003402 |
| %RSD   | .2247995 |
| #1     | .1511967 |
| #2     | .1517111 |
| #3     | .1510683 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2534.140 | 30639.92 | 3004.333 | 2128.531 | 2742.329 |
| Stddev    | 16.323   | 142.53   | 13.262   | 12.635   | 23.004   |
| %RSD      | .6441151 | .4651878 | .4414137 | .5935838 | .8388325 |
| #1        | 2552.119 | 30634.57 | 3017.049 | 2134.517 | 2765.251 |
| #2        | 2530.051 | 30785.05 | 3005.364 | 2137.059 | 2742.492 |
| #3        | 2520.250 | 30500.13 | 2990.586 | 2114.015 | 2719.244 |

Sample Name: P5039-07LX5      Acquired: 12/15/2024 22:58:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0091444 | .0211622 | .0440733 | -.033279 | -.013562 | 8.606025 | .1398553 |
| Stddev | .0064423 | .0038230 | .0009297 | .003363  | .003351  | .021736  | .0009907 |
| %RSD   | 70.45090 | 18.06523 | 2.109524 | 10.10415 | 24.70694 | .2525619 | .7083458 |
| #1     | .0158771 | .0181273 | .0436793 | -.033693 | -.009881 | 8.583059 | .1393416 |
| #2     | .0030383 | .0199034 | .0434054 | -.036416 | -.016434 | 8.608740 | .1392270 |
| #3     | .0085178 | .0254559 | .0451351 | -.029729 | -.014370 | 8.626275 | .1409973 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008747 | .0006208 | 208.5372 | .0152166 | .0428580 | .0606966 | 30.36925 |
| Stddev | .0001325 | .0001623 | .1394    | .0016036 | .0003935 | .0036984 | .15799   |
| %RSD   | 15.15100 | 26.14343 | .0668301 | 10.53874 | .9181175 | 6.093217 | .5202349 |
| #1     | .0007537 | .0006154 | 208.3855 | .0136811 | .0430688 | .0572475 | 30.35738 |
| #2     | .0010164 | .0007857 | 208.5666 | .0168806 | .0431011 | .0646019 | 30.53284 |
| #3     | .0008542 | .0004612 | 208.6595 | .0150881 | .0424040 | .0602403 | 30.21752 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.770247 | 42.37365 | .0209592 | -.001611 | -.777145 | .0119455 | .0704927 |
| Stddev | .005507  | .08759   | .0005057 | .000546  | .464411  | .0060924 | .0059180 |
| %RSD   | .3111044 | .2067085 | 2.412742 | 33.89758 | 59.75868 | 51.00172 | 8.395159 |
| #1     | 1.764562 | 42.32695 | .0205696 | -.001045 | -1.08903 | .0063664 | .0772853 |
| #2     | 1.775557 | 42.47469 | .0215307 | -.001653 | -.24341  | .0110238 | .0677427 |
| #3     | 1.770623 | 42.31930 | .0207774 | -.002134 | -.99899  | .0184462 | .0664501 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.410732 | 1.435190 | -.003791 | .0004970 | .3743197 | 1.440313 | .0030962 |
| Stddev | .112132  | .003302  | .000308  | .0002498 | .0073921 | .019747  | .0008274 |
| %RSD   | 7.948478 | .2300486 | 8.124824 | 50.25194 | 1.974812 | 1.371044 | 26.72204 |
| #1     | 1.440067 | 1.437752 | -.003533 | .0006988 | .3825549 | 1.436994 | .0039760 |
| #2     | 1.505279 | 1.431464 | -.004132 | .0002177 | .3721463 | 1.461510 | .0023339 |
| #3     | 1.286848 | 1.436353 | -.003708 | .0005746 | .3682579 | 1.422436 | .0029785 |

Sample Name: P5039-07LX5      Acquired: 12/15/2024 22:58:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2579063 | .1714134 | .0382031 |
| Stddev | .0007458 | .0001082 | .0026507 |
| %RSD   | .2891640 | .0631071 | 6.938368 |
| #1     | .2571482 | .1712899 | .0351460 |
| #2     | .2579315 | .1714586 | .0396033 |
| #3     | .2586391 | .1714916 | .0398601 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2443.599 | 28642.00 | 2756.294 | 1989.468 | 3144.267 |
| Stddev    | 4.987    | 1349.87  | 17.201   | 92.157   | 6.133    |
| %RSD      | .2040705 | 4.712899 | .6240639 | 4.632243 | .1950429 |
| #1        | 2443.041 | 29388.31 | 2772.973 | 2041.218 | 3143.853 |
| #2        | 2438.915 | 27083.77 | 2738.615 | 1883.067 | 3138.351 |
| #3        | 2448.842 | 29453.93 | 2757.295 | 2044.118 | 3150.596 |

Sample Name: P5039-09      Acquired: 12/15/2024 23:02:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1410570 | .1279503 | .2145914 | .1236868 | .1629339 | 42.75259 |
| Stddev | .0064024 | .0045129 | .0041858 | .0027428 | .0039344 | .06335   |
| %RSD   | 4.538881 | 3.527038 | 1.950586 | 2.217495 | 2.414752 | .1481849 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1341328 | .1228770 | .2194147 | .1268515 | .1592865 | 42.69211 |
| #2 | .1422758 | .1315175 | .2119106 | .1222098 | .1671033 | 42.81847 |
| #3 | .1467624 | .1294564 | .2124488 | .1219990 | .1624120 | 42.74720 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 4.258617 | .0927160 | .1014725 | F 925.4248 | .4295652 | 1.084316 |
| Stddev | .011428  | .0006994 | .0002661 | 1.1658     | .0029071 | .003151  |
| %RSD   | .2683505 | .7543699 | .2622911 | .1259747   | .6767543 | .2905925 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.258685 | .0934058 | .1017786 | 925.8971 | .4329125 | 1.084009 |
| #2 | 4.270011 | .0927349 | .1012958 | 926.2804 | .4276731 | 1.081329 |
| #3 | 4.247155 | .0920074 | .1013430 | 924.0970 | .4281099 | 1.087609 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6802632 | 133.5361 | 8.548265 | 184.6690 | 1.111094 | .0624179 |
| Stddev | .0016573 | .2294    | .012062  | .5240    | .001543  | .0007750 |
| %RSD   | .2436294 | .1718262 | .1411093 | .2837597 | .1388743 | 1.241638 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6790937 | 133.5808 | 8.551473 | 184.3571 | 1.111340 | .0617689 |
| #2 | .6795360 | 133.7399 | 8.558398 | 185.2740 | 1.109442 | .0632760 |
| #3 | .6821597 | 133.2876 | 8.534922 | 184.3760 | 1.112499 | .0622088 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3674921 | 1.027838 | 1.148047 | 5.161910 | 7.655586 | -.000146 |
| Stddev | .0993249 | .008218  | .018776  | .174136  | .019658  | .001202  |
| %RSD   | 27.02776 | .7995222 | 1.635437 | 3.373483 | .2567845 | 824.4479 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4818353 | 1.018508 | 1.155919 | 5.353859 | 7.667384 | .001116  |
| #2 | .3180435 | 1.034000 | 1.161605 | 5.117801 | 7.632892 | -.000276 |
| #3 | .3025973 | 1.031007 | 1.126616 | 5.014069 | 7.666481 | -.001278 |

Sample Name: P5039-09      Acquired: 12/15/2024 23:02:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008010 | 1.949472 | 6.331632 | .0231915 | 1.154256 | .7624730 |
| Stddev | .0003442 | .004870  | .027144  | .0008797 | .008846  | .0024190 |
| %RSD   | 42.97448 | .2498233 | .4286999 | 3.793231 | .7663393 | .3172610 |
| #1     | .0004313 | 1.949140 | 6.360143 | .0241958 | 1.157481 | .7609999 |
| #2     | .0011123 | 1.944775 | 6.328652 | .0228213 | 1.161037 | .7652648 |
| #3     | .0008593 | 1.954499 | 6.306102 | .0225573 | 1.144251 | .7611542 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1518758 |
| Stddev | .0036860 |
| %RSD   | 2.426998 |
| #1     | .1504660 |
| #2     | .1560587 |
| #3     | .1491028 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2490.873 | 30409.68 | 2966.351 | 2103.244 | 2714.455 |
| Stddev    | 3.681    | 153.71   | 12.439   | 13.727   | 4.224    |
| %RSD      | .1477777 | .5054616 | .4193288 | .6526776 | .1556039 |
| #1        | 2493.207 | 30422.55 | 2959.394 | 2102.630 | 2717.659 |
| #2        | 2492.782 | 30556.54 | 2980.712 | 2117.269 | 2716.038 |
| #3        | 2486.629 | 30249.94 | 2958.948 | 2089.834 | 2709.668 |

Sample Name: P5039-10      Acquired: 12/15/2024 23:05:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKK5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0893559 | .0118093 | 1.025060 | .0066807 | .0280389 | 71.24245 |
| Stddev | .0040268 | .0024841 | .005448  | .0063460 | .0020452 | .29531   |
| %RSD   | 4.506457 | 21.03515 | .5315221 | 94.99031 | 7.294026 | .4145144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0893722 | .0098045 | 1.020042 | .0113516 | .0297903 | 71.29219 |
| #2 | .0853210 | .0110350 | 1.024284 | .0092350 | .0285352 | 70.92543 |
| #3 | .0933745 | .0145883 | 1.030856 | -.000544 | .0257913 | 71.50973 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.177271 | .0062808 | .0071143 | 52.67680 | .1173414 | .0893827 |
| Stddev | .003590  | .0001495 | .0001395 | .32032   | .0004002 | .0003488 |
| %RSD   | .3049751 | 2.379668 | 1.960690 | .6080900 | .3410339 | .3902491 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.177723 | .0061245 | .0069592 | 52.68143 | .1175432 | .0892447 |
| #2 | 1.173476 | .0062954 | .0072295 | 52.35419 | .1168805 | .0891241 |
| #3 | 1.180614 | .0064224 | .0071541 | 52.99478 | .1176005 | .0897795 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2703118 | 153.9175 | 8.175360 | 24.20593 | .1834157 | -.009344 |
| Stddev | .0025016 | .4710    | .037456  | .12491   | .0010801 | .000363  |
| %RSD   | .9254530 | .3060340 | .4581576 | .5160488 | .5888844 | 3.884550 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2729949 | 153.8390 | 8.170180 | 24.15148 | .1821890 | -.009715 |
| #2 | .2698970 | 153.4906 | 8.140763 | 24.11747 | .1838337 | -.009326 |
| #3 | .2680436 | 154.4229 | 8.215136 | 24.34882 | .1842242 | -.008990 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.366210 | .1500673 | 1.369490 | 5.709960 | F 11.83483 | -.015970 |
| Stddev | .450677  | .0102617 | .012800  | .036072  | .04296     | .002172  |
| %RSD   | 123.0652 | 6.838049 | .9346357 | .6317371 | .3629680   | 13.60067 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .153831  | .1516462 | 1.383516 | 5.701509 | 11.80276 | -.016577 |
| #2 | -.609566 | .1391077 | 1.366513 | 5.678864 | 11.81810 | -.013559 |
| #3 | -.642896 | .1594480 | 1.358442 | 5.749508 | 11.88364 | -.017774 |

Sample Name: P5039-10      Acquired: 12/15/2024 23:05:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKK5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037016 | 4.383452 | 7.001212 | .0557464 | .6962654 | -.012952 |
| Stddev | .0002869 | .025052  | .089155  | .0010060 | .0058919 | .000027  |
| %RSD   | 7.749549 | .5715193 | 1.273419 | 1.804664 | .8462107 | .2051418 |
| #1     | .0040223 | 4.360445 | 6.984470 | .0568886 | .6959971 | -.012953 |
| #2     | .0034694 | 4.379770 | 6.921615 | .0549921 | .6905122 | -.012925 |
| #3     | .0036130 | 4.410142 | 7.097551 | .0553583 | .7022868 | -.012978 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1202130 |
| Stddev | .0046971 |
| %RSD   | 3.907315 |
| #1     | .1255404 |
| #2     | .1184309 |
| #3     | .1166678 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2737.926 | 33352.06 | 3061.762 | 2311.061 | 3176.746 |
| Stddev    | 7.490    | 164.43   | 32.064   | 7.586    | 9.785    |
| %RSD      | .2735563 | .4930066 | 1.047249 | .3282468 | .3080042 |
| #1        | 2731.116 | 33163.25 | 3058.104 | 2302.945 | 3177.951 |
| #2        | 2745.948 | 33429.19 | 3095.498 | 2312.263 | 3185.872 |
| #3        | 2736.714 | 33463.74 | 3031.683 | 2317.973 | 3166.415 |

Sample Name: P5039-11      Acquired: 12/15/2024 23:09:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKK6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0886739 | .0148989 | .9365775 | .0078473 | .0230633 | 68.87640 |
| Stddev | .0013367 | .0026470 | .0024759 | .0016206 | .0029347 | .13753   |
| %RSD   | 1.507388 | 17.76628 | .2643587 | 20.65194 | 12.72459 | .1996760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0901708 | .0172512 | .9339586 | .0095263 | .0201581 | 69.03481 |
| #2 | .0882510 | .0120326 | .9388800 | .0062922 | .0260266 | 68.80693 |
| #3 | .0875997 | .0154128 | .9368938 | .0077234 | .0230050 | 68.78747 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.212728 | .0060453 | .0062198 | 54.38606 | .1062872 | .0853696 |
| Stddev | .004314  | .0000992 | .0000760 | .25692   | .0008306 | .0011066 |
| %RSD   | .3556936 | 1.641190 | 1.222173 | .4724026 | .7814689 | 1.296262 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.217610 | .0060380 | .0062960 | 54.49900 | .1054176 | .0860686 |
| #2 | 1.211144 | .0061480 | .0061440 | 54.56716 | .1070724 | .0840937 |
| #3 | 1.209431 | .0059500 | .0062194 | 54.09201 | .1063717 | .0859465 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2809748 | 148.4135 | 7.895692 | 22.96624 | .1636372 | -.009441 |
| Stddev | .0162026 | .7809    | .031331  | .12227   | .0004772 | .000322  |
| %RSD   | 5.766567 | .5261612 | .3968130 | .5323711 | .2915958 | 3.407551 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2789806 | 149.2807 | 7.930067 | 23.10353 | .1638211 | -.009189 |
| #2 | .2980821 | 148.1940 | 7.888271 | 22.92612 | .1630955 | -.009329 |
| #3 | .2658615 | 147.7659 | 7.868737 | 22.86908 | .1639951 | -.009803 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4753124 | .1374317 | 1.323702 | 3.222189 | F 12.60006 | -.018582 |
| Stddev | .4916955 | .0079573 | .011897  | .157434  | .02793     | .001969  |
| %RSD   | 103.4468 | 5.789974 | .8987312 | 4.885938 | .2216725   | 10.59701 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.022195 | .1465659 | 1.318983 | 3.111840 | 12.56898 | -.017728 |
| #2 | .333987  | .1320027 | 1.337234 | 3.402475 | 12.60815 | -.017183 |
| #3 | .069756  | .1337265 | 1.314889 | 3.152253 | 12.62305 | -.020833 |



Sample Name: P5039-11      Acquired: 12/15/2024 23:09:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKK6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040888 | 3.947272 | 6.349739 | .0865761 | .5858764 | .0095877 |
| Stddev | .0002545 | .010274  | .057466  | .0013210 | .0079039 | .0001252 |
| %RSD   | 6.224564 | .2602873 | .9050103 | 1.525776 | 1.349073 | 1.305918 |
| #1     | .0038145 | 3.938839 | 6.414861 | .0854026 | .5948936 | .0096458 |
| #2     | .0041348 | 3.944262 | 6.306148 | .0880067 | .5825877 | .0094440 |
| #3     | .0043172 | 3.958715 | 6.328208 | .0863190 | .5801477 | .0096733 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1145985 |
| Stddev | .0031304 |
| %RSD   | 2.731589 |
| #1     | .1157203 |
| #2     | .1110618 |
| #3     | .1170133 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2762.934 | 33595.88 | 3101.532 | 2325.043 | 3219.015 |
| Stddev    | 8.274    | 169.69   | 23.849   | 11.603   | 5.950    |
| %RSD      | .2994493 | .5050973 | .7689400 | .4990658 | .1848305 |
| #1        | 2754.305 | 33754.01 | 3077.969 | 2329.289 | 3212.642 |
| #2        | 2770.800 | 33416.61 | 3100.970 | 2311.914 | 3219.979 |
| #3        | 2763.698 | 33617.02 | 3125.656 | 2333.925 | 3224.424 |

Sample Name: P5039-12      Acquired: 12/15/2024 23:13:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKK7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0672659 | .0131676 | .5131765 | .0044306 | .0229696 | 67.02803 |
| Stddev | .0039235 | .0021509 | .0010334 | .0055082 | .0010590 | .12463   |
| %RSD   | 5.832781 | 16.33446 | .2013722 | 124.3220 | 4.610402 | .1859307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0689585 | .0123071 | .5140272 | .0088970 | .0240304 | 67.10158 |
| #2 | .0627802 | .0115802 | .5120265 | -.001724 | .0219125 | 67.09838 |
| #3 | .0700589 | .0156154 | .5134759 | .006119  | .0229658 | 66.88414 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.160746 | .0057752 | .0050472 | 55.94896 | .0998708 | .0887586 |
| Stddev | .001076  | .0001628 | .0001261 | .17185   | .0004875 | .0003687 |
| %RSD   | .0927074 | 2.818088 | 2.497404 | .3071560 | .4881314 | .4154286 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.161835 | .0058766 | .0050050 | 56.01252 | .1000997 | .0884342 |
| #2 | 1.160721 | .0055875 | .0049476 | 56.07997 | .1002017 | .0891596 |
| #3 | 1.159683 | .0058615 | .0051889 | 55.75438 | .0993110 | .0886820 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1916384 | 154.0903 | 8.183429 | 25.21533 | .1457203 | -.010709 |
| Stddev | .0006597 | .2533    | .001647  | .08407   | .0007620 | .000780  |
| %RSD   | .3442230 | .1643577 | .0201311 | .3334203 | .5229027 | 7.286311 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1919362 | 154.2658 | 8.185316 | 25.26682 | .1462307 | -.009838 |
| #2 | .1920967 | 154.2051 | 8.182689 | 25.11831 | .1448444 | -.011345 |
| #3 | .1908824 | 153.8000 | 8.182281 | 25.26086 | .1460857 | -.010944 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.110943 | .1409300 | 1.006488 | 2.953465 | F 11.62711 | -.022565 |
| Stddev | .620037  | .0029269 | .002983  | .204958  | .02377     | .002126  |
| %RSD   | 558.8782 | 2.076833 | .2963983 | 6.939588 | .2044024   | 9.419846 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.629506 | .1381981 | 1.003350 | 3.046915 | 11.60621 | -.020378 |
| #2 | -.279172 | .1405729 | 1.006828 | 2.718436 | 11.62216 | -.022694 |
| #3 | .575848  | .1440191 | 1.009287 | 3.095043 | 11.65296 | -.024623 |

Sample Name: P5039-12      Acquired: 12/15/2024 23:13:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKK7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026966 | 2.472481 | 7.111776 | .0296784 | .6581910 | -.017676 |
| Stddev | .0000654 | .013068  | .028727  | .0016644 | .0019721 | .000083  |
| %RSD   | 2.423744 | .5285183 | .4039359 | 5.608060 | .2996237 | .4722049 |
| #1     | .0026223 | 2.462317 | 7.081910 | .0282550 | .6565894 | -.017687 |
| #2     | .0027222 | 2.467904 | 7.114208 | .0315084 | .6603937 | -.017753 |
| #3     | .0027453 | 2.487221 | 7.139210 | .0292718 | .6575899 | -.017587 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1138752 |
| Stddev | .0038269 |
| %RSD   | 3.360613 |
| #1     | .1140904 |
| #2     | .1099452 |
| #3     | .1175900 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2868.762 | 34818.34 | 3236.256 | 2424.480 | 3297.363 |
| Stddev    | 8.845    | 70.03    | 6.111    | 6.412    | 7.452    |
| %RSD      | .3083294 | .2011233 | .1888368 | .2644884 | .2259881 |
| #1        | 2861.431 | 34844.71 | 3236.957 | 2431.121 | 3290.891 |
| #2        | 2878.586 | 34738.96 | 3241.986 | 2418.324 | 3305.510 |
| #3        | 2866.268 | 34871.36 | 3229.824 | 2423.996 | 3295.689 |

Sample Name: P5039-13      Acquired: 12/15/2024 23:17:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0929610 | .0212932 | .9341226 | -.002554 | .0253922 | 78.55219 |
| Stddev | .0038152 | .0015075 | .0048540 | .001516  | .0022824 | .07755   |
| %RSD   | 4.104098 | 7.079871 | .5196267 | 59.34890 | 8.988489 | .0987192 |
| #1     | .0964964 | .0229541 | .9331563 | -.001616 | .0241362 | 78.51731 |
| #2     | .0934695 | .0209141 | .9298244 | -.001743 | .0280267 | 78.64105 |
| #3     | .0889170 | .0200114 | .9393870 | -.004303 | .0240137 | 78.49820 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.667132 | .0068529 | .0067423 | 109.6062 | .1131038 | .1085420 |
| Stddev | .003739  | .0000904 | .0000399 | .0319    | .0004253 | .0007325 |
| %RSD   | .2242884 | 1.318718 | .5911365 | .0290676 | .3760473 | .6748911 |
| #1     | 1.663573 | .0068380 | .0067370 | 109.6376 | .1126600 | .1086035 |
| #2     | 1.671028 | .0069497 | .0067054 | 109.6071 | .1135079 | .1077807 |
| #3     | 1.666795 | .0067708 | .0067846 | 109.5739 | .1131436 | .1092419 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3391131 | 168.6951 | 8.690927 | 33.70013 | .1658527 | -.009635 |
| Stddev | .0048472 | .1380    | .014611  | .08347   | .0001376 | .001388  |
| %RSD   | 1.429365 | .0817838 | .1681154 | .2476948 | .0829626 | 14.40426 |
| #1     | .3388372 | 168.6297 | 8.677288 | 33.62774 | .1658321 | -.009768 |
| #2     | .3440922 | 168.8536 | 8.706346 | 33.79144 | .1657266 | -.010952 |
| #3     | .3344097 | 168.6020 | 8.689148 | 33.68121 | .1659994 | -.008186 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3667574 | .1621428 | 1.097809 | 6.840046 | F 16.31428 | .0090992 |
| Stddev | .1701627 | .0122140 | .010850  | .112664  | .04245     | .0011566 |
| %RSD   | 46.39652 | 7.532846 | .9883515 | 1.647123 | .2601871   | 12.71081 |
| #1     | .5254237 | .1487846 | 1.109621 | 6.950721 | 16.31728   | .0094488 |
| #2     | .1870546 | .1649039 | 1.095521 | 6.843926 | 16.27042   | .0078081 |
| #3     | .3877939 | .1727399 | 1.088285 | 6.725493 | 16.35515   | .0100406 |

Sample Name: P5039-13      Acquired: 12/15/2024 23:17:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049446 | 4.585259 | 9.823009 | .1225640 | .6798491 | .0730641 |
| Stddev | .0003170 | .021438  | .073360  | .0030811 | .0036610 | .0004924 |
| %RSD   | 6.411319 | .4675449 | .7468205 | 2.513842 | .5385039 | .6739695 |
| #1     | .0052999 | 4.574084 | 9.772416 | .1202135 | .6763263 | .0724959 |
| #2     | .0046905 | 4.571716 | 9.907144 | .1214264 | .6795868 | .0733299 |
| #3     | .0048435 | 4.609975 | 9.789466 | .1260522 | .6836342 | .0733664 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1351780 |
| Stddev | .0061493 |
| %RSD   | 4.549065 |
| #1     | .1301699 |
| #2     | .1420414 |
| #3     | .1333228 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2763.611 | 33589.15 | 3148.638 | 2345.442 | 3126.042 |
| Stddev    | 3.559    | 268.73   | 20.672   | 23.847   | 4.629    |
| %RSD      | .1287668 | .8000389 | .6565510 | 1.016747 | .1480797 |
| #1        | 2764.322 | 33484.72 | 3168.155 | 2334.257 | 3126.313 |
| #2        | 2766.761 | 33388.31 | 3126.977 | 2329.244 | 3130.529 |
| #3        | 2759.751 | 33894.41 | 3150.783 | 2372.826 | 3121.283 |

Sample Name: P5039-14      Acquired: 12/15/2024 23:21:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0436625 | .0251278 | .2755023 | -.015784 | .0163941 | 70.44852 |
| Stddev | .0062771 | .0007070 | .0027687 | .006876  | .0014631 | .68678   |
| %RSD   | 14.37629 | 2.813746 | 1.004951 | 43.55979 | 8.924388 | .9748723 |
| #1     | .0497113 | .0253350 | .2768632 | -.008597 | .0147444 | 70.65460 |
| #2     | .0371797 | .0257080 | .2723166 | -.022299 | .0169037 | 71.00867 |
| #3     | .0440964 | .0243403 | .2773271 | -.016456 | .0175342 | 69.68230 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.424159 | .0053015 | .0049996 | 161.2495 | .0987105 | .0979011 |
| Stddev | .015808  | .0001781 | .0000628 | 1.3896   | .0002679 | .0000535 |
| %RSD   | 1.109975 | 3.359821 | 1.256447 | .8617514 | .2714216 | .0546823 |
| #1     | 1.428447 | .0053549 | .0049971 | 161.7276 | .0990155 | .0979209 |
| #2     | 1.437380 | .0054468 | .0049381 | 162.3368 | .0985131 | .0978405 |
| #3     | 1.406649 | .0051028 | .0050636 | 159.6840 | .0986028 | .0979419 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2005830 | 143.7385 | 7.481866 | 38.94837 | .1302555 | -.008923 |
| Stddev | .0021434 | 1.3647   | .077924  | .33195   | .0001275 | .000655  |
| %RSD   | 1.068563 | .9494293 | 1.041499 | .8522712 | .0979030 | 7.343099 |
| #1     | .2012705 | 144.2852 | 7.512560 | 39.08487 | .1303217 | -.009609 |
| #2     | .2022982 | 144.7450 | 7.539769 | 39.19030 | .1301084 | -.008304 |
| #3     | .1981802 | 142.1852 | 7.393270 | 38.56994 | .1303362 | -.008855 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.123286 | .1218907 | .7633730 | 4.790571 | F 13.90354 | .0030546 |
| Stddev | .635360  | .0128945 | .0054170 | .074753  | .07405     | .0007401 |
| %RSD   | 515.3564 | 10.57874 | .7096206 | 1.560422 | .5325777   | 24.22900 |
| #1     | -.852837 | .1297372 | .7571199 | 4.801987 | 13.85732   | .0035352 |
| #2     | .308562  | .1289262 | .7666363 | 4.858960 | 13.86435   | .0034263 |
| #3     | .174418  | .1070088 | .7663628 | 4.710767 | 13.98894   | .0022023 |

Sample Name: P5039-14      Acquired: 12/15/2024 23:21:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036390 | 3.515626 | 9.502164 | .0314586 | .5926381 | .1008210 |
| Stddev | .0000723 | .014057  | .092801  | .0002876 | .0074433 | .0010565 |
| %RSD   | 1.986458 | .3998395 | .9766354 | .9141008 | 1.255967 | 1.047893 |
| #1     | .0035633 | 3.509215 | 9.566738 | .0315280 | .5905860 | .1013397 |
| #2     | .0036465 | 3.505918 | 9.543937 | .0317052 | .6008922 | .1015179 |
| #3     | .0037073 | 3.531746 | 9.395818 | .0311427 | .5864361 | .0996054 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1162827 |
| Stddev | .0066060 |
| %RSD   | 5.680967 |
| #1     | .1161027 |
| #2     | .1097685 |
| #3     | .1229768 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2725.437 | 32884.48 | 3148.097 | 2297.621 | 3106.442 |
| Stddev    | 7.205    | 111.70   | 18.645   | 17.916   | 5.764    |
| %RSD      | .2643684 | .3396888 | .5922563 | .7797703 | .1855453 |
| #1        | 2717.413 | 32984.47 | 3137.064 | 2311.441 | 3102.215 |
| #2        | 2731.355 | 32905.06 | 3137.603 | 2304.043 | 3113.008 |
| #3        | 2727.542 | 32763.92 | 3169.624 | 2277.379 | 3104.105 |

Sample Name: P5039-15      Acquired: 12/15/2024 23:25:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0425865 | .0210263 | .2556516 | -.013018 | .0160599 | 59.07041 |
| Stddev | .0055674 | .0022245 | .0051052 | .001086  | .0009125 | .18405   |
| %RSD   | 13.07320 | 10.57976 | 1.996944 | 8.345444 | 5.681744 | .3115692 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0403522 | .0216649 | .2536978 | -.014086 | .0158208 | 59.27135 |
| #2 | .0489240 | .0185523 | .2518118 | -.011914 | .0170681 | 58.91002 |
| #3 | .0384833 | .0228617 | .2614452 | -.013054 | .0152908 | 59.02985 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.117857 | .0050762 | .0040396 | 196.9052 | .0847932 | .0935446 |
| Stddev | .006062  | .0001098 | .0001166 | .4635    | .0006726 | .0003120 |
| %RSD   | .5422711 | 2.163013 | 2.885642 | .2353938 | .7932628 | .3335521 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.124768 | .0049640 | .0039558 | 197.3316 | .0846190 | .0937078 |
| #2 | 1.113440 | .0050812 | .0039903 | 196.9719 | .0855358 | .0931848 |
| #3 | 1.115363 | .0051835 | .0041727 | 196.4119 | .0842248 | .0937411 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1935461 | 134.6247 | 6.263512 | 50.09168 | .1220534 | -.007708 |
| Stddev | .0015411 | .6450    | .029847  | .23815   | .0006797 | .000115  |
| %RSD   | .7962444 | .4791225 | .4765143 | .4754315 | .5568842 | 1.492664 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1938805 | 135.3585 | 6.294931 | 50.22048 | .1224603 | -.007743 |
| #2 | .1948925 | 134.1471 | 6.235537 | 49.81686 | .1212688 | -.007802 |
| #3 | .1918652 | 134.3685 | 6.260068 | 50.23769 | .1224313 | -.007580 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2004460 | .1233606 | .6056533 | 4.845474 | F 10.56719 | .0002274 |
| Stddev | .6202896 | .0060831 | .0087500 | .139059  | .02572     | .0028987 |
| %RSD   | 309.4547 | 4.931171 | 1.444715 | 2.869866 | .2434216   | 1274.507 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5029605 | .1167031 | .6062644 | 4.753808 | 10.58517 | .0035687 |
| #2 | -.513059 | .1286291 | .6140816 | 5.005479 | 10.53772 | -.001272 |
| #3 | .611437  | .1247495 | .5966137 | 4.777135 | 10.57868 | -.001614 |



Sample Name: P5039-15      Acquired: 12/15/2024 23:25:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026415 | 2.917220 | 8.625371 | .0432079 | .7296582 | .1128160 |
| Stddev | .0001099 | .009525  | .059511  | .0005364 | .0066802 | .0005160 |
| %RSD   | 4.158780 | .3265036 | .6899542 | 1.241492 | .9155262 | .4573885 |
| #1     | .0027681 | 2.923401 | 8.569707 | .0436103 | .7373540 | .1130257 |
| #2     | .0025705 | 2.906251 | 8.688099 | .0425989 | .7253560 | .1122282 |
| #3     | .0025860 | 2.922007 | 8.618307 | .0434145 | .7262646 | .1131942 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1179067 |
| Stddev | .0021536 |
| %RSD   | 1.826499 |
| #1     | .1154203 |
| #2     | .1191846 |
| #3     | .1191152 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2676.080 | 32287.36 | 3084.657 | 2255.273 | 3096.076 |
| Stddev    | 11.644   | 395.72   | 27.097   | 27.762   | 12.614   |
| %RSD      | .4351073 | 1.225631 | .8784559 | 1.230961 | .4074220 |
| #1        | 2687.194 | 32700.56 | 3113.011 | 2283.088 | 3107.465 |
| #2        | 2677.076 | 31911.81 | 3081.940 | 2227.565 | 3098.244 |
| #3        | 2663.970 | 32249.70 | 3059.021 | 2255.166 | 3082.518 |

Sample Name: P5039-16      Acquired: 12/15/2024 23:28:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0574276 | .0335891 | .2099754 | -.034616 | .0132170 | 42.79134 |
| Stddev | .0001526 | .0020177 | .0033128 | .007036  | .0034620 | .32263   |
| %RSD   | .2657648 | 6.006859 | 1.577707 | 20.32661 | 26.19369 | .7539613 |
| #1     | .0574901 | .0312906 | .2071580 | -.036908 | .0152200 | 42.43257 |
| #2     | .0575391 | .0344090 | .2091433 | -.040220 | .0092194 | 42.88378 |
| #3     | .0572537 | .0350679 | .2136249 | -.026719 | .0152117 | 43.05765 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5794273 | .0048687 | .0035569 | F 1026.897 | .0732005 | .1104176 |
| Stddev | .0022763 | .0001441 | .0001080 | 5.185      | .0011786 | .0008668 |
| %RSD   | .3928537 | 2.959708 | 3.036289 | .5048921   | 1.610142 | .7849840 |
| #1     | .5781572 | .0048448 | .0036751 | 1021.588   | .0744448 | .1094350 |
| #2     | .5780695 | .0047381 | .0034634 | 1027.156   | .0721009 | .1110739 |
| #3     | .5820553 | .0050233 | .0035323 | 1031.948   | .0730558 | .1107438 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1735601 | 165.4932 | 6.976703 | 445.6537 | .1226169 | -.012286 |
| Stddev | .0005579 | .9859    | .037332  | 2.0831   | .0005792 | .000252  |
| %RSD   | .3214285 | .5957467 | .5350927 | .4674230 | .4723568 | 2.051399 |
| #1     | .1741581 | 164.3552 | 6.937039 | 443.3752 | .1220952 | -.012265 |
| #2     | .1730537 | 166.0354 | 6.981914 | 446.1253 | .1225153 | -.012045 |
| #3     | .1734686 | 166.0890 | 7.011156 | 447.4605 | .1232402 | -.012548 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6601744 | .1366278 | .5240473 | 4.234251 | 7.457110 | -.003221 |
| Stddev | .5173464 | .0108362 | .0086165 | .057036  | .006261  | .002919  |
| %RSD   | 78.36511 | 7.931185 | 1.644230 | 1.347006 | .0839663 | 90.62289 |
| #1     | .9426236 | .1466268 | .5339341 | 4.213646 | 7.463648 | -.003975 |
| #2     | .0630834 | .1381428 | .5200698 | 4.298726 | 7.456514 | .000001  |
| #3     | .9748162 | .1251138 | .5181379 | 4.190382 | 7.451167 | -.005689 |

Sample Name: P5039-16      Acquired: 12/15/2024 23:28:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011061 | 1.840381 | 6.877056 | .0222666 | .5162835 | .3646661 |
| Stddev | .0003558 | .007658  | .051342  | .0021593 | .0017725 | .0014579 |
| %RSD   | 32.16656 | .4161363 | .7465660 | 9.697228 | .3433186 | .3997936 |
| #1     | .0007795 | 1.848825 | 6.833154 | .0238539 | .5160444 | .3630901 |
| #2     | .0010535 | 1.838436 | 6.864505 | .0231382 | .5181634 | .3659667 |
| #3     | .0014852 | 1.833883 | 6.933510 | .0198078 | .5146427 | .3649414 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1616770 |
| Stddev | .0026553 |
| %RSD   | 1.642376 |
| #1     | .1621837 |
| #2     | .1640425 |
| #3     | .1588048 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2433.831 | 29984.53 | 2990.819 | 2066.197 | 2638.641 |
| Stddev    | 10.386   | 352.15   | 22.889   | 19.380   | 12.176   |
| %RSD      | .4267320 | 1.174430 | .7653086 | .9379652 | .4614567 |
| #1        | 2444.736 | 29889.50 | 3014.095 | 2064.185 | 2652.182 |
| #2        | 2432.702 | 29689.65 | 2990.024 | 2047.901 | 2635.147 |
| #3        | 2424.057 | 30374.44 | 2968.337 | 2086.504 | 2628.594 |

Sample Name: P5039-17      Acquired: 12/15/2024 23:32:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0937953 | .0122472 | 1.465380 | .0042605 | .0214147   | 57.35888 |
| Stddev | .0064335 | .0017439 | .005329  | .0010367 | .0008006   | .20232   |
| %RSD   | 6.859049 | 14.23929 | .3636671 | 24.33372 | 3.738406   | .3527218 |
| #1     | .0982959 | .0123090 | 1.462974 | .0047826 | .0220526   | 57.49418 |
| #2     | .0864266 | .0139594 | 1.461678 | .0049324 | .0205163   | 57.12630 |
| #3     | .0966635 | .0104732 | 1.471488 | .0030665 | .0216752   | 57.45616 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9792372 | .0053038 | .0052769 | 51.26878 | .0959158   | .0781282 |
| Stddev | .0050655 | .0000459 | .0001421 | .15963   | .0008327   | .0010710 |
| %RSD   | .5172871 | .8653253 | 2.692281 | .3113599 | .8681996   | 1.370792 |
| #1     | .9830718 | .0052664 | .0053472 | 51.33856 | .0961779   | .0772845 |
| #2     | .9734949 | .0053550 | .0053702 | 51.08614 | .0965860   | .0777671 |
| #3     | .9811448 | .0052901 | .0051134 | 51.38164 | .0949835   | .0793331 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2275978 | 134.2321 | 5.661597 | 16.70151 | .1462149   | -.009261 |
| Stddev | .0039071 | .8408    | .033425  | .16449   | .0007446   | .000304  |
| %RSD   | 1.716682 | .6263899 | .5903744 | .9848572 | .5092437   | 3.285657 |
| #1     | .2312480 | 134.8758 | 5.682354 | 16.85157 | .1454994   | -.008941 |
| #2     | .2234764 | 133.2808 | 5.623040 | 16.52565 | .1469855   | -.009293 |
| #3     | .2280690 | 134.5397 | 5.679399 | 16.72731 | .1461599   | -.009547 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.162977 | .1404292 | 1.009520 | 2.551563 | F 14.02052 | -.018696 |
| Stddev | .359465  | .0048916 | .006781  | .128536  | .05066     | .004456  |
| %RSD   | 220.5622 | 3.483345 | .6717084 | 5.037553 | .3613080   | 23.83431 |
| #1     | .193356  | .1362352 | 1.006500 | 2.697488 | 13.98159   | -.014012 |
| #2     | -.525493 | .1392495 | 1.004774 | 2.455126 | 14.00216   | -.022882 |
| #3     | -.156793 | .1458027 | 1.017287 | 2.502076 | 14.07779   | -.019194 |

Sample Name: P5039-17      Acquired: 12/15/2024 23:32:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKL9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053847 | 2.978482 | 7.823830 | .0560393 | .7316263 | .0143144 |
| Stddev | .0001124 | .010202  | .017637  | .0016687 | .0031035 | .0000402 |
| %RSD   | 2.088031 | .3425392 | .2254211 | 2.977645 | .4241896 | .2807496 |
| #1     | .0054838 | 2.976668 | 7.816536 | .0566627 | .7350080 | .0143175 |
| #2     | .0052625 | 2.969308 | 7.811011 | .0573065 | .7309624 | .0143530 |
| #3     | .0054078 | 2.989470 | 7.843944 | .0541487 | .7289084 | .0142728 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1083668 |
| Stddev | .0030236 |
| %RSD   | 2.790182 |
| #1     | .1050541 |
| #2     | .1109782 |
| #3     | .1090680 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2752.480 | 33565.42 | 3129.517 | 2327.628 | 3201.217 |
| Stddev    | 6.272    | 166.26   | 13.719   | 15.422   | 11.871   |
| %RSD      | .2278563 | .4953402 | .4383701 | .6625537 | .3708193 |
| #1        | 2758.556 | 33728.98 | 3145.357 | 2344.593 | 3212.537 |
| #2        | 2752.854 | 33396.58 | 3121.434 | 2314.457 | 3202.253 |
| #3        | 2746.029 | 33570.70 | 3121.760 | 2323.833 | 3188.863 |

Sample Name: CCV033      Acquired: 12/15/2024 23:36:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.897363 | 4.847410 | 24.28753 | 4.679079 | 4.798218 | 384.6534 | 10.07650 |
| Stddev | .007444  | .010541  | .03351   | .024980  | .003119  | 1.2571   | .03002   |
| %RSD   | .1520066 | .2174645 | .1379867 | .5338636 | .0649980 | .3268073 | .2979380 |
| #1     | 4.902110 | 4.858650 | 24.31670 | 4.704672 | 4.800005 | 384.5884 | 10.06989 |
| #2     | 4.901195 | 4.845835 | 24.25092 | 4.677804 | 4.794617 | 385.9417 | 10.10927 |
| #3     | 4.888783 | 4.837745 | 24.29496 | 4.654761 | 4.800032 | 383.4301 | 10.05033 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4954488 | 2.432232 | 395.6178 | 14.93170 | 2.445840 | 15.12667 | 390.6694 |
| Stddev | .0031916 | .003190  | 1.4578   | .10872   | .003434  | .07783   | 1.9920   |
| %RSD   | .6441765 | .1311572 | .3684816 | .7281352 | .1404095 | .5145426 | .5098850 |
| #1     | .4962138 | 2.435878 | 395.0575 | 15.01306 | 2.449578 | 15.12084 | 389.9611 |
| #2     | .4981884 | 2.429955 | 397.2727 | 14.97383 | 2.442824 | 15.20725 | 392.9187 |
| #3     | .4919443 | 2.430864 | 394.5234 | 14.80822 | 2.445117 | 15.05191 | 389.1284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.75774 | 389.3723 | 2.455686 | 1.223452 | 391.2151 | 2.464551 | 13.68428 |
| Stddev | .09334   | 1.5337   | .004648  | .008782  | 1.0226   | .015497  | .08971   |
| %RSD   | .6324668 | .3938897 | .1892706 | .7178153 | .2613792 | .6288152 | .6555831 |
| #1     | 14.72527 | 388.6375 | 2.460811 | 1.230981 | 391.8318 | 2.449120 | 13.67507 |
| #2     | 14.86297 | 391.1352 | 2.451744 | 1.225570 | 391.7787 | 2.464418 | 13.77825 |
| #3     | 14.68497 | 388.3443 | 2.454503 | 1.213805 | 390.0347 | 2.480114 | 13.59953 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.9163 | 4.900638 | 4.857105 | 4.734705 | 4.916885 | 4.991906 | 4.932097 |
| Stddev | .1119    | .012070  | .022839  | .010431  | .003522  | .037078  | .011435  |
| %RSD   | .0741688 | .2462901 | .4702159 | .2203150 | .0716308 | .7427576 | .2318388 |
| #1     | 150.9148 | 4.909368 | 4.862912 | 4.746023 | 4.914760 | 4.989881 | 4.941687 |
| #2     | 151.0289 | 4.886864 | 4.876481 | 4.725477 | 4.914944 | 5.029955 | 4.919442 |
| #3     | 150.8050 | 4.905681 | 4.831924 | 4.732616 | 4.920950 | 4.955882 | 4.935161 |

Sample Name: CCV033      Acquired: 12/15/2024 23:36:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.976101 | 4.752450 | 5.267520 |
| Stddev | .020984  | .020087  | .044643  |
| %RSD   | .4217013 | .4226575 | .8475081 |
| #1     | 4.969184 | 4.743035 | 5.243462 |
| #2     | 4.999670 | 4.775515 | 5.319031 |
| #3     | 4.959448 | 4.738800 | 5.240066 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1932.472 | 25500.79 | 2501.906 | 1677.727 | 2553.549 |
| Stddev    | 6.615    | 215.45   | 19.845   | 17.224   | 6.494    |
| %RSD      | .3422897 | .8448890 | .7932133 | 1.026613 | .2543219 |
| #1        | 1925.485 | 25385.75 | 2502.064 | 1675.390 | 2546.872 |
| #2        | 1938.638 | 25367.26 | 2481.982 | 1661.791 | 2559.843 |
| #3        | 1933.292 | 25749.34 | 2521.672 | 1696.000 | 2553.931 |

Sample Name: CCB033      Acquired: 12/15/2024 23:40:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002590 | .0020203 | .0002030 | .0002320 | -.000027 | -.012978 |
| Stddev | .005044  | .0008797 | .0006604 | .0052863 | .001457  | .027986  |
| %RSD   | 194.7663 | 43.54296 | 325.3658 | 2278.462 | 5339.763 | 215.6418 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001373 | .0028274 | .0003631 | .0055693 | -.001096 | -.020894 |
| #2 | .001734  | .0010826 | -.000523 | .0001285 | -.000618 | .018113  |
| #3 | -.008130 | .0021508 | .000769  | -.005002 | .001632  | -.036154 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016868 | -.000032 | .0000642 | -.060042 | -.000583 | .0000360 |
| Stddev | .0008243 | .000083  | .0000478 | .022378  | .000664  | .0005095 |
| %RSD   | 48.87108 | 255.6725 | 74.36920 | 37.26966 | 113.9101 | 1416.385 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0025032 | .000027  | .0001114 | -.054945 | -.000155 | .0005775 |
| #2 | .0017024 | .000003  | .0000158 | -.084529 | -.001347 | -.000036 |
| #3 | .0008547 | -.000127 | .0000655 | -.040653 | -.000246 | -.000434 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004822 | -.013858 | .0008328 | .0381419 | .0003579 | -.000253 |
| Stddev | .0034456 | .042804  | .0002898 | .0145348 | .0000780 | .000358  |
| %RSD   | 714.6059 | 308.8766 | 34.79970 | 38.10726 | 21.79226 | 141.3085 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044535 | -.061135 | .0011658 | .0455911 | .0004399 | -.000119 |
| #2 | -.001713 | .022262  | .0006381 | .0213926 | .0002847 | .000018  |
| #3 | -.001294 | -.002700 | .0006943 | .0474419 | .0003492 | -.000659 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.836525 | -.013057 | -.017217 | .8255356 | .0008956 | .0096406 |
| Stddev | .151144  | .004335  | .004283  | .1522722 | .0020696 | .0009385 |
| %RSD   | 18.06806 | 33.19786 | 24.87401 | 18.44526 | 231.0890 | 9.735174 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.792880 | -.015177 | -.018251 | .6593859 | -.001164 | .0089277 |
| #2 | -.712006 | -.008070 | -.020888 | .8587856 | .002975  | .0092901 |
| #3 | -1.00469 | -.015923 | -.012512 | .9584354 | .000875  | .0107039 |



Sample Name: CCB033      Acquired: 12/15/2024 23:40:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB033      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000811 | -.005642 | .0010783 | -.000646 | .0024332 | .0002821 |
| Stddev | .0001046 | .001467  | .0005026 | .000665  | .0042079 | .0002385 |
| %RSD   | 128.9051 | 25.99898 | 46.61317 | 102.9272 | 172.9401 | 84.54184 |
| #1     | .0001971 | -.006383 | .0016578 | -.000404 | .0057594 | .0004367 |
| #2     | -.000006 | -.006590 | .0008166 | -.000136 | -.002297 | .0000074 |
| #3     | .000052  | -.003952 | .0007606 | -.001397 | .003837  | .0004022 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0155746 |
| Stddev | .0068930   |
| %RSD   | 44.25795   |
| #1     | .0216300   |
| #2     | .0170203   |
| #3     | .0080734   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2348.182 | 28473.86 | 2607.522 | 1969.238 | 3261.300 |
| Stddev    | 9.719    | 65.39    | 2.558    | 4.777    | 7.103    |
| %RSD      | .4139107 | .2296648 | .0980885 | .2425566 | .2178055 |
| #1        | 2343.008 | 28549.35 | 2606.905 | 1974.635 | 3255.296 |
| #2        | 2359.394 | 28434.30 | 2605.329 | 1967.521 | 3269.142 |
| #3        | 2342.143 | 28437.95 | 2610.332 | 1965.557 | 3259.463 |

Sample Name: P5039-18      Acquired: 12/15/2024 23:44:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1007970 | .0086632 | 1.438009 | .0046396 | .0245647 | 60.85424 | 1.003159 |
| Stddev | .0014721 | .0030568 | .006240  | .0032796 | .0010825 | .14722   | .002656  |
| %RSD   | 1.460453 | 35.28524 | .4339181 | 70.68777 | 4.406611 | .2419247 | .2647842 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1015879 | .0101795 | 1.435152 | .0017515 | .0234788 | 60.99764 | 1.005790 |
| #2 | .0990985 | .0106655 | 1.433709 | .0082050 | .0245714 | 60.86159 | 1.003209 |
| #3 | .1017046 | .0051447 | 1.445166 | .0039622 | .0256437 | 60.70348 | 1.000478 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056405 | .0049887 | 40.47417 | .0919895 | .0756792 | .2562555 | 144.8678 |
| Stddev | .0001917 | .0001523 | .14093   | .0014568 | .0009496 | .0046364 | .6783    |
| %RSD   | 3.397782 | 3.052182 | .3482030 | 1.583690 | 1.254753 | 1.809301 | .4682515 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058615 | .0051262 | 40.63536 | .0927451 | .0755442 | .2558956 | 145.6377 |
| #2 | .0055199 | .0048251 | 40.37419 | .0903101 | .0748043 | .2610614 | 144.6074 |
| #3 | .0055400 | .0050148 | 40.41298 | .0929132 | .0766890 | .2518096 | 144.3582 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.050457 | 18.79396 | .1344662 | -.010045 | -.354308 | .1496460 | .9174877 |
| Stddev | .028617  | .11806   | .0001406 | .000558  | .903847  | .0129177 | .0202999 |
| %RSD   | .4729769 | .6281989 | .1045555 | 5.558570 | 255.1024 | 8.632188 | 2.212549 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.083488 | 18.90416 | .1343073 | -.010687 | .017900  | .1446811 | .9150801 |
| #2 | 6.033123 | 18.80836 | .1345746 | -.009769 | -1.38483 | .1643096 | .8984990 |
| #3 | 6.034760 | 18.66936 | .1345167 | -.009678 | .30400   | .1399473 | .9388840 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.622884 | 7.141282 | -.012223 | .0036857 | 2.073512 | 7.768535 | .0625694 |
| Stddev | .081526  | .016439  | .001817  | .0001487 | .002413  | .050511  | .0008351 |
| %RSD   | 3.108267 | .2301966 | 14.86679 | 4.035581 | .1163743 | .6502039 | 1.334613 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.530806 | 7.130488 | -.014135 | .0038567 | 2.071270 | 7.826857 | .0635010 |
| #2 | 2.651960 | 7.133156 | -.010518 | .0035858 | 2.073200 | 7.738847 | .0623191 |
| #3 | 2.685886 | 7.160201 | -.012016 | .0036148 | 2.076065 | 7.739901 | .0618882 |

Sample Name: P5039-18      Acquired: 12/15/2024 23:44:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6937562 | -.037024 | .1070783 |
| Stddev | .0050421 | .000219  | .0015417 |
| %RSD   | .7267792 | .5906687 | 1.439791 |
| #1     | .6977401 | -.037263 | .1068711 |
| #2     | .6880874 | -.036834 | .1087131 |
| #3     | .6954411 | -.036975 | .1056506 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2678.631 | 32644.47 | 3018.620 | 2271.022 | 3237.721 |
| Stddev    | 6.107    | 340.14   | 15.864   | 30.613   | 6.276    |
| %RSD      | .2279758 | 1.041962 | .5255233 | 1.347964 | .1938517 |
| #1        | 2683.514 | 32540.68 | 3003.705 | 2262.882 | 3244.111 |
| #2        | 2680.594 | 33024.42 | 3016.870 | 2304.882 | 3237.487 |
| #3        | 2671.784 | 32368.31 | 3035.286 | 2245.303 | 3231.565 |

Sample Name: P5039-19      Acquired: 12/15/2024 23:48:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0748053 | .0078947 | .7876163 | .0001085 | .0227998 | 62.34995 | .8716726 |
| Stddev | .0011969 | .0013655 | .0075541 | .0020884 | .0010726 | .04932   | .0015956 |
| %RSD   | 1.599947 | 17.29619 | .9591140 | 1925.095 | 4.704281 | .0791052 | .1830518 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0757809 | .0080530 | .7845320 | -.002008 | .0229114 | 62.31798 | .8717001 |
| #2 | .0734698 | .0064570 | .7820922 | .002168  | .0216758 | 62.40675 | .8732543 |
| #3 | .0751652 | .0091741 | .7962245 | .000166  | .0238122 | 62.32511 | .8700634 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053731 | .0037658 | 55.10500 | .0823153 | .0755440 | .1878937 | 144.2875 |
| Stddev | .0000163 | .0001220 | .20364   | .0009896 | .0001589 | .0051948 | .2606    |
| %RSD   | .3041375 | 3.239399 | .3695431 | 1.202145 | .2103475 | 2.764775 | .1806214 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053590 | .0036268 | 55.01578 | .0815533 | .0755437 | .1854879 | 144.2457 |
| #2 | .0053694 | .0038154 | 55.33802 | .0819588 | .0753852 | .1938554 | 144.5664 |
| #3 | .0053910 | .0038551 | 54.96121 | .0834337 | .0757030 | .1843380 | 144.0502 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.585227 | 22.42640 | .1059142 | -.010089 | -.230305 | .1382741 | .5538112 |
| Stddev | .006693  | .05286   | .0007906 | .000563  | .636887  | .0130916 | .0055573 |
| %RSD   | .1198394 | .2356878 | .7464345 | 5.579917 | 276.5401 | 9.467863 | 1.003469 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.592735 | 22.37309 | .1050164 | -.010384 | .409961  | .1474122 | .5581447 |
| #2 | 5.579886 | 22.42731 | .1062195 | -.009440 | -.237120 | .1441338 | .5475458 |
| #3 | 5.583059 | 22.47879 | .1065065 | -.010444 | -.863758 | .1232761 | .5557432 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.658994 | 6.184895 | -.021157 | .0030478 | 1.451721 | 7.362189 | .0540904 |
| Stddev | .063146  | .062718  | .001670  | .0003448 | .011433  | .055857  | .0009690 |
| %RSD   | 3.806305 | 1.014052 | 7.891625 | 11.31117 | .7875270 | .7587026 | 1.791447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.674271 | 6.134436 | -.022487 | .0027295 | 1.440934 | 7.328728 | .0532313 |
| #2 | 1.713099 | 6.165136 | -.019284 | .0030001 | 1.450523 | 7.331168 | .0551408 |
| #3 | 1.589610 | 6.255113 | -.021702 | .0034140 | 1.463705 | 7.426672 | .0538990 |

Sample Name: P5039-19      Acquired: 12/15/2024 23:48:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6711656 | -.027228 | .1022917 |
| Stddev | .0056101 | .000187  | .0031027 |
| %RSD   | .8358756 | .6851278 | 3.033139 |
| #1     | .6706475 | -.027436 | .0987176 |
| #2     | .6770168 | -.027174 | .1038651 |
| #3     | .6658325 | -.027075 | .1042924 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2627.981 | 31876.68 | 2982.631 | 2224.125 | 3219.282 |
| Stddev    | 8.125    | 194.21   | 20.510   | 6.967    | 13.253   |
| %RSD      | .3091739 | .6092397 | .6876637 | .3132256 | .4116819 |
| #1        | 2629.482 | 31653.89 | 2979.243 | 2217.386 | 3224.877 |
| #2        | 2635.251 | 32010.19 | 3004.624 | 2231.299 | 3228.821 |
| #3        | 2619.210 | 31965.96 | 2964.025 | 2223.691 | 3204.149 |

Sample Name: P5039-20      Acquired: 12/15/2024 23:51:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1406541 | .0222313 | .2431763 | .0012893 | .0335590 | 62.19006 |
| Stddev | .0028981 | .0026534 | .0016560 | .0011225 | .0016743 | .15396   |
| %RSD   | 2.060407 | 11.93522 | .6809664 | 87.06413 | 4.989006 | .2475574 |
| #1     | .1418534 | .0200096 | .2434588 | .0019893 | .0318198 | 62.16442 |
| #2     | .1427601 | .0251692 | .2413973 | -.000005 | .0351597 | 62.35523 |
| #3     | .1373490 | .0215150 | .2446728 | .001884  | .0336973 | 62.05054 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8572186 | .0062692 | .0053952 | 68.68969 | .1000087 | .1094665 |
| Stddev | .0006879 | .0000996 | .0001876 | .19253   | .0005397 | .0009424 |
| %RSD   | .0802474 | 1.588775 | 3.477821 | .2802864 | .5396785 | .8609493 |
| #1     | .8572004 | .0061957 | .0054853 | 68.80109 | .0993911 | .1098574 |
| #2     | .8565400 | .0063826 | .0051795 | 68.80060 | .1003901 | .1083915 |
| #3     | .8579155 | .0062294 | .0055208 | 68.46738 | .1002448 | .1101506 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2463360 | 214.4611 | 14.40055 | 32.53853 | .2096614 | -.015611 |
| Stddev | .0016041 | .4160    | .02322   | .12882   | .0007607 | .000439  |
| %RSD   | .6511899 | .1939857 | .1612254 | .3959030 | .3628352 | 2.812962 |
| #1     | .2445277 | 214.3972 | 14.41311 | 32.47583 | .2089168 | -.015572 |
| #2     | .2468926 | 214.9054 | 14.41478 | 32.68670 | .2096300 | -.016068 |
| #3     | .2475876 | 214.0807 | 14.37376 | 32.45306 | .2104373 | -.015193 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2221453 | .2039864 | .4649738 | 3.586735 | F 11.65785 | -.040358 |
| Stddev | .2679773 | .0068047 | .0094764 | .067175  | .01176     | .001325  |
| %RSD   | 120.6315 | 3.335861 | 2.038041 | 1.872872 | .1009167   | 3.282992 |
| #1     | .0990628 | .2059693 | .4575527 | 3.605721 | 11.65645   | -.041814 |
| #2     | .5295521 | .1964105 | .4756483 | 3.512110 | 11.64685   | -.039224 |
| #3     | .0378211 | .2095795 | .4617204 | 3.642373 | 11.67025   | -.040035 |

Sample Name: P5039-20      Acquired: 12/15/2024 23:51:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029410 | .8663334 | 8.246889 | .0213998 | .7159543 | -.063289 |
| Stddev | .0002217 | .0045330 | .052112  | .0007703 | .0052716 | .000306  |
| %RSD   | 7.537161 | .5232343 | .6319010 | 3.599738 | .7363009 | .4835122 |
| #1     | .0030570 | .8650445 | 8.248396 | .0208410 | .7169560 | -.063291 |
| #2     | .0026854 | .8713712 | 8.298232 | .0210799 | .7206532 | -.063594 |
| #3     | .0030806 | .8625844 | 8.194040 | .0222786 | .7102538 | -.062982 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1265606 |
| Stddev | .0034472 |
| %RSD   | 2.723768 |
| #1     | .1227501 |
| #2     | .1274693 |
| #3     | .1294625 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2974.277 | 36128.10 | 3421.932 | 2514.703 | 3155.011 |
| Stddev    | 3.838    | 114.87   | 30.529   | 7.291    | 4.589    |
| %RSD      | .1290530 | .3179629 | .8921547 | .2899386 | .1454666 |
| #1        | 2970.918 | 36167.45 | 3428.094 | 2518.936 | 3151.702 |
| #2        | 2978.461 | 35998.72 | 3388.792 | 2506.284 | 3160.251 |
| #3        | 2973.452 | 36218.12 | 3448.910 | 2518.889 | 3153.082 |

Sample Name: P5039-21      Acquired: 12/15/2024 23:55:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1088633 | .0078955 | .2501499 | .0121315 | .0353586 | 73.81577 | .8810170 |
| Stddev | .0031809 | .0029329 | .0040144 | .0044016 | .0029719 | 1.39968  | .0174567 |
| %RSD   | 2.921881 | 37.14635 | 1.604782 | 36.28251 | 8.405021 | 1.896181 | 1.981425 |
| #1     | .1065081 | .0056837 | .2467409 | .0070772 | .0338377 | 72.22801 | .8611281 |
| #2     | .1124818 | .0067804 | .2491343 | .0151219 | .0387832 | 74.87112 | .8938005 |
| #3     | .1076001 | .0112224 | .2545746 | .0141954 | .0334551 | 74.34820 | .8881223 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071539 | .0051316 | 30.35915 | .1063373 | .0983336 | .2091470 | 204.6741 |
| Stddev | .0001820 | .0001540 | .68828   | .0004639 | .0004322 | .0086016 | 3.9114   |
| %RSD   | 2.544259 | 3.001840 | 2.267114 | .4363003 | .4395577 | 4.112724 | 1.911054 |
| #1     | .0071065 | .0052933 | 29.58809 | .1059981 | .0986257 | .2037960 | 200.2435 |
| #2     | .0073549 | .0049866 | 30.91147 | .1061478 | .0978371 | .2190691 | 207.6487 |
| #3     | .0070003 | .0051147 | 30.57790 | .1068660 | .0985380 | .2045759 | 206.1302 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.78605 | 21.43316 | .1982722 | -.014459 | .2169258 | .1864809 | .3951865 |
| Stddev | .19726   | .40405   | .0019225 | .000452  | .3540671 | .0008351 | .0076495 |
| %RSD   | 1.828849 | 1.885155 | .9696095 | 3.126515 | 163.2204 | .4478221 | 1.935664 |
| #1     | 10.56089 | 20.97286 | .1965670 | -.014963 | .5659073 | .1872330 | .3892841 |
| #2     | 10.92846 | 21.72925 | .1978940 | -.014089 | .2268867 | .1866273 | .3924470 |
| #3     | 10.86880 | 21.59738 | .2003557 | -.014325 | -.142017 | .1855822 | .4038286 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.553380 | 4.140293 | -.048894 | .0050226 | .5778609 | 8.606340 | .0233035 |
| Stddev | .151716  | .024575  | .002809  | .0005251 | .0020866 | .016885  | .0015213 |
| %RSD   | 4.269614 | .5935659 | 5.746048 | 10.45385 | .3610965 | .1961930 | 6.528119 |
| #1     | 3.382124 | 4.115273 | -.052069 | .0055371 | .5761122 | 8.590864 | .0227323 |
| #2     | 3.670966 | 4.141209 | -.047885 | .0050431 | .5772998 | 8.624348 | .0221506 |
| #3     | 3.607050 | 4.164398 | -.046729 | .0044876 | .5801707 | 8.603808 | .0250277 |



Sample Name: P5039-21      Acquired: 12/15/2024 23:55:46      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKM4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9720330 | -.121350 | .1389831 |
| Stddev | .0233959 | .002553  | .0044667 |
| %RSD   | 2.406907 | 2.103946 | 3.213811 |
| #1     | .9465113 | -.118444 | .1353948 |
| #2     | .9924654 | -.123232 | .1439857 |
| #3     | .9771222 | -.122373 | .1375688 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2956.028 | 35746.99 | 3387.526 | 2490.809 | 3184.155 |
| Stddev    | 13.114   | 26.20    | 14.222   | 1.634    | 16.097   |
| %RSD      | .4436373 | .0733033 | .4198207 | .0656082 | .5055492 |
| #1        | 2969.031 | 35745.68 | 3402.954 | 2491.329 | 3199.824 |
| #2        | 2956.245 | 35773.82 | 3374.940 | 2488.979 | 3184.982 |
| #3        | 2942.806 | 35721.46 | 3384.684 | 2492.121 | 3167.660 |

Sample Name: P5034-01      Acquired: 12/15/2024 23:59:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1586510 | .0236727 | 1.290022 | .0016955 | .0260722 | 73.06554 | 1.375854 |
| Stddev | .0050145 | .0017823 | .002697  | .0053075 | .0020535 | .20637   | .006462  |
| %RSD   | 3.160693 | 7.529028 | .2090963 | 313.0395 | 7.876330 | .2824480 | .4696365 |
| #1     | .1605190 | .0224007 | 1.291244 | .0077146 | .0275316 | 73.22359 | 1.377420 |
| #2     | .1624633 | .0229076 | 1.286930 | -.002312 | .0269610 | 72.83206 | 1.368753 |
| #3     | .1529706 | .0257098 | 1.291892 | -.000316 | .0237240 | 73.14096 | 1.381389 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072253 | .0093444 | 83.14545 | .1133599 | .1197780 | .3023067 | 179.7720 |
| Stddev | .0001876 | .0000398 | .28882   | .0003310 | .0005094 | .0020711 | .8774    |
| %RSD   | 2.596739 | .4263702 | .3473730 | .2919763 | .4252568 | .6850950 | .4880852 |
| #1     | .0074414 | .0093439 | 83.33647 | .1136127 | .1196595 | .3042341 | 180.1470 |
| #2     | .0071042 | .0093049 | 82.81318 | .1129853 | .1193383 | .3001170 | 178.7694 |
| #3     | .0071303 | .0093845 | 83.28669 | .1134816 | .1203361 | .3025691 | 180.3997 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.77110 | 33.41522 | .1909983 | -.010120 | -.285830 | .1593477 | .9300372 |
| Stddev | .06507   | .14614   | .0008824 | .000877  | .606918  | .0031229 | .0061626 |
| %RSD   | .4405546 | .4373522 | .4619876 | 8.661233 | 212.3355 | 1.959825 | .6626145 |
| #1     | 14.81174 | 33.56115 | .1919520 | -.010433 | -.303248 | .1609668 | .9267703 |
| #2     | 14.69604 | 33.26887 | .1902109 | -.010797 | -.883852 | .1557477 | .9261959 |
| #3     | 14.80551 | 33.41563 | .1908321 | -.009130 | .329610  | .1613287 | .9371454 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.637250 | 7.472421 | -.019228 | .0064461 | 2.768953 | 8.331872 | .0996679 |
| Stddev | .249409  | .016176  | .000983  | .0001142 | .001462  | .069705  | .0015603 |
| %RSD   | 3.757714 | .2164756 | 5.110244 | 1.771342 | .0528103 | .8366096 | 1.565527 |
| #1     | 6.409087 | 7.488710 | -.018656 | .0063429 | 2.768470 | 8.409972 | .0994451 |
| #2     | 6.599143 | 7.456360 | -.020363 | .0065688 | 2.767794 | 8.309677 | .0982310 |
| #3     | 6.903519 | 7.472192 | -.018666 | .0064267 | 2.770596 | 8.275967 | .1013277 |

Sample Name: P5034-01      Acquired: 12/15/2024 23:59:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5074309 | -.018037 | .1202880 |
| Stddev | .0081487 | .000540  | .0042925 |
| %RSD   | 1.605870 | 2.991885 | 3.568545 |
| #1     | .5140578 | -.018428 | .1244361 |
| #2     | .4983326 | -.017421 | .1205635 |
| #3     | .5099024 | -.018262 | .1158643 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2797.276 | 33866.07 | 3179.481 | 2370.398 | 3192.667 |
| Stddev    | 6.609    | 179.45   | 17.094   | 12.588   | 8.835    |
| %RSD      | .2362678 | .5298803 | .5376391 | .5310541 | .2767215 |
| #1        | 2797.287 | 33963.11 | 3160.462 | 2378.862 | 3188.807 |
| #2        | 2803.880 | 33976.10 | 3193.563 | 2376.400 | 3202.775 |
| #3        | 2790.662 | 33658.99 | 3184.418 | 2355.932 | 3186.419 |

Sample Name: P5034-02      Acquired: 12/16/2024 0:03:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1305265 | .0294753 | .7182744 | .0051212 | .0305052 | 74.30214 | 1.329653 |
| Stddev | .0016836 | .0005243 | .0013182 | .0035863 | .0010308 | .09731   | .001676  |
| %RSD   | 1.289822 | 1.778868 | .1835242 | 70.02903 | 3.379194 | .1309631 | .1260428 |
| #1     | .1287238 | .0300727 | .7178510 | .0069060 | .0310076 | 74.37477 | 1.331571 |
| #2     | .1320581 | .0290917 | .7172199 | .0009927 | .0293195 | 74.19158 | 1.328472 |
| #3     | .1307976 | .0292615 | .7197523 | .0074649 | .0311885 | 74.34007 | 1.328915 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070294 | .0080353 | 100.9100 | .1144042 | .1274089 | .2402889 | 196.9467 |
| Stddev | .0000557 | .0001614 | .1878    | .0005226 | .0013069 | .0024282 | .6219    |
| %RSD   | .7918246 | 2.008272 | .1860920 | .4567795 | 1.025774 | 1.010539 | .3157641 |
| #1     | .0070800 | .0078974 | 100.7193 | .1140854 | .1259279 | .2411840 | 197.6292 |
| #2     | .0069698 | .0079956 | 100.9159 | .1150073 | .1284007 | .2375402 | 196.7987 |
| #3     | .0070384 | .0082127 | 101.0947 | .1141200 | .1278981 | .2421425 | 196.4122 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.30168 | 32.28291 | .1776850 | -.011388 | .1746829 | .1467753 | .6375549 |
| Stddev | .04967   | .21928   | .0002952 | .000300  | .6245196 | .0102451 | .0119494 |
| %RSD   | .3046991 | .6792565 | .1661166 | 2.634878 | 357.5161 | 6.980146 | 1.874252 |
| #1     | 16.35561 | 32.47737 | .1773672 | -.011121 | .7829549 | .1353581 | .6254756 |
| #2     | 16.25780 | 32.04524 | .1779505 | -.011713 | -.464906 | .1498010 | .6493699 |
| #3     | 16.29164 | 32.32612 | .1777374 | -.011331 | .206000  | .1551669 | .6378193 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.875910 | 6.528455 | -.024246 | .0063146 | 2.249074 | 8.522788 | .0862467 |
| Stddev | .062984  | .020488  | .002350  | .0003990 | .010407  | .084539  | .0014888 |
| %RSD   | 1.071903 | .3138302 | 9.691110 | 6.318833 | .4627055 | .9919159 | 1.726187 |
| #1     | 5.849838 | 6.526860 | -.026659 | .0059067 | 2.255259 | 8.599828 | .0876844 |
| #2     | 5.830149 | 6.508811 | -.024116 | .0063331 | 2.237059 | 8.536186 | .0863441 |
| #3     | 5.947744 | 6.549694 | -.021965 | .0067040 | 2.254904 | 8.432351 | .0847116 |

Sample Name: P5034-02      Acquired: 12/16/2024 0:03:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4421759 | -.037708 | .1119815 |
| Stddev | .0037139 | .000736  | .0050675 |
| %RSD   | .8399088 | 1.952953 | 4.525327 |
| #1     | .4430058 | -.038228 | .1062455 |
| #2     | .4381173 | -.038030 | .1138476 |
| #3     | .4454047 | -.036865 | .1158513 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2800.434 | 33929.86 | 3182.157 | 2364.366 | 3162.439 |
| Stddev    | 16.408   | 76.54    | 18.403   | 7.598    | 20.223   |
| %RSD      | .5858942 | .2255712 | .5783041 | .3213436 | .6394593 |
| #1        | 2819.358 | 33985.64 | 3169.769 | 2371.113 | 3185.431 |
| #2        | 2790.189 | 33842.60 | 3173.398 | 2356.136 | 3147.412 |
| #3        | 2791.755 | 33961.34 | 3203.302 | 2365.849 | 3154.475 |

Sample Name: P5034-03      Acquired: 12/16/2024 0:07:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1685278 | .0571950 | .6032984 | .0035944 | .0296615 | 77.67177 |
| Stddev | .0063835 | .0013683 | .0015498 | .0037770 | .0031921 | .09166   |
| %RSD   | 3.787805 | 2.392409 | .2568889 | 105.0789 | 10.76189 | .1180089 |
| #1     | .1635632 | .0578330 | .6015712 | .0049852 | .0328864 | 77.67027 |
| #2     | .1662916 | .0581278 | .6045676 | .0064789 | .0265032 | 77.76417 |
| #3     | .1757285 | .0556242 | .6037564 | -.000681 | .0295948 | 77.58087 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.868927 | .0061332 | .0113314 | 221.3194 | .1165173 | .1582751 |
| Stddev | .006241  | .0000863 | .0001238 | .5088    | .0004599 | .0006838 |
| %RSD   | .3339611 | 1.406453 | 1.092806 | .2299133 | .3946759 | .4320512 |
| #1     | 1.873494 | .0062197 | .0112120 | 221.1182 | .1161405 | .1574875 |
| #2     | 1.871472 | .0060471 | .0113230 | 221.8981 | .1163816 | .1586210 |
| #3     | 1.861815 | .0061330 | .0114593 | 220.9419 | .1170297 | .1587169 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .2664048 | 215.8942 | F 31.98679 | 83.52485 | .2132559 | -.009607 |
| Stddev | .0017552 | .2703    | .06666     | .11886   | .0009169 | .000397  |
| %RSD   | .6588276 | .1251830 | .2084014   | .1423084 | .4299562 | 4.136999 |
| #1     | .2679596 | 216.1753 | 32.06209   | 83.44305 | .2121971 | -.010045 |
| #2     | .2645016 | 215.8709 | 31.96292   | 83.66120 | .2137773 | -.009507 |
| #3     | .2667533 | 215.6363 | 31.93534   | 83.47030 | .2137931 | -.009269 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.439697 | .1433634 | .6466409 | 5.437951 | 6.560251 | -.016224 |
| Stddev | .379613  | .0133575 | .0038375 | .046742  | .022698  | .002816  |
| %RSD   | 86.33510 | 9.317238 | .5934565 | .8595603 | .3459855 | 17.35445 |
| #1     | -.137966 | .1542157 | .6494501 | 5.472445 | 6.543283 | -.019101 |
| #2     | -.315200 | .1284454 | .6422685 | 5.456656 | 6.551437 | -.016095 |
| #3     | -.865926 | .1474290 | .6482041 | 5.384753 | 6.586034 | -.013475 |

Sample Name: P5034-03      Acquired: 12/16/2024 0:07:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055176 | 2.432877 | 8.559969 | .0397551 | .3929156 | .0134207 |
| Stddev | .0001781 | .017962  | .046111  | .0005445 | .0004320 | .0004230 |
| %RSD   | 3.227664 | .7382887 | .5386821 | 1.369736 | .1099515 | 3.152112 |
| #1     | .0055924 | 2.414793 | 8.526151 | .0394438 | .3924868 | .0138452 |
| #2     | .0056462 | 2.433123 | 8.612494 | .0394376 | .3933507 | .0129991 |
| #3     | .0053144 | 2.450714 | 8.541263 | .0403839 | .3929093 | .0134178 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1279585 |
| Stddev | .0035913 |
| %RSD   | 2.806594 |
| #1     | .1243089 |
| #2     | .1314885 |
| #3     | .1280782 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2888.150 | 34976.27 | 3341.197 | 2432.573 | 3006.368 |
| Stddev    | 12.027   | 56.41    | 9.928    | 11.047   | 15.841   |
| %RSD      | .4164224 | .1612752 | .2971348 | .4541114 | .5269039 |
| #1        | 2901.930 | 34971.99 | 3349.903 | 2432.669 | 3024.514 |
| #2        | 2879.767 | 35034.70 | 3330.385 | 2443.572 | 2995.302 |
| #3        | 2882.752 | 34922.13 | 3343.303 | 2421.479 | 2999.288 |

Sample Name: P5034-04      Acquired: 12/16/2024 0:11:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1843063 | .0630663 | .6446426 | .0067668 | .0310119 | 83.81101 |
| Stddev | .0030641 | .0028655 | .0046539 | .0042820 | .0024913 | .16198   |
| %RSD   | 1.662492 | 4.543632 | .7219344 | 63.27953 | 8.033325 | .1932645 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1875495 | .0662752 | .6401898 | .0030446 | .0338051 | 83.84996 |
| #2 | .1839094 | .0621606 | .6494744 | .0114465 | .0302110 | 83.94996 |
| #3 | .1814600 | .0607631 | .6442634 | .0058094 | .0290196 | 83.63311 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.959632 | .0067134 | .0123468 | 210.1797 | .1228825 | .1693995 |
| Stddev | .005111  | .0000606 | .0002254 | .3647    | .0005372 | .0010226 |
| %RSD   | .2608008 | .9030369 | 1.825818 | .1735174 | .4371235 | .6036450 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.956190 | .0067729 | .0126027 | 210.5004 | .1227461 | .1682561 |
| #2 | 1.965504 | .0067156 | .0122603 | 209.7830 | .1224267 | .1702264 |
| #3 | 1.957201 | .0066517 | .0121774 | 210.2556 | .1234747 | .1697159 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .2747811 | 228.5097 | F 33.42684 | 85.64134 | .2334082 | -.009904 |
| Stddev | .0077648 | .1765    | .05576     | .23740   | .0004638 | .000215  |
| %RSD   | 2.825820 | .0772282 | .1667973   | .2772035 | .1987170 | 2.174050 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2792678 | 228.6698 | 33.36429 | 85.50009 | .2337424 | -.009705 |
| #2 | .2658150 | 228.5386 | 33.47131 | 85.91543 | .2328787 | -.009874 |
| #3 | .2792604 | 228.3205 | 33.44492 | 85.50851 | .2336036 | -.010132 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.282193 | .1528662 | .6828452 | 5.821663 | 7.039485 | -.022159 |
| Stddev | .802086  | .0053625 | .0106477 | .163956  | .002721  | .002619  |
| %RSD   | 284.2328 | 3.508003 | 1.559307 | 2.816304 | .0386530 | 11.82060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.077721 | .1589231 | .6711809 | 5.863213 | 7.036680 | -.024431 |
| #2 | -1.16672 | .1487229 | .6920434 | 5.640930 | 7.042114 | -.022751 |
| #3 | .39786   | .1509527 | .6853114 | 5.960847 | 7.039659 | -.019294 |



Sample Name: P5034-04      Acquired: 12/16/2024 0:11:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060417 | 2.641408 | 8.806278 | .0433689 | .3755475 | -.008521 |
| Stddev | .0006318 | .018355  | .058900  | .0015887 | .0008446 | .000396  |
| %RSD   | 10.45776 | .6949043 | .6688445 | 3.663265 | .2249031 | 4.650610 |
| #1     | .0066958 | 2.640207 | 8.873586 | .0437596 | .3764217 | -.008550 |
| #2     | .0059945 | 2.660334 | 8.764170 | .0447258 | .3747360 | -.008902 |
| #3     | .0054348 | 2.623683 | 8.781077 | .0416213 | .3754849 | -.008111 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1274731 |
| Stddev | .0089048 |
| %RSD   | 6.985620 |
| #1     | .1262995 |
| #2     | .1369065 |
| #3     | .1192133 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2961.958 | 35949.99 | 3418.391 | 2507.720 | 3023.639 |
| Stddev    | 4.384    | 109.58   | 24.302   | 6.522    | 5.965    |
| %RSD      | .1480206 | .3048080 | .7109280 | .2600754 | .1972664 |
| #1        | 2965.020 | 35905.31 | 3390.584 | 2505.506 | 3030.404 |
| #2        | 2963.918 | 35869.80 | 3429.026 | 2502.593 | 3019.138 |
| #3        | 2956.936 | 36074.85 | 3435.564 | 2515.061 | 3021.375 |

Sample Name: P5034-03LX5      Acquired: 12/16/2024 0:14:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0305955 | .0185474 | .1283164 | -.008312 | .0011076 | 18.58643 | .4537403 |
| Stddev | .0022239 | .0013391 | .0006929 | .001715  | .0005179 | .08027   | .0013364 |
| %RSD   | 7.268835 | 7.220113 | .5399699 | 20.63025 | 46.76120 | .4318998 | .2945178 |
| #1     | .0283223 | .0188865 | .1277217 | -.008172 | .0012676 | 18.62603 | .4546301 |
| #2     | .0306975 | .0170713 | .1281502 | -.010092 | .0015267 | 18.49405 | .4522036 |
| #3     | .0327666 | .0196843 | .1290772 | -.006671 | .0005286 | 18.63922 | .4543871 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015193 | .0021996 | 54.43442 | .0284621 | .0454959 | .0610915 | 53.24533 |
| Stddev | .0000965 | .0000436 | .23258   | .0006889 | .0002048 | .0153466 | .30433   |
| %RSD   | 6.351523 | 1.983421 | .4272722 | 2.420340 | .4501217 | 25.12058 | .5715659 |
| #1     | .0014990 | .0022112 | 54.45570 | .0292446 | .0457128 | .0777955 | 53.43938 |
| #2     | .0014345 | .0021513 | 54.19193 | .0281942 | .0454691 | .0578631 | 52.89458 |
| #3     | .0016243 | .0022363 | 54.65564 | .0279473 | .0453058 | .0476160 | 53.40203 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.907565 | 20.37856 | .0417712 | -.001846 | -1.23716 | .0273317 | .1487513 |
| Stddev | .048397  | .09523   | .0006610 | .000284  | 1.23580  | .0039408 | .0090377 |
| %RSD   | .6120371 | .4673062 | 1.582475 | 15.39262 | 99.88956 | 14.41838 | 6.075731 |
| #1     | 7.924094 | 20.31932 | .0411042 | -.001935 | -2.66335 | .0307680 | .1392441 |
| #2     | 7.853068 | 20.32794 | .0424261 | -.001528 | -.56506  | .0281969 | .1497780 |
| #3     | 7.945532 | 20.48841 | .0417833 | -.002076 | -.48307  | .0230302 | .1572319 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.685703 | 1.310113 | -.008565 | .0015078 | .4873535 | 2.125098 | .0079974 |
| Stddev | .115769  | .011218  | .001297  | .0004062 | .0023637 | .015479  | .0011492 |
| %RSD   | 6.867700 | .8562559 | 15.14875 | 26.93877 | .4850054 | .7283781 | 14.36926 |
| #1     | 1.795685 | 1.298008 | -.008733 | .0010419 | .4856958 | 2.139036 | .0093142 |
| #2     | 1.564906 | 1.312172 | -.007191 | .0017875 | .4863046 | 2.108439 | .0074807 |
| #3     | 1.696517 | 1.320159 | -.009769 | .0016940 | .4900602 | 2.127819 | .0071972 |

Sample Name: P5034-03LX5      Acquired: 12/16/2024 0:14:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0939500 | .0022967 | .0394081 |
| Stddev | .0025929 | .0001748 | .0019231 |
| %RSD   | 2.759912 | 7.611363 | 4.879984 |
| #1     | .0958252 | .0024979 | .0414221 |
| #2     | .0950339 | .0022105 | .0392110 |
| #3     | .0909910 | .0021818 | .0375911 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2473.197 | 29794.80 | 2815.207 | 2073.777 | 3172.779 |
| Stddev    | 14.319   | 54.80    | 13.137   | 6.595    | 24.079   |
| %RSD      | .5789731 | .1839191 | .4666381 | .3180065 | .7589388 |
| #1        | 2489.697 | 29794.88 | 2801.645 | 2078.281 | 3200.583 |
| #2        | 2465.867 | 29739.95 | 2827.873 | 2066.207 | 3158.947 |
| #3        | 2464.026 | 29849.55 | 2816.104 | 2076.842 | 3158.806 |

Sample Name: P5034-05      Acquired: 12/16/2024 0:18:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .2610883 | .1573301 | .6542685   | .1465237 | .1672599 | 80.80306 |
| Stddev | .0017595 | .0024129 | .0018265   | .0006237 | .0028023 | .13718   |
| %RSD   | .6739083 | 1.533673 | .2791638   | .4256692 | 1.675386 | .1697758 |
| #1     | .2611030 | .1546613 | .6562912   | .1461836 | .1671359 | 80.81867 |
| #2     | .2628404 | .1593576 | .6527400   | .1461440 | .1645217 | 80.65874 |
| #3     | .2593215 | .1579715 | .6537741   | .1472436 | .1701221 | 80.93178 |
| Elem   | Ba4934   | Be2348   | Cd2144     | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 5.166264 | .0857779 | .1078235   | 220.6305 | .4551258 | 1.118668 |
| Stddev | .014926  | .0005928 | .0005537   | .7424    | .0023682 | .003237  |
| %RSD   | .2889156 | .6911255 | .5134781   | .3365113 | .5203446 | .2894055 |
| #1     | 5.174103 | .0854308 | .1075325   | 220.7215 | .4555746 | 1.116199 |
| #2     | 5.149051 | .0864624 | .1074761   | 219.8467 | .4572375 | 1.117471 |
| #3     | 5.175636 | .0854405 | .1084620   | 221.3232 | .4525652 | 1.122333 |
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .6511261 | 218.6935 | F 32.83261 | 82.76304 | 1.194342 | .0559779 |
| Stddev | .0041370 | .4063    | .05163     | .03745   | .004083  | .0002743 |
| %RSD   | .6353623 | .1857707 | .1572500   | .0452508 | .3418588 | .4899677 |
| #1     | .6518203 | 218.6385 | 32.82636   | 82.77838 | 1.191268 | .0557763 |
| #2     | .6548721 | 218.3176 | 32.78439   | 82.72035 | 1.192783 | .0558673 |
| #3     | .6466859 | 219.1245 | 32.88708   | 82.79038 | 1.198974 | .0562903 |
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | -.627625 | .9765623 | 1.327373   | 5.377289 | 6.671353 | -.030810 |
| Stddev | .568746  | .0083659 | .021153    | .058366  | .026320  | .002075  |
| %RSD   | 90.61870 | .8566660 | 1.593626   | 1.085416 | .3945177 | 6.736495 |
| #1     | -.671844 | .9827321 | 1.339813   | 5.312361 | 6.660277 | -.028415 |
| #2     | -.038061 | .9799147 | 1.302948   | 5.425402 | 6.652382 | -.031916 |
| #3     | -1.17297 | .9670402 | 1.339356   | 5.394104 | 6.701401 | -.032098 |

Sample Name: P5034-05      Acquired: 12/16/2024 0:18:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB6S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054557 | 2.497367 | 8.572598 | .0390076 | .3879967 | .0086673 |
| Stddev | .0008936 | .012312  | .041614  | .0013639 | .0020331 | .0001731 |
| %RSD   | 16.37895 | .4929966 | .4854262 | 3.496409 | .5240001 | 1.996549 |
| #1     | .0058439 | 2.485240 | 8.526306 | .0378928 | .3885541 | .0088592 |
| #2     | .0060896 | 2.497004 | 8.584589 | .0386017 | .3896930 | .0085233 |
| #3     | .0044337 | 2.509856 | 8.606900 | .0405283 | .3857431 | .0086192 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1213704 |
| Stddev | .0065933 |
| %RSD   | 5.432406 |
| #1     | .1288296 |
| #2     | .1163209 |
| #3     | .1189607 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2909.777 | 35273.33 | 3381.416 | 2464.884 | 3023.134 |
| Stddev    | 2.710    | 45.62    | 14.341   | 3.876    | 2.321    |
| %RSD      | .0931454 | .1293190 | .4241079 | .1572379 | .0767749 |
| #1        | 2912.251 | 35272.95 | 3394.290 | 2461.849 | 3023.855 |
| #2        | 2906.880 | 35227.91 | 3365.959 | 2463.552 | 3025.008 |
| #3        | 2910.199 | 35319.14 | 3383.999 | 2469.250 | 3020.538 |

Sample Name: P5034-06      Acquired: 12/16/2024 0:22:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1083383 | .0405440 | .4200829 | -.018096 | .0181978 | 72.68405 | 1.120881 |
| Stddev | .0006357 | .0013076 | .0035102 | .002085  | .0010137 | .06884   | .003588  |
| %RSD   | .5868045 | 3.225009 | .8355878 | 11.52364 | 5.570475 | .0947160 | .3201003 |
| #1     | .1084770 | .0420530 | .4201084 | -.020503 | .0172105 | 72.76252 | 1.124343 |
| #2     | .1076446 | .0398339 | .4165601 | -.016926 | .0192360 | 72.65583 | 1.117179 |
| #3     | .1088931 | .0397453 | .4235803 | -.016858 | .0181468 | 72.63379 | 1.121120 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063073 | .0061714 | 436.8648 | .1077782 | .1282027 | .2658177 | 177.1606 |
| Stddev | .0000521 | .0001472 | 1.0282   | .0002498 | .0004649 | .0051250 | .3153    |
| %RSD   | .8255772 | 2.385564 | .2353487 | .2317654 | .3626577 | 1.928016 | .1779624 |
| #1     | .0062870 | .0063210 | 438.0519 | .1080234 | .1286640 | .2709993 | 177.1396 |
| #2     | .0062683 | .0061665 | 436.2800 | .1075241 | .1277342 | .2607512 | 176.8564 |
| #3     | .0063664 | .0060267 | 436.2624 | .1077871 | .1282100 | .2657027 | 177.4859 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.87126 | 124.9266 | .1912216 | -.010492 | .2152852 | .1319023 | .5985558 |
| Stddev | .02880   | .3777    | .0015616 | .000661  | .6891269 | .0162018 | .0065939 |
| %RSD   | .1814448 | .3023076 | .8166347 | 6.303208 | 320.0996 | 12.28317 | 1.101626 |
| #1     | 15.88794 | 125.0414 | .1922770 | -.009733 | .2115385 | .1501424 | .6035473 |
| #2     | 15.83801 | 124.5049 | .1894277 | -.010946 | -.471961 | .1263835 | .5910808 |
| #3     | 15.88784 | 125.2336 | .1919600 | -.010797 | .906278  | .1191809 | .6010392 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.338264 | 6.152497 | .0106097 | .0014471 | 1.588713 | 7.921059 | .0251654 |
| Stddev | .141585  | .016807  | .0034943 | .0001103 | .011634  | .032349  | .0008680 |
| %RSD   | 1.698013 | .2731762 | 32.93496 | 7.624441 | .7322702 | .4083885 | 3.449158 |
| #1     | 8.501495 | 6.166569 | .0080471 | .0015732 | 1.590077 | 7.892409 | .0249696 |
| #2     | 8.264590 | 6.133887 | .0091920 | .0014001 | 1.576458 | 7.956140 | .0244120 |
| #3     | 8.248707 | 6.157035 | .0145901 | .0013681 | 1.599605 | 7.914627 | .0261146 |

Sample Name: P5034-06      Acquired: 12/16/2024 0:22:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3161093 | .2312478 | .1693170 |
| Stddev | .0011078 | .0017517 | .0077058 |
| %RSD   | .3504610 | .7574864 | 4.551110 |
| #1     | .3158375 | .2332396 | .1781424 |
| #2     | .3151626 | .2299472 | .1639226 |
| #3     | .3173277 | .2305565 | .1658860 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2733.381 | 32818.76 | 3187.506 | 2290.229 | 2976.388 |
| Stddev    | 10.461   | 141.09   | 11.536   | 6.851    | 16.074   |
| %RSD      | .3827222 | .4299088 | .3619225 | .2991255 | .5400600 |
| #1        | 2723.312 | 32655.86 | 3181.399 | 2282.813 | 2960.024 |
| #2        | 2744.195 | 32902.29 | 3180.307 | 2291.550 | 2992.156 |
| #3        | 2732.638 | 32898.13 | 3200.812 | 2296.322 | 2976.985 |

Sample Name: P5034-07      Acquired: 12/16/2024 0:26:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1251758 | .0238130 | 1.877898 | -.006416 | .0283399 | 60.45023 |
| Stddev | .0005680 | .0030737 | .000746  | .004422  | .0031041 | .22834   |
| %RSD   | .4537607 | 12.90780 | .0397447 | 68.91353 | 10.95317 | .3777326 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1249342 | .0214542 | 1.877882 | -.001960 | .0251427 | 60.52390 |
| #2 | .1247685 | .0226957 | 1.877159 | -.006486 | .0285354 | 60.63265 |
| #3 | .1258246 | .0272891 | 1.878652 | -.010803 | .0313416 | 60.19416 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.348260 | .0062683 | .0071784 | 165.1980 | .1182611 | .1010063 |
| Stddev | .008695  | .0000263 | .0000553 | .5992    | .0016642 | .0004128 |
| %RSD   | .6448978 | .4195750 | .7698952 | .3627275 | 1.407190 | .4086709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.351986 | .0062976 | .0072004 | 165.6632 | .1195994 | .1005319 |
| #2 | 1.354471 | .0062466 | .0071155 | 165.4089 | .1187861 | .1012041 |
| #3 | 1.338323 | .0062609 | .0072193 | 164.5218 | .1163977 | .1012830 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4831035 | 177.6788 | 9.547421 | 55.37503 | .2082913 | -.011225 |
| Stddev | .0048077 | 1.2216   | .056614  | .21651   | .0004854 | .000155  |
| %RSD   | .9951587 | .6875591 | .5929813 | .3909846 | .2330504 | 1.378265 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4872122 | 178.2256 | 9.558739 | 55.32800 | .2083668 | -.011089 |
| #2 | .4842823 | 178.5316 | 9.597521 | 55.61119 | .2077726 | -.011194 |
| #3 | .4778161 | 176.2793 | 9.486002 | 55.18591 | .2087346 | -.011394 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0505314 | .1716967 | 1.218795 | 7.219610 | F 14.17114 | .0062588 |
| Stddev | .3667150 | .0015151 | .013876  | .240896  | .01503     | .0012571 |
| %RSD   | 725.7171 | .8824458 | 1.138504 | 3.336689 | .1060584   | 20.08536 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.165309 | .1727248 | 1.214088 | 7.164651 | 14.17197 | .0052509 |
| #2 | -.157048 | .1699567 | 1.234412 | 7.483236 | 14.15571 | .0076675 |
| #3 | .473951  | .1724087 | 1.207885 | 7.010942 | 14.18574 | .0058582 |



Sample Name: P5034-07      Acquired: 12/16/2024 0:26:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062795 | 4.835586 | 7.307746 | .1164983 | .8936313 | .1152481 |
| Stddev | .0001401 | .011814  | .041649  | .0003695 | .0121326 | .0010062 |
| %RSD   | 2.230613 | .2443101 | .5699250 | .3172022 | 1.357678 | .8730787 |
| #1     | .0063990 | 4.838995 | 7.354833 | .1163265 | .8977881 | .1149642 |
| #2     | .0063141 | 4.822443 | 7.292671 | .1169225 | .9031393 | .1163657 |
| #3     | .0061254 | 4.845320 | 7.275734 | .1162460 | .8799667 | .1144143 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1368138 |
| Stddev | .0034199 |
| %RSD   | 2.499704 |
| #1     | .1381971 |
| #2     | .1329190 |
| #3     | .1393255 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2722.125 | 33069.47 | 3165.186 | 2312.326 | 3095.286 |
| Stddev    | 7.350    | 110.05   | 5.988    | 10.122   | 7.779    |
| %RSD      | .2700194 | .3327827 | .1891727 | .4377201 | .2513082 |
| #1        | 2728.092 | 33175.74 | 3163.555 | 2321.275 | 3100.363 |
| #2        | 2724.369 | 33076.68 | 3171.819 | 2314.361 | 3099.164 |
| #3        | 2713.915 | 32955.99 | 3160.182 | 2301.342 | 3086.331 |

Sample Name: P5034-08      Acquired: 12/16/2024 0:30:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1535249 | .0230622 | 2.012743 | -.005623 | .0359271 | 63.62819 |
| Stddev | .0053447 | .0019883 | .006092  | .004702  | .0023174 | .16623   |
| %RSD   | 3.481309 | 8.621509 | .3026848 | 83.61603 | 6.450185 | .2612557 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1499263 | .0251144 | 2.019269 | -.002763 | .0340993 | 63.78541 |
| #2 | .1509823 | .0229274 | 2.007204 | -.003056 | .0351485 | 63.45421 |
| #3 | .1596663 | .0211447 | 2.011757 | -.011050 | .0385335 | 63.64496 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.565902 | .0070697 | .0088110 | 176.6981 | .1228244 | .1097851 |
| Stddev | .002588  | .0001454 | .0001642 | .2433    | .0013803 | .0004756 |
| %RSD   | .1652463 | 2.057182 | 1.864052 | .1376681 | 1.123808 | .4332356 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.567641 | .0072373 | .0086722 | 176.7222 | .1231573 | .1101609 |
| #2 | 1.562928 | .0069776 | .0087686 | 176.4437 | .1213081 | .1092504 |
| #3 | 1.567135 | .0069940 | .0089923 | 176.9285 | .1240078 | .1099440 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6514823 | 197.1285 | 11.59911 | 60.43994 | .2225061 | -.012395 |
| Stddev | .0075102 | .4470    | .02957   | .04338   | .0005045 | .000396  |
| %RSD   | 1.152785 | .2267568 | .2549568 | .0717660 | .2267601 | 3.193143 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6432015 | 197.6441 | 11.61610 | 60.47016 | .2227353 | -.012040 |
| #2 | .6578530 | 196.8898 | 11.56496 | 60.39024 | .2219276 | -.012323 |
| #3 | .6533923 | 196.8514 | 11.61627 | 60.45943 | .2228553 | -.012821 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.476986 | .1753082 | 1.297853 | 5.895127 | F 11.01158 | -.004603 |
| Stddev | .086207  | .0033636 | .016298  | .188443  | .02225     | .001311  |
| %RSD   | 18.07318 | 1.918704 | 1.255729 | 3.196592 | .2020865   | 28.48100 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.396399 | .1730403 | 1.279953 | 5.775814 | 11.03500 | -.005981 |
| #2 | -.466675 | .1791728 | 1.311834 | 5.797194 | 10.99072 | -.003372 |
| #3 | -.567884 | .1737115 | 1.301771 | 6.112372 | 11.00902 | -.004456 |

Sample Name: P5034-08      Acquired: 12/16/2024 0:30:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053612 | 4.018445 | 6.944075 | .1569092 | .7761700 | .0676864 |
| Stddev | .0003985 | .012991  | .064340  | .0018939 | .0047624 | .0005787 |
| %RSD   | 7.432633 | .3232808 | .9265393 | 1.207003 | .6135713 | .8550381 |
| #1     | .0050662 | 4.019335 | 7.015255 | .1572368 | .7778614 | .0680142 |
| #2     | .0052029 | 4.005031 | 6.890057 | .1548728 | .7798557 | .0670182 |
| #3     | .0058145 | 4.030967 | 6.926911 | .1586179 | .7707928 | .0680268 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1367606 |
| Stddev | .0035672 |
| %RSD   | 2.608351 |
| #1     | .1339413 |
| #2     | .1355695 |
| #3     | .1407710 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2788.080 | 33738.75 | 3196.526 | 2355.205 | 3129.026 |
| Stddev    | 11.350   | 134.86   | 23.258   | 5.183    | 12.533   |
| %RSD      | .4070908 | .3997300 | .7275931 | .2200866 | .4005439 |
| #1        | 2776.289 | 33868.48 | 3173.568 | 2361.147 | 3116.698 |
| #2        | 2798.931 | 33599.28 | 3220.072 | 2352.858 | 3141.754 |
| #3        | 2789.022 | 33748.48 | 3195.939 | 2351.611 | 3128.625 |

Sample Name: P5034-09      Acquired: 12/16/2024 0:34:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1113440 | .0338531 | 1.340524 | -.006525 | .0301187 | 68.61753 |
| Stddev | .0029887 | .0005600 | .009270  | .006592  | .0011686 | 2.73303  |
| %RSD   | 2.684176 | 1.654144 | .6915352 | 101.0296 | 3.879800 | 3.982990 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1084569 | .0344125 | 1.336806 | -.008687 | .0295752 | 70.82897 |
| #2 | .1144248 | .0338543 | 1.333690 | -.011765 | .0314601 | 65.56204 |
| #3 | .1111502 | .0332925 | 1.351076 | .000877  | .0293210 | 69.46159 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.224763 | .0062052 | .0071074 | 210.6215 | .1022788 | .1185351 |
| Stddev | .087491  | .0003075 | .0000985 | 8.3574   | .0018415 | .0004104 |
| %RSD   | 3.932609 | 4.955963 | 1.385281 | 3.967964 | 1.800434 | .3462608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.296244 | .0062737 | .0070901 | 217.2290 | .1003193 | .1181988 |
| #2 | 2.127196 | .0058692 | .0072133 | 201.2266 | .1039735 | .1189924 |
| #3 | 2.250849 | .0064727 | .0070187 | 213.4088 | .1025437 | .1184140 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4312816 | 190.9803 | 14.28774 | 47.82735 | .1898780 | -.012926 |
| Stddev | .0151684 | 7.4080   | .58187   | 1.92002  | .0016064 | .000981  |
| %RSD   | 3.517048 | 3.878913 | 4.072533 | 4.014472 | .8459952 | 7.591134 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4441199 | 197.0430 | 14.76775 | 49.39045 | .1898260 | -.011947 |
| #2 | .4145444 | 182.7230 | 13.64059 | 45.68419 | .1882983 | -.013909 |
| #3 | .4351805 | 193.1749 | 14.45489 | 48.40742 | .1915097 | -.012921 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3368749 | .1585735 | 1.118350 | 5.278723 | F 16.75511 | .0140648 |
| Stddev | .4762922 | .0081712 | .005354  | .420757  | .07580     | .0030008 |
| %RSD   | 141.3855 | 5.152956 | .4787467 | 7.970816 | .4524218   | 21.33590 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0950850 | .1679961 | 1.124520 | 5.589584 | 16.70468 | .0133504 |
| #2 | .0299762 | .1534389 | 1.114925 | 4.799933 | 16.71837 | .0114856 |
| #3 | .8855636 | .1542854 | 1.115604 | 5.446650 | 16.84229 | .0173584 |

Sample Name: P5034-09      Acquired: 12/16/2024 0:34:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044910 | 3.228582 | 7.607615 | .1177707 | .6135980 | .2172019 |
| Stddev | .0003238 | .018997  | .295236  | .0017616 | .0231166 | .0091730 |
| %RSD   | 7.210211 | .5883901 | 3.880796 | 1.495794 | 3.767387 | 4.223271 |
| #1     | .0044746 | 3.219663 | 7.834813 | .1195668 | .6326544 | .2243022 |
| #2     | .0048226 | 3.215687 | 7.273902 | .1160457 | .5878828 | .2068449 |
| #3     | .0041756 | 3.250397 | 7.714130 | .1176996 | .6202568 | .2204588 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1435636 |
| Stddev | .0058208 |
| %RSD   | 4.054545 |
| #1     | .1495221 |
| #2     | .1378910 |
| #3     | .1432778 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2820.668 | 34383.37 | 3221.725 | 2394.832 | 3073.052 |
| Stddev    | 4.569    | 276.81   | 118.478  | 20.900   | 1.100    |
| %RSD      | .1619899 | .8050756 | 3.677468 | .8726970 | .0357973 |
| #1        | 2821.706 | 34701.19 | 3132.194 | 2416.957 | 3074.114 |
| #2        | 2815.670 | 34253.95 | 3356.074 | 2392.115 | 3071.918 |
| #3        | 2824.630 | 34194.98 | 3176.907 | 2375.424 | 3073.126 |

Sample Name: P5034-10      Acquired: 12/16/2024 0:37:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKBH7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0801513 | .0309292 | .9442946 | -.015094 | .0167683 | 59.72762 |
| Stddev | .0041923 | .0033086 | .0016140 | .001887  | .0023521 | .07571   |
| %RSD   | 5.230434 | 10.69736 | .1709264 | 12.50173 | 14.02680 | .1267567 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0758322 | .0326957 | .9444388 | -.016844 | .0188345 | 59.64383 |
| #2 | .0842041 | .0329797 | .9426132 | -.013095 | .0142087 | 59.74793 |
| #3 | .0804175 | .0271123 | .9458317 | -.015343 | .0172618 | 59.79111 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.966565 | .0054684 | .0061199 | 221.2584 | .0876108 | .1007529 |
| Stddev | .003774  | .0001818 | .0000226 | .4070    | .0007814 | .0007713 |
| %RSD   | .1919283 | 3.324666 | .3690594 | .1839535 | .8919204 | .7655420 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.968909 | .0055119 | .0061177 | 221.4280 | .0868660 | .1001576 |
| #2 | 1.962211 | .0056245 | .0060985 | 221.5533 | .0884243 | .1004769 |
| #3 | 1.968575 | .0052688 | .0061435 | 220.7941 | .0875422 | .1016242 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3616661 | 148.9707 | 11.32753 | 33.85066 | .1375478 | -.010064 |
| Stddev | .0094714 | .2820    | .01019   | .07487   | .0007386 | .000544  |
| %RSD   | 2.618835 | .1892985 | .0899404 | .2211830 | .5370143 | 5.404485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3513430 | 149.2643 | 11.33771 | 33.89326 | .1371700 | -.010084 |
| #2 | .3699555 | 148.7020 | 11.31733 | 33.89451 | .1383990 | -.009510 |
| #3 | .3636998 | 148.9458 | 11.32755 | 33.76421 | .1370745 | -.010597 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1141845 | .1384914 | .8289762 | 4.609383 | F 14.01272 | .0286856 |
| Stddev | .9154259 | .0083608 | .0075412 | .039535  | .03579     | .0006421 |
| %RSD   | 801.7076 | 6.037075 | .9097000 | .8577118 | .2554049   | 2.238376 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.185312 | .1459323 | .8366925 | 4.646604 | 14.01555 | .0293538 |
| #2 | 1.141846 | .1294438 | .8286128 | 4.567882 | 13.97560 | .0280732 |
| #3 | -.613980 | .1400981 | .8216233 | 4.613664 | 14.04701 | .0286298 |

Sample Name: P5034-10      Acquired: 12/16/2024 0:37:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025506 | 3.210644 | 7.292792 | .1058750 | .5926786 | .3109702 |
| Stddev | .0002151 | .011608  | .035378  | .0021465 | .0045161 | .0001261 |
| %RSD   | 8.432187 | .3615469 | .4851083 | 2.027422 | .7619860 | .0405434 |
| #1     | .0023775 | 3.216271 | 7.288618 | .1082601 | .5978858 | .3108675 |
| #2     | .0027914 | 3.197295 | 7.330071 | .1040984 | .5898319 | .3109323 |
| #3     | .0024830 | 3.218367 | 7.259686 | .1052666 | .5903182 | .3111109 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1267797 |
| Stddev | .0017125 |
| %RSD   | 1.350734 |
| #1     | .1287530 |
| #2     | .1256839 |
| #3     | .1259020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2781.831 | 33657.56 | 3243.994 | 2351.238 | 3151.063 |
| Stddev    | 9.991    | 211.10   | 13.804   | 7.646    | 9.324    |
| %RSD      | .3591651 | .6271849 | .4255341 | .3251788 | .2959122 |
| #1        | 2787.287 | 33899.52 | 3249.400 | 2356.751 | 3155.794 |
| #2        | 2787.907 | 33562.12 | 3228.305 | 2354.453 | 3157.074 |
| #3        | 2770.300 | 33511.03 | 3254.278 | 2342.510 | 3140.322 |

Sample Name: P5034-11      Acquired: 12/16/2024 0:41:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKBH8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1066738 | .0194518 | .2897651 | -.012913 | .0183995 | 49.21295 | .8712977 |
| Stddev | .0022254 | .0017293 | .0035020 | .004493  | .0032640 | .06187   | .0019921 |
| %RSD   | 2.086202 | 8.889906 | 1.208564 | 34.79440 | 17.73948 | .1257209 | .2286385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1042138 | .0194399 | .2917527 | -.012883 | .0211287 | 49.28414 | .8719060 |
| #2 | .1072605 | .0177285 | .2857215 | -.017421 | .0192858 | 49.18252 | .8729149 |
| #3 | .1085471 | .0211869 | .2918211 | -.008435 | .0147839 | 49.17218 | .8690724 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055213 | .0047333 | 134.6868 | .0744980 | .0963219 | .3080883 | 144.6435 |
| Stddev | .0001046 | .0001160 | .3168    | .0008301 | .0008817 | .0014656 | .3388    |
| %RSD   | 1.895154 | 2.451045 | .2351873 | 1.114244 | .9154042 | .4756970 | .2342303 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055473 | .0047224 | 134.8008 | .0736205 | .0968964 | .3082517 | 144.3617 |
| #2 | .0054061 | .0046231 | 134.9308 | .0752707 | .0953067 | .3094653 | 145.0194 |
| #3 | .0056105 | .0048544 | 134.3288 | .0746029 | .0967627 | .3065479 | 144.5492 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.305188 | 33.96899 | .1395470 | -.009550 | -.116040 | .1344742 | .4050713 |
| Stddev | .025058  | .03878   | .0003750 | .000565  | .360167  | .0032747 | .0058871 |
| %RSD   | .3017122 | .1141765 | .2687443 | 5.919301 | 310.3806 | 2.435171 | 1.453348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.312916 | 33.95613 | .1394431 | -.010077 | .255537  | .1330333 | .4094822 |
| #2 | 8.325471 | 33.93827 | .1399630 | -.008953 | -.140065 | .1321671 | .3983864 |
| #3 | 8.277176 | 34.01257 | .1392349 | -.009621 | -.463594 | .1382222 | .4073454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.243913 | 7.922219 | -.009872 | .0029593 | 2.083737 | 5.997782 | .0246092 |
| Stddev | .138978  | .026420  | .003065  | .0001198 | .013536  | .020943  | .0015530 |
| %RSD   | 6.193578 | .3334961 | 31.04996 | 4.047339 | .6496180 | .3491862 | 6.310604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.160718 | 7.912713 | -.013223 | .0030811 | 2.079817 | 6.021082 | .0260561 |
| #2 | 2.166666 | 7.901866 | -.009181 | .0029551 | 2.072594 | 5.991740 | .0248031 |
| #3 | 2.404355 | 7.952077 | -.007211 | .0028416 | 2.098801 | 5.980523 | .0229683 |



Sample Name: P5034-11      Acquired: 12/16/2024 0:41:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKBH8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4837551 | .0444146 | .0959206 |
| Stddev | .0032107 | .0002728 | .0035115 |
| %RSD   | .6637110 | .6143188 | 3.660803 |
| #1     | .4874345 | .0447283 | .0969183 |
| #2     | .4815209 | .0442826 | .0988252 |
| #3     | .4823100 | .0442328 | .0920182 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2852.357 | 34539.19 | 3255.424 | 2410.456 | 3173.811 |
| Stddev    | 6.517    | 26.73    | 16.072   | 8.048    | 10.568   |
| %RSD      | .2284764 | .0773961 | .4937000 | .3338715 | .3329760 |
| #1        | 2851.338 | 34528.03 | 3238.367 | 2408.382 | 3174.054 |
| #2        | 2859.324 | 34569.70 | 3257.622 | 2419.338 | 3184.256 |
| #3        | 2846.410 | 34519.85 | 3270.284 | 2403.648 | 3163.124 |

Sample Name: P5034-12      Acquired: 12/16/2024 0:45:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKH9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0703458 | .0436325 | .1949610 | -.024727 | .0117431 | 45.21833 | .9866544 |
| Stddev | .0028737 | .0036916 | .0001459 | .002452  | .0008678 | .19675   | .0060401 |
| %RSD   | 4.085039 | 8.460544 | .0748506 | 9.915454 | 7.389958 | .4351215 | .6121781 |
| #1     | .0699709 | .0456828 | .1949233 | -.025601 | .0110828 | 45.06690 | .9827963 |
| #2     | .0733885 | .0393709 | .1951220 | -.026622 | .0114205 | 45.44072 | .9936153 |
| #3     | .0676780 | .0458439 | .1948376 | -.021958 | .0127260 | 45.14736 | .9835517 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035741 | .0043131 | 662.2054 | .0839753 | .1133802 | .2292406 | 145.7301 |
| Stddev | .0001712 | .0001966 | 2.6414   | .0003480 | .0010285 | .0058955 | .9939    |
| %RSD   | 4.789706 | 4.558468 | .3988811 | .4143950 | .9070875 | 2.571743 | .6820306 |
| #1     | .0035111 | .0042628 | 660.7472 | .0839876 | .1127060 | .2311410 | 144.7553 |
| #2     | .0037678 | .0041465 | 665.2545 | .0843170 | .1128706 | .2339515 | 146.7421 |
| #3     | .0034433 | .0045300 | 660.6146 | .0836214 | .1145639 | .2226293 | 145.6928 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.27012 | 198.5156 | .1558136 | -.011125 | .2670310 | .1352270 | .3125753 |
| Stddev | .06504   | .8101    | .0007834 | .000758  | .3640472 | .0055000 | .0087864 |
| %RSD   | .4259343 | .4080600 | .5027914 | 6.809207 | 136.3314 | 4.067203 | 2.810984 |
| #1     | 15.24845 | 198.0465 | .1552522 | -.010315 | .3412745 | .1288872 | .3032299 |
| #2     | 15.34323 | 199.4510 | .1554798 | -.011244 | -.128415 | .1387206 | .3138274 |
| #3     | 15.21869 | 198.0493 | .1567086 | -.011817 | .588234  | .1380731 | .3206685 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.104880 | 6.727713 | .0081633 | .0012956 | 1.123748 | 4.168924 | .0199469 |
| Stddev | .067397  | .032734  | .0009647 | .0002574 | .003568  | .040967  | .0005485 |
| %RSD   | 1.320253 | .4865556 | 11.81763 | 19.86707 | .3175401 | .9826835 | 2.749814 |
| #1     | 5.115734 | 6.709759 | .0085427 | .0010037 | 1.120030 | 4.144284 | .0193279 |
| #2     | 5.166192 | 6.707885 | .0070666 | .0013930 | 1.127145 | 4.216215 | .0201404 |
| #3     | 5.032715 | 6.765495 | .0088807 | .0014900 | 1.124067 | 4.146273 | .0203724 |

Sample Name: P5034-12      Acquired: 12/16/2024 0:45:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKBH9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7960274 | .3835076 | .1374429 |
| Stddev | .0101882 | .0006853 | .0020153 |
| %RSD   | 1.279876 | .1786994 | 1.466310 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7868556 | .3831545 | .1397649 |
| #2 | .8069935 | .3842974 | .1364156 |
| #3 | .7942330 | .3830708 | .1361482 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2629.501 | 31818.75 | 3159.870 | 2210.897 | 2906.864 |
| Stddev    | 16.906   | 145.33   | 24.841   | 9.862    | 19.565   |
| %RSD      | .6429246 | .4567390 | .7861413 | .4460792 | .6730621 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2645.256 | 31651.29 | 3165.811 | 2200.164 | 2924.064 |
| #2 | 2631.606 | 31911.81 | 3132.597 | 2212.967 | 2910.949 |
| #3 | 2611.642 | 31893.15 | 3181.202 | 2219.561 | 2885.579 |

Sample Name: P5034-13      Acquired: 12/16/2024 0:49:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0456435 | .0312457 | .1356696 | -.036753 | .0126230 | 50.44821 |
| Stddev | .0084553 | .0048787 | .0006201 | .006056  | .0017268 | .05356   |
| %RSD   | 18.52459 | 15.61387 | .4570395 | 16.47776 | 13.68012 | .1061749 |
| #1     | .0466308 | .0327760 | .1349606 | -.043745 | .0124036 | 50.42298 |
| #2     | .0367380 | .0351757 | .1361105 | -.033156 | .0110163 | 50.50973 |
| #3     | .0535619 | .0257853 | .1359376 | -.033357 | .0144491 | 50.41192 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4030660 | .0046427 | .0036054 | F 910.4568 | .0924632 | .1011980 |
| Stddev | .0010745 | .0000850 | .0001347 | 2.5047     | .0030428 | .0011918 |
| %RSD   | .2665798 | 1.831090 | 3.736839 | .2751033   | 3.290837 | 1.177745 |
| #1     | .4019361 | .0047116 | .0036526 | 910.3598   | .0936549 | .1004708 |
| #2     | .4040748 | .0045477 | .0034534 | 913.0086   | .0890049 | .1005497 |
| #3     | .4031872 | .0046688 | .0037102 | 908.0021   | .0947298 | .1025735 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1656614 | 152.4531 | 7.478700 | 180.6592 | .1421029 | -.012585 |
| Stddev | .0013052 | .3519    | .023964  | .3956    | .0005595 | .001242  |
| %RSD   | .7878513 | .2307997 | .3204259 | .2189522 | .3937257 | 9.870727 |
| #1     | .1644288 | 152.4719 | 7.464234 | 180.3773 | .1421299 | -.013545 |
| #2     | .1655268 | 152.7951 | 7.506361 | 181.1114 | .1415304 | -.011182 |
| #3     | .1670287 | 152.0921 | 7.465503 | 180.4890 | .1426484 | -.013029 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3213621 | .1383325 | .2907649 | 6.666421 | 5.109589 | .0124550 |
| Stddev | .4149577 | .0097441 | .0124212 | .125624  | .010768  | .0023651 |
| %RSD   | 129.1246 | 7.044001 | 4.271911 | 1.884434 | .2107345 | 18.98958 |
| #1     | .7751715 | .1327149 | .2936330 | 6.522151 | 5.111428 | .0108551 |
| #2     | -.038707 | .1326986 | .2771605 | 6.751638 | 5.098021 | .0151718 |
| #3     | .227621  | .1495841 | .3015012 | 6.725473 | 5.119319 | .0113382 |

Sample Name: P5034-13      Acquired: 12/16/2024 0:49:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKJ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000469 | 1.373112 | 5.594507 | .0239916 | 1.217166 | .6270802 |
| Stddev | .0010214 | .006082  | .069008  | .0028515 | .004963  | .0023330 |
| %RSD   | 2177.094 | .4429395 | 1.233503 | 11.88558 | .4077358 | .3720466 |
| #1     | -.000167 | 1.366521 | 5.672934 | .0269656 | 1.212052 | .6261138 |
| #2     | .001158  | 1.374308 | 5.567502 | .0212808 | 1.221963 | .6297412 |
| #3     | -.000851 | 1.378507 | 5.543085 | .0237283 | 1.217482 | .6253857 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1729720 |
| Stddev | .0040397 |
| %RSD   | 2.335460 |
| #1     | .1711176 |
| #2     | .1701925 |
| #3     | .1776060 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2523.688 | 30741.56 | 3015.169 | 2139.358 | 2785.933 |
| Stddev    | 12.416   | 600.63   | 14.788   | 39.279   | 10.060   |
| %RSD      | .4919743 | 1.953809 | .4904431 | 1.836034 | .3611146 |
| #1        | 2532.090 | 30617.33 | 3001.468 | 2129.260 | 2792.871 |
| #2        | 2529.548 | 31394.59 | 3013.194 | 2182.700 | 2790.533 |
| #3        | 2509.427 | 30212.76 | 3030.845 | 2106.113 | 2774.395 |

Sample Name: P5034-14      Acquired: 12/16/2024 0:53:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1236799 | .0157386 | 2.155044 | .0007478 | .0353439 | 95.27042 |
| Stddev | .0063238 | .0015247 | .005434  | .0058548 | .0008840 | .26850   |
| %RSD   | 5.113052 | 9.687862 | .2521523 | 782.9452 | 2.501263 | .2818269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1212644 | .0140454 | 2.161299 | .0057551 | .0351676 | 95.30518 |
| #2 | .1308555 | .0170029 | 2.152347 | .0021778 | .0363028 | 95.51984 |
| #3 | .1189199 | .0161675 | 2.151486 | -.005690 | .0345613 | 94.98623 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.050333 | .0088491 | .0102192 | 97.37961 | .1968133 | .1219998 |
| Stddev | .004726  | .0001449 | .0001004 | .27249   | .0001751 | .0003685 |
| %RSD   | .2304818 | 1.637314 | .9824540 | .2798175 | .0889891 | .3020637 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.052669 | .0087192 | .0102529 | 97.39773 | .1966111 | .1217076 |
| #2 | 2.053437 | .0088228 | .0102983 | 97.64258 | .1969116 | .1218780 |
| #3 | 2.044895 | .0090053 | .0101062 | 97.09852 | .1969172 | .1224138 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4707562 | 198.8299 | 9.053437 | 28.88747 | .2720406 | -.012094 |
| Stddev | .0048332 | .2537    | .029287  | .09747   | .0008690 | .000753  |
| %RSD   | 1.026696 | .1275901 | .3234912 | .3374293 | .3194259 | 6.227057 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4747366 | 199.0023 | 9.038881 | 28.86487 | .2730046 | -.012962 |
| #2 | .4721538 | 198.9489 | 9.087150 | 28.99426 | .2717999 | -.011703 |
| #3 | .4653781 | 198.5386 | 9.034279 | 28.80329 | .2713175 | -.011616 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7013281 | .2517980 | 2.031312 | 9.417056 | F 17.15773 | -.004669 |
| Stddev | .6735076 | .0106964 | .015029  | .114506  | .04043     | .005697  |
| %RSD   | 96.03318 | 4.247993 | .7398673 | 1.215946 | .2356385   | 122.0210 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1015706 | .2625293 | 2.040132 | 9.295763 | 17.19682 | .001533  |
| #2 | .5724519 | .2517277 | 2.013958 | 9.432123 | 17.11608 | -.005871 |
| #3 | 1.429962 | .2411369 | 2.039844 | 9.523284 | 17.16029 | -.009669 |

Sample Name: P5034-14      Acquired: 12/16/2024 0:53:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108295 | 5.046890 | 9.465685 | .1118580 | 1.176500 | .2391621 |
| Stddev | .0002755 | .016954  | .101449  | .0009362 | .000596  | .0010925 |
| %RSD   | 2.544198 | .3359249 | 1.071758 | .8369782 | .0506269 | .4567807 |
| #1     | .0105146 | 5.062498 | 9.363636 | .1112293 | 1.176668 | .2394384 |
| #2     | .0109481 | 5.049321 | 9.466895 | .1129340 | 1.175839 | .2400899 |
| #3     | .0110259 | 5.028853 | 9.566524 | .1114108 | 1.176994 | .2379581 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1957233 |
| Stddev | .0053607 |
| %RSD   | 2.738919 |
| #1     | .1925005 |
| #2     | .2019116 |
| #3     | .1927580 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2747.440 | 33512.39 | 3203.984 | 2342.745 | 3148.430 |
| Stddev    | 5.342    | 134.84   | 24.920   | 10.019   | 9.870    |
| %RSD      | .1944272 | .4023496 | .7777724 | .4276751 | .3134857 |
| #1        | 2741.645 | 33423.54 | 3232.016 | 2334.908 | 3137.341 |
| #2        | 2748.507 | 33446.09 | 3184.341 | 2339.293 | 3151.695 |
| #3        | 2752.168 | 33667.54 | 3195.596 | 2354.034 | 3156.253 |

Sample Name: P5034-15      Acquired: 12/16/2024 0:57:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1075730 | .0085899 | 1.784345 | .0004591 | .0265209 | 76.97264 |
| Stddev | .0027547 | .0023970 | .009456  | .0050170 | .0009036 | .18859   |
| %RSD   | 2.560813 | 27.90479 | .5299638 | 1092.869 | 3.407131 | .2450089 |
| #1     | .1102074 | .0097528 | 1.788546 | .0062520 | .0256842 | 76.87337 |
| #2     | .1047120 | .0101837 | 1.773516 | -.002476 | .0274791 | 76.85442 |
| #3     | .1077996 | .0058333 | 1.790974 | -.002399 | .0263996 | 77.19013 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.632952 | .0074552 | .0080758 | 68.84041 | .1623417 | .1016324 |
| Stddev | .006217  | .0000883 | .0000714 | .14608   | .0007895 | .0004750 |
| %RSD   | .3807088 | 1.184475 | .8837401 | .2122042 | .4863263 | .4673628 |
| #1     | 1.629437 | .0075107 | .0080018 | 68.94638 | .1621275 | .1021227 |
| #2     | 1.629289 | .0075015 | .0081443 | 68.67377 | .1632162 | .1011744 |
| #3     | 1.640130 | .0073533 | .0080812 | 68.90107 | .1616814 | .1016000 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4419063 | 160.5088 | 6.813291 | 23.88152 | .2138562 | -.009612 |
| Stddev | .0049252 | .4391    | .024497  | .14119   | .0014441 | .000374  |
| %RSD   | 1.114538 | .2735751 | .3595462 | .5912222 | .6752552 | 3.890488 |
| #1     | .4365811 | 160.0982 | 6.789629 | 23.88219 | .2151091 | -.010012 |
| #2     | .4462978 | 160.4566 | 6.811699 | 23.73999 | .2122768 | -.009554 |
| #3     | .4428399 | 160.9717 | 6.838545 | 24.02237 | .2141825 | -.009271 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4277382 | .2003362 | 1.837305 | 6.054032 | F 12.86000 | -.004463 |
| Stddev | .2221973 | .0021078 | .003480  | .099837  | .05632     | .002213  |
| %RSD   | 51.94703 | 1.052116 | .1894271 | 1.649094 | .4379249   | 49.58429 |
| #1     | .2012403 | .2006330 | 1.836527 | 6.168623 | 12.89022   | -.006704 |
| #2     | .4366050 | .1980957 | 1.841108 | 5.985833 | 12.79502   | -.002279 |
| #3     | .6453694 | .2022798 | 1.834279 | 6.007638 | 12.89476   | -.004407 |



Sample Name: P5034-15      Acquired: 12/16/2024 0:57:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108784 | 3.580975 | 8.080595 | .0920010 | .8139628 | .2100990 |
| Stddev | .0000938 | .019943  | .025765  | .0011469 | .0041584 | .0011442 |
| %RSD   | .8621551 | .5569156 | .3188483 | 1.246639 | .5108864 | .5445821 |
| #1     | .0108369 | 3.585867 | 8.058652 | .0933069 | .8108349 | .2090612 |
| #2     | .0108126 | 3.559041 | 8.108965 | .0911576 | .8123716 | .2099098 |
| #3     | .0109858 | 3.598017 | 8.074169 | .0915384 | .8186818 | .2113259 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1671743 |
| Stddev | .0068765 |
| %RSD   | 4.113347 |
| #1     | .1595484 |
| #2     | .1690712 |
| #3     | .1729031 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2701.365 | 32691.05 | 3119.759 | 2276.004 | 3221.683 |
| Stddev    | 9.723    | 139.91   | 18.303   | 5.709    | 7.728    |
| %RSD      | .3599433 | .4279754 | .5866928 | .2508436 | .2398599 |
| #1        | 2712.393 | 32704.61 | 3131.612 | 2272.376 | 3226.445 |
| #2        | 2697.677 | 32823.68 | 3128.987 | 2282.585 | 3225.836 |
| #3        | 2694.025 | 32544.85 | 3098.679 | 2273.051 | 3212.767 |

Sample Name: CCV034      Acquired: 12/16/2024 1:10:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV034      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.877388 | 4.692970 | 23.68058 | 4.567165 | 4.655977 | 377.4860 | 9.684380 |
| Stddev | .004327  | .011348  | .06324   | .024648  | .013198  | 2.7813   | .078811  |
| %RSD   | .0887169 | .2418122 | .2670654 | .5396770 | .2834653 | .7367967 | .8137946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.882379 | 4.700726 | 23.69547 | 4.542264 | 4.641898 | 374.5191 | 9.597460 |
| #2 | 4.874681 | 4.679945 | 23.61123 | 4.567681 | 4.657962 | 377.9047 | 9.704500 |
| #3 | 4.875106 | 4.698238 | 23.73505 | 4.591551 | 4.668069 | 380.0342 | 9.751181 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.724303 | 2.381797 | 386.7878 | 14.63811 | 2.390258 | 14.35341 | 382.9220 |
| Stddev | .0015987 | .005636  | 2.4696   | .03533   | .005517  | .14870   | 2.7520   |
| %RSD   | .3383964 | .2366167 | .6384768 | .2413327 | .2308158 | 1.035962 | .7186935 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.728816 | 2.382872 | 384.1498 | 14.61950 | 2.391829 | 14.18649 | 379.8500 |
| #2 | 4.706545 | 2.375701 | 387.1691 | 14.61599 | 2.384126 | 14.40205 | 383.7537 |
| #3 | 4.737549 | 2.386817 | 389.0445 | 14.67886 | 2.394820 | 14.47170 | 385.1622 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.03506 | 377.2298 | 2.393853 | 1.191130 | 380.3358 | 2.342397 | 14.73281 |
| Stddev | .11819   | 3.0746   | .007460  | .004473  | 3.4630   | .007966  | .13756   |
| %RSD   | .8421185 | .8150585 | .3116338 | .3755182 | .9105181 | .3400923 | .9336939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.90553 | 373.7221 | 2.395558 | 1.185973 | 376.3835 | 2.336040 | 14.58638 |
| #2 | 14.06258 | 378.5088 | 2.385688 | 1.193960 | 381.7854 | 2.339818 | 14.85932 |
| #3 | 14.13706 | 379.4585 | 2.400314 | 1.193456 | 382.8384 | 2.351333 | 14.75273 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 144.7533 | 4.794614 | 4.614524 | 4.580286 | 4.850379 | 4.702266 | 4.801805 |
| Stddev | .9847    | .011572  | .007235  | .009022  | .022419  | .012044  | .016985  |
| %RSD   | .6802630 | .2413556 | .1567863 | .1969664 | .4622170 | .2561297 | .3537213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 143.6165 | 4.800282 | 4.608363 | 4.570959 | 4.840844 | 4.703684 | 4.799429 |
| #2 | 145.3002 | 4.781300 | 4.612720 | 4.580931 | 4.834303 | 4.689575 | 4.786133 |
| #3 | 145.3432 | 4.802259 | 4.622491 | 4.588968 | 4.875989 | 4.713538 | 4.819853 |

Sample Name: CCV034      Acquired: 12/16/2024 1:10:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV034      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.754263 | 4.548710 | 4.958323 |
| Stddev | .041527  | .042181  | .056924  |
| %RSD   | .8734639 | .9273178 | 1.148041 |
| #1     | 4.707000 | 4.501204 | 4.893979 |
| #2     | 4.770887 | 4.563156 | 4.978869 |
| #3     | 4.784903 | 4.581770 | 5.002121 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1985.500 | 25910.93 | 2618.098 | 1712.081 | 2605.536 |
| Stddev    | 2.401    | 63.70    | 13.527   | 2.589    | 7.896    |
| %RSD      | .1209072 | .2458352 | .5166880 | .1512001 | .3030517 |
| #1        | 1986.884 | 25948.40 | 2621.303 | 1711.112 | 2600.953 |
| #2        | 1986.889 | 25947.00 | 2629.735 | 1715.014 | 2614.654 |
| #3        | 1982.728 | 25837.38 | 2603.256 | 1710.116 | 2601.002 |

Sample Name: CCB034      Acquired: 12/16/2024 1:13:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB034      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003512</b> | <b>.0011630</b> | <b>.0010343</b> | <b>-.003453</b> | <b>-.003121</b> | <b>-.003373</b> |
| Stddev | .001152         | .0009743        | .0016755        | .005615         | .002218         | .004732         |
| %RSD   | 32.80294        | 83.77131        | 162.0018        | 162.6054        | 71.07202        | 140.2987        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004704</b> | <b>.0001669</b> | <b>.0019474</b> | <b>-.005007</b> | <b>-.004647</b> | <b>.000030</b>  |
| #2 | <b>-.003428</b> | <b>.0021140</b> | <b>.0020549</b> | <b>.002775</b>  | <b>-.000577</b> | <b>-.001372</b> |
| #3 | <b>-.002404</b> | <b>.0012082</b> | <b>-.000899</b> | <b>-.008128</b> | <b>-.004138</b> | <b>-.008777</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0009457</b> | <b>.0000632</b> | <b>.0000197</b> | <b>-.007759</b> | <b>.0004376</b> | <b>-.000103</b> |
| Stddev | .0010385        | .0001441        | .0000486        | .052513         | .0001746        | .000321         |
| %RSD   | 109.8142        | 227.9948        | 247.3475        | 676.7813        | 39.89946        | 310.1712        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0009754</b> | <b>-.000049</b> | <b>.0000672</b> | <b>.041565</b>  | <b>.0005875</b> | <b>-.000343</b> |
| #2 | <b>-.000107</b> | <b>.000013</b>  | <b>.0000218</b> | <b>-.001878</b> | <b>.0004794</b> | <b>.000261</b>  |
| #3 | <b>.001969</b>  | <b>.000226</b>  | <b>-.000030</b> | <b>-.062965</b> | <b>.0002459</b> | <b>-.000228</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003088</b> | <b>-.008792</b> | <b>.0009327</b> | <b>.0396013</b> | <b>.0004204</b> | <b>.0000972</b> |
| Stddev | .000288         | .009677         | .0016485        | .0629004        | .0009170        | .0009862        |
| %RSD   | 9.329751        | 110.0609        | 176.7491        | 158.8341        | 218.1229        | 1014.319        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002816</b> | <b>-.008162</b> | <b>.0026513</b> | <b>.0609510</b> | <b>-.000417</b> | <b>.0006982</b> |
| #2 | <b>-.003057</b> | <b>.000554</b>  | <b>-.000635</b> | <b>-.031195</b> | <b>.001400</b>  | <b>-.001041</b> |
| #3 | <b>-.003390</b> | <b>-.018769</b> | <b>.000782</b>  | <b>.089048</b>  | <b>.000278</b>  | <b>.000634</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.782416</b> | <b>-.015147</b> | <b>-.007498</b> | <b>.9564078</b> | <b>.0007505</b> | <b>.0105304</b> |
| Stddev | .220966         | .004341         | .004838         | .2041207        | .0025677        | .0012539        |
| %RSD   | 28.24148        | 28.66127        | 64.51526        | 21.34243        | 342.1320        | 11.90751        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.980189</b> | <b>-.016279</b> | <b>-.010567</b> | <b>.9839242</b> | <b>-.001867</b> | <b>.0119188</b> |
| #2 | <b>-.823139</b> | <b>-.010352</b> | <b>-.010006</b> | <b>.7399248</b> | <b>.003265</b>  | <b>.0094805</b> |
| #3 | <b>-.543922</b> | <b>-.018810</b> | <b>-.001922</b> | <b>1.145375</b> | <b>.000854</b>  | <b>.0101918</b> |

Sample Name: CCB034      Acquired: 12/16/2024 1:13:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB034      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000104 | -.004235 | .0018573 | -.000008 | .0005059 | .0002961 |
| Stddev | .000460  | .004943  | .0015712 | .001442  | .0007908 | .0000720 |
| %RSD   | 441.7568 | 116.7199 | 84.59206 | 17893.86 | 156.2933 | 24.31300 |
| #1     | -.000134 | -.001384 | .0031287 | .001569  | .0014032 | .0002408 |
| #2     | -.000548 | -.009942 | .0023425 | -.001258 | .0002039 | .0002700 |
| #3     | .000370  | -.001378 | .0001008 | -.000336 | -.000089 | .0003774 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0266391 |
| Stddev | .0076965   |
| %RSD   | 28.89190   |
| #1     | .0231266   |
| #2     | .0354652   |
| #3     | .0213254   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2360.664 | 28543.76 | 2676.826 | 1983.522 | 3269.339 |
| Stddev    | 5.259    | 69.75    | 20.677   | 6.017    | 4.560    |
| %RSD      | .2227638 | .2443485 | .7724612 | .3033744 | .1394880 |
| #1        | 2364.394 | 28511.04 | 2673.094 | 1976.608 | 3272.350 |
| #2        | 2362.948 | 28496.39 | 2699.115 | 1987.577 | 3271.575 |
| #3        | 2354.649 | 28623.85 | 2658.268 | 1986.380 | 3264.093 |

Sample Name: P5034-16      Acquired: 12/16/2024 1:17:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1494901 | .0147204 | 1.735663 | .0095857 | .0365284 | 97.30369 |
| Stddev | .0035862 | .0003422 | .004544  | .0016820 | .0022544 | .19383   |
| %RSD   | 2.398945 | 2.324551 | .2617887 | 17.54733 | 6.171696 | .1992015 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1508839 | .0143441 | 1.736080 | .0115069 | .0341018 | 97.44825 |
| #2 | .1521702 | .0148041 | 1.730925 | .0083780 | .0385579 | 97.37940 |
| #3 | .1454163 | .0150129 | 1.739984 | .0088723 | .0369254 | 97.08344 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.152436 | .0091330 | .0100842 | 80.69547 | .1885397 | .1268227 |
| Stddev | .002717  | .0000514 | .0000108 | .27207   | .0005338 | .0003615 |
| %RSD   | .1262501 | .5624280 | .1070010 | .3371581 | .2831297 | .2850809 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.150900 | .0091812 | .0100906 | 80.61892 | .1891488 | .1266633 |
| #2 | 2.155574 | .0091388 | .0100717 | 80.99761 | .1881531 | .1265683 |
| #3 | 2.150835 | .0090790 | .0100902 | 80.46987 | .1883172 | .1272366 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4715342 | 208.1266 | 9.658136 | 29.16675 | .2506658 | -.013712 |
| Stddev | .0032514 | .0519    | .015062  | .06680   | .0006958 | .001691  |
| %RSD   | .6895432 | .0249151 | .1559525 | .2290325 | .2775846 | 12.33026 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4752194 | 208.1845 | 9.674553 | 29.22190 | .2510300 | -.015502 |
| #2 | .4690703 | 208.1106 | 9.654898 | 29.09247 | .2511038 | -.013495 |
| #3 | .4703128 | 208.0846 | 9.644955 | 29.18588 | .2498634 | -.012141 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2381420 | .2582450 | 1.707110 | 6.697820 | F 15.21154 | -.010229 |
| Stddev | .4485095 | .0111027 | .011772  | .113931  | .05432     | .004411  |
| %RSD   | 188.3370 | 4.299300 | .6895929 | 1.701012 | .3571238   | 43.12031 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.275844 | .2700750 | 1.715960 | 6.597546 | 15.17709 | -.006399 |
| #2 | .440136  | .2480511 | 1.693750 | 6.674206 | 15.18337 | -.015051 |
| #3 | .550134  | .2566090 | 1.711621 | 6.821707 | 15.27416 | -.009236 |

Sample Name: P5034-16      Acquired: 12/16/2024 1:17:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0100600 | 3.714007 | 9.161503 | .0796207 | .8423528 | .2142207 |
| Stddev | .0001622 | .017200  | .038023  | .0024201 | .0062835 | .0008097 |
| %RSD   | 1.612207 | .4631242 | .4150262 | 3.039551 | .7459419 | .3779955 |
| #1     | .0101820 | 3.694179 | 9.178296 | .0769140 | .8490146 | .2151309 |
| #2     | .0098759 | 3.724920 | 9.188238 | .0803722 | .8415114 | .2139510 |
| #3     | .0101221 | 3.722922 | 9.117975 | .0815760 | .8365325 | .2135802 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .2030574 |
| Stddev | .0030922 |
| %RSD   | 1.522814 |
| #1     | .2013151 |
| #2     | .2066277 |
| #3     | .2012296 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2809.911 | 34038.58 | 3260.998 | 2385.556 | 3168.201 |
| Stddev    | 3.520    | 71.96    | 9.553    | 3.284    | 5.101    |
| %RSD      | .1252779 | .2114021 | .2929575 | .1376806 | .1610170 |
| #1        | 2806.022 | 34121.52 | 3263.840 | 2389.097 | 3162.547 |
| #2        | 2810.832 | 34001.47 | 3250.346 | 2384.960 | 3169.596 |
| #3        | 2812.880 | 33992.75 | 3268.807 | 2382.610 | 3172.460 |

Sample Name: P5034-17      Acquired: 12/16/2024 1:21:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1183133 | .0194782 | .7600752 | .0039143 | .0302042 | 100.4171 |
| Stddev | .0048937 | .0014382 | .0065319 | .0010833 | .0013638 | .2613    |
| %RSD   | 4.136260 | 7.383491 | .8593721 | 27.67667 | 4.515269 | .2601971 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1167519 | .0189018 | .7654581 | .0041532 | .0294115 | 100.6912 |
| #2 | .1237972 | .0211152 | .7528084 | .0027314 | .0317790 | 100.1709 |
| #3 | .1143908 | .0184177 | .7619591 | .0048582 | .0294222 | 100.3891 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.762471 | .0089216 | .0086653 | 97.53369 | .2113272 | .1174361 |
| Stddev | .005810  | .0002186 | .0001588 | .12655   | .0008562 | .0008027 |
| %RSD   | .3296664 | 2.450529 | 1.832031 | .1297543 | .4051455 | .6835622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.768015 | .0090226 | .0087486 | 97.59477 | .2113987 | .1172047 |
| #2 | 1.756427 | .0086707 | .0087651 | 97.38818 | .2104375 | .1167745 |
| #3 | 1.762972 | .0090715 | .0084822 | 97.61811 | .2121454 | .1183291 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2524372 | 187.6454 | 9.069418 | 30.78370 | .2157990 | -.011550 |
| Stddev | .0027809 | .2553    | .017318  | .17268   | .0014448 | .000691  |
| %RSD   | 1.101642 | .1360679 | .1909464 | .5609462 | .6695057 | 5.978324 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2497395 | 187.7432 | 9.061840 | 30.96053 | .2157597 | -.010806 |
| #2 | .2522774 | 187.3556 | 9.057181 | 30.61550 | .2143742 | -.011674 |
| #3 | .2552946 | 187.8373 | 9.089233 | 30.77508 | .2172630 | -.012171 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4366241 | .2232596 | .9548689 | 5.939837 | F 13.17765 | -.013893 |
| Stddev | .9020197 | .0123914 | .0238999 | .015238  | .05845     | .001527  |
| %RSD   | 206.5895 | 5.550200 | 2.502951 | .2565409 | .4435629   | 10.99398 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.473651 | .2110027 | .9722818 | 5.952881 | 13.17517 | -.012553 |
| #2 | -.165976 | .2357812 | .9647041 | 5.943541 | 13.12048 | -.013569 |
| #3 | .002197  | .2229950 | .9276206 | 5.923088 | 13.23730 | -.015556 |



Sample Name: P5034-17      Acquired: 12/16/2024 1:21:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089522 | 4.096738 | 8.545420 | .0467871 | .7244627 | .2146562 |
| Stddev | .0006842 | .021965  | .100127  | .0014807 | .0034212 | .0005950 |
| %RSD   | 7.643367 | .5361696 | 1.171703 | 3.164649 | .4722329 | .2772068 |
| #1     | .0083274 | 4.108866 | 8.514569 | .0452700 | .7234174 | .2149528 |
| #2     | .0088458 | 4.071382 | 8.464350 | .0468629 | .7282845 | .2139712 |
| #3     | .0096834 | 4.109966 | 8.657342 | .0482284 | .7216861 | .2150447 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .2056410 |
| Stddev | .0117457 |
| %RSD   | 5.711730 |
| #1     | .1934724 |
| #2     | .2065384 |
| #3     | .2169123 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2928.022 | 35353.09 | 3350.824 | 2489.368 | 3163.783 |
| Stddev    | 8.015    | 81.37    | 29.483   | 16.546   | 8.762    |
| %RSD      | .2737278 | .2301643 | .8798759 | .6646741 | .2769420 |
| #1        | 2937.102 | 35261.58 | 3351.891 | 2472.760 | 3172.583 |
| #2        | 2925.033 | 35380.38 | 3379.760 | 2489.492 | 3163.706 |
| #3        | 2921.932 | 35417.31 | 3320.823 | 2505.852 | 3155.060 |

Sample Name: P5034-18      Acquired: 12/16/2024 1:25:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0761791 | .0227194 | .3777044 | -.012312 | .0259915 | 83.06281 | 1.386218 |
| Stddev | .0057027 | .0034252 | .0011868 | .004472  | .0027827 | .54112   | .008484  |
| %RSD   | 7.485920 | 15.07621 | .3142066 | 36.32160 | 10.70611 | .6514617 | .6120394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0770049 | .0265129 | .3769893 | -.009183 | .0262815 | 82.92377 | 1.383036 |
| #2 | .0701085 | .0198534 | .3790744 | -.017434 | .0230752 | 83.65989 | 1.395833 |
| #3 | .0814239 | .0217920 | .3770496 | -.010318 | .0286179 | 82.60478 | 1.379785 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072002 | .0063078 | 168.2750 | .1896712 | .1101111 | .1881450 | 172.8904 |
| Stddev | .0000933 | .0000971 | 1.3517   | .0009065 | .0006398 | .0064001 | .6739    |
| %RSD   | 1.295298 | 1.538910 | .8032835 | .4779446 | .5810253 | 3.401702 | .3897572 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072639 | .0062626 | 167.8059 | .1904790 | .1104084 | .1807567 | 172.7544 |
| #2 | .0072435 | .0064192 | 169.7988 | .1898439 | .1105481 | .1916916 | 173.6218 |
| #3 | .0070931 | .0062416 | 167.2203 | .1886907 | .1093768 | .1919866 | 172.2949 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.872222 | 40.23176 | .2037050 | -.012533 | .0747573 | .1783441 | .6201761 |
| Stddev | .039857  | .19477   | .0006092 | .000421  | .3759150 | .0045120 | .0110113 |
| %RSD   | .5063034 | .4841218 | .2990634 | 3.361537 | 502.8471 | 2.529921 | 1.775506 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.853211 | 40.04617 | .2041218 | -.012440 | -.277305 | .1769892 | .6252194 |
| #2 | 7.918026 | 40.43457 | .2039873 | -.012993 | .470678  | .1833782 | .6277624 |
| #3 | 7.845430 | 40.21453 | .2030058 | -.012167 | .030899  | .1746648 | .6075464 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.146242 | 9.828551 | -.012261 | .0079847 | 2.571092 | 6.198647 | .0316788 |
| Stddev | .192181  | .017450  | .002931  | .0002988 | .009240  | .047609  | .0023646 |
| %RSD   | 4.635056 | .1775470 | 23.90958 | 3.742050 | .3593807 | .7680581 | 7.464393 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.323229 | 9.824426 | -.015325 | .0082752 | 2.581007 | 6.244641 | .0329974 |
| #2 | 4.173679 | 9.847694 | -.011974 | .0076783 | 2.569548 | 6.201727 | .0289489 |
| #3 | 3.941817 | 9.813533 | -.009483 | .0080005 | 2.562721 | 6.149572 | .0330901 |

Sample Name: P5034-18      Acquired: 12/16/2024 1:25:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7810234 | .1468490 | .1782510 |
| Stddev | .0033136 | .0010509 | .0041188 |
| %RSD   | .4242630 | .7156241 | 2.310658 |
| #1     | .7799526 | .1465702 | .1800537 |
| #2     | .7847400 | .1480111 | .1735383 |
| #3     | .7783776 | .1459656 | .1811612 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2845.295 | 34398.93 | 3298.380 | 2391.734 | 3101.740 |
| Stddev    | 8.357    | 83.50    | 12.652   | 3.369    | 10.262   |
| %RSD      | .2937158 | .2427263 | .3835752 | .1408603 | .3308560 |
| #1        | 2854.917 | 34486.28 | 3288.736 | 2388.922 | 3112.767 |
| #2        | 2839.845 | 34390.61 | 3293.699 | 2390.812 | 3092.468 |
| #3        | 2841.124 | 34319.91 | 3312.705 | 2395.468 | 3099.987 |

Sample Name: P5034-19      Acquired: 12/16/2024 1:29:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0501824 | .0307673 | .1665518 | -.022573 | .0167866 | 67.12606 | .9272823 |
| Stddev | .0027298 | .0021426 | .0015494 | .003032  | .0013268 | .39497   | .0047363 |
| %RSD   | 5.439742 | 6.963779 | .9302560 | 13.43046 | 7.904085 | .5884003 | .5107730 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0528946 | .0332208 | .1658690 | -.020931 | .0178406 | 66.68235 | .9227580 |
| #2 | .0474354 | .0298161 | .1654612 | -.026072 | .0152967 | 67.25656 | .9268835 |
| #3 | .0502171 | .0292650 | .1683253 | -.020716 | .0172225 | 67.43926 | .9322054 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047400 | .0034957 | 343.7112 | .1117653 | .1145772 | .1320710 | 159.7905 |
| Stddev | .0001930 | .0000536 | 1.6021   | .0006766 | .0002973 | .0087008 | .9700    |
| %RSD   | 4.071769 | 1.534443 | .4661280 | .6053337 | .2594480 | 6.587966 | .6070313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045173 | .0035323 | 341.8880 | .1111884 | .1142370 | .1374255 | 158.9230 |
| #2 | .0048584 | .0035207 | 344.3507 | .1125100 | .1147075 | .1220316 | 159.6107 |
| #3 | .0048442 | .0034341 | 344.8947 | .1115976 | .1147870 | .1367559 | 160.8378 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.36662 | 79.67079 | .2143671 | -.012455 | -.603852 | .1398226 | .3160640 |
| Stddev | .06484   | .49787   | .0018336 | .000666  | .367413  | .0059614 | .0108701 |
| %RSD   | .6254229 | .6249033 | .8553416 | 5.345559 | 60.84494 | 4.263542 | 3.439206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.31034 | 79.17468 | .2126619 | -.011825 | -.776571 | .1426158 | .3279248 |
| #2 | 10.35200 | 79.66731 | .2141330 | -.013152 | -.181905 | .1329774 | .3065769 |
| #3 | 10.43751 | 80.17039 | .2163065 | -.012389 | -.853079 | .1438746 | .3136904 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.014509 | 5.898902 | -.016503 | .0069489 | .6510419 | 7.120730 | .0215055 |
| Stddev | .119446  | .033270  | .001865  | .0005327 | .0035038 | .087742  | .0010572 |
| %RSD   | 2.975370 | .5640021 | 11.30003 | 7.665587 | .5381789 | 1.232207 | 4.915965 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.063395 | 5.868383 | -.014575 | .0069600 | .6482376 | 7.026349 | .0208916 |
| #2 | 3.878374 | 5.893956 | -.018298 | .0074759 | .6499186 | 7.136018 | .0208986 |
| #3 | 4.101758 | 5.934368 | -.016636 | .0064107 | .6549696 | 7.199824 | .0227262 |

Sample Name: P5034-19      Acquired: 12/16/2024 1:29:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.045570 | .3116460 | .1776932 |
| Stddev | .013827  | .0013571 | .0012846 |
| %RSD   | 1.322390 | .4354658 | .7229021 |
| #1     | 1.031097 | .3101178 | .1790675 |
| #2     | 1.046968 | .3121094 | .1765228 |
| #3     | 1.058644 | .3127107 | .1774891 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2575.929 | 31480.32 | 2998.894 | 2174.918 | 3000.271 |
| Stddev    | 8.014    | 206.34   | 37.136   | 14.214   | 1.788    |
| %RSD      | .3111125 | .6554484 | 1.238331 | .6535300 | .0596076 |
| #1        | 2566.686 | 31390.87 | 3030.448 | 2170.023 | 2999.404 |
| #2        | 2580.162 | 31716.29 | 3008.264 | 2190.933 | 3002.327 |
| #3        | 2580.939 | 31333.80 | 2957.970 | 2163.799 | 2999.081 |

Sample Name: P5034-20      Acquired: 12/16/2024 1:33:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0532195 | .0320776 | .1358837 | -.016876 | .0213336 | 76.70597 | 1.310430 |
| Stddev | .0026055 | .0010373 | .0012971 | .004485  | .0032635 | .57383   | .008258  |
| %RSD   | 4.895675 | 3.233668 | .9545964 | 26.57818 | 15.29725 | .7480899 | .6301643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0560452 | .0320949 | .1344735 | -.021645 | .0176983 | 76.29265 | 1.305092 |
| #2 | .0509121 | .0310317 | .1361517 | -.012742 | .0240107 | 76.46413 | 1.306256 |
| #3 | .0527014 | .0331060 | .1370259 | -.016241 | .0222920 | 77.36113 | 1.319942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051095 | .0039863 | 354.6246 | .1204356 | .1274986 | .1704690 | 178.5128 |
| Stddev | .0002318 | .0000535 | 3.0264   | .0003532 | .0004894 | .0074649 | 1.3602   |
| %RSD   | 4.537337 | 1.341363 | .8534088 | .2933130 | .3838657 | 4.379016 | .7619614 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049748 | .0039263 | 352.6425 | .1201008 | .1269551 | .1688060 | 177.4270 |
| #2 | .0049766 | .0040040 | 353.1231 | .1204013 | .1279045 | .1786251 | 178.0728 |
| #3 | .0053772 | .0040287 | 358.1081 | .1208048 | .1276363 | .1639758 | 180.0385 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.14626 | 89.40286 | .2460564 | -.013905 | -.456287 | .1529898 | .3403527 |
| Stddev | .11908   | .78378   | .0017478 | .000416  | .607764  | .0043018 | .0083621 |
| %RSD   | .9058311 | .8766877 | .7103325 | 2.992723 | 133.1977 | 2.811821 | 2.456886 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.05436 | 88.95060 | .2450528 | -.013559 | -.222724 | .1516814 | .3355184 |
| #2 | 13.10363 | 88.95008 | .2450418 | -.013789 | .000049  | .1577939 | .3355313 |
| #3 | 13.28079 | 90.30789 | .2480746 | -.014367 | -1.14619 | .1494941 | .3500084 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.420199 | 6.170852 | -.019811 | .0030473 | .5677543 | 7.701563 | .0226017 |
| Stddev | .183663  | .036630  | .002133  | .0001539 | .0022677 | .085307  | .0002634 |
| %RSD   | 3.388492 | .5935954 | 10.76685 | 5.049885 | .3994153 | 1.107658 | 1.165242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.223398 | 6.134246 | -.017571 | .0030798 | .5669329 | 7.645818 | .0228526 |
| #2 | 5.450160 | 6.170803 | -.020045 | .0031824 | .5703183 | 7.659103 | .0226252 |
| #3 | 5.587040 | 6.207506 | -.021818 | .0028798 | .5660118 | 7.799768 | .0223274 |

Sample Name: P5034-20      Acquired: 12/16/2024 1:33:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.191994 | .3411278 | .2039475 |
| Stddev | .008296  | .0027935 | .0033230 |
| %RSD   | .6959616 | .8188884 | 1.629329 |
| #1     | 1.184425 | .3387594 | .2070774 |
| #2     | 1.190693 | .3404155 | .2004603 |
| #3     | 1.200863 | .3442084 | .2043047 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2575.726 | 31386.03 | 3010.446 | 2175.397 | 2965.174 |
| Stddev    | 8.229    | 167.78   | 24.510   | 14.303   | 15.291   |
| %RSD      | .3194772 | .5345591 | .8141645 | .6574908 | .5156887 |
| #1        | 2581.025 | 31571.59 | 3027.737 | 2191.873 | 2974.097 |
| #2        | 2579.906 | 31245.03 | 3021.204 | 2168.149 | 2973.907 |
| #3        | 2566.246 | 31341.46 | 2982.397 | 2166.168 | 2947.518 |

Sample Name: P5034-21      Acquired: 12/16/2024 1:36:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0516798 | .0347181 | .1314163 | -.021155 | .0237921 | 74.94761 | 1.229086 |
| Stddev | .0035311 | .0014089 | .0003056 | .004386  | .0038424 | .14641   | .003302  |
| %RSD   | 6.832622 | 4.058163 | .2325563 | 20.73215 | 16.14976 | .1953504 | .2686356 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0484379 | .0335497 | .1310991 | -.022196 | .0260713 | 75.00886 | 1.226362 |
| #2 | .0511592 | .0362827 | .1314409 | -.024926 | .0259492 | 74.78053 | 1.228137 |
| #3 | .0554423 | .0343220 | .1317088 | -.016342 | .0193559 | 75.05346 | 1.232758 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050475 | .0038796 | 351.2322 | .1141224 | .1295654 | .1643966 | 180.2798 |
| Stddev | .0001088 | .0000197 | 1.0630   | .0011319 | .0010660 | .0047097 | .5029    |
| %RSD   | 2.154503 | .5070617 | .3026544 | .9917832 | .8227530 | 2.864831 | .2789605 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050965 | .0038816 | 351.2894 | .1140286 | .1297078 | .1654915 | 180.0033 |
| #2 | .0051231 | .0038589 | 350.1418 | .1152982 | .1284354 | .1592359 | 179.9758 |
| #3 | .0049228 | .0038981 | 352.2655 | .1130403 | .1305531 | .1684623 | 180.8603 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.79293 | 87.96985 | .2419557 | -.013483 | -.476573 | .1560838 | .3209644 |
| Stddev | .02661   | .23863   | .0008211 | .000546  | .343031  | .0043533 | .0168299 |
| %RSD   | .2079966 | .2712665 | .3393698 | 4.047525 | 71.97876 | 2.789093 | 5.243544 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.76894 | 87.81253 | .2426546 | -.013010 | -.821818 | .1526116 | .3015556 |
| #2 | 12.78831 | 87.85260 | .2410514 | -.013359 | -.472102 | .1609678 | .3315174 |
| #3 | 12.82155 | 88.24443 | .2421613 | -.014081 | -.135799 | .1546721 | .3298201 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.447189 | 6.044446 | -.020924 | .0034998 | .4735447 | 6.374242 | .0233599 |
| Stddev | .073612  | .017423  | .005355  | .0005133 | .0099239 | .063261  | .0015478 |
| %RSD   | 1.351373 | .2882425 | 25.59348 | 14.66597 | 2.095661 | .9924427 | 6.626004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.369546 | 6.051152 | -.021971 | .0031509 | .4639958 | 6.417642 | .0246634 |
| #2 | 5.456054 | 6.024667 | -.025678 | .0040892 | .4728331 | 6.403425 | .0237671 |
| #3 | 5.515967 | 6.057519 | -.015122 | .0032594 | .4838053 | 6.301657 | .0216492 |



Sample Name: P5034-21      Acquired: 12/16/2024 1:36:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.245277 | .3291638 | .1940918 |
| Stddev | .005718  | .0006233 | .0016832 |
| %RSD   | .4591762 | .1893470 | .8671990 |
| #1     | 1.239068 | .3284671 | .1923521 |
| #2     | 1.246435 | .3293556 | .1942111 |
| #3     | 1.250327 | .3296685 | .1957121 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2572.597 | 31322.41 | 3016.947 | 2183.762 | 2971.885 |
| Stddev    | 5.805    | 249.57   | 7.792    | 14.943   | 10.833   |
| %RSD      | .2256456 | .7967639 | .2582737 | .6842681 | .3645195 |
| #1        | 2572.453 | 31528.97 | 3007.956 | 2199.671 | 2969.335 |
| #2        | 2578.472 | 31393.15 | 3021.732 | 2181.591 | 2983.765 |
| #3        | 2566.865 | 31045.11 | 3021.152 | 2170.023 | 2962.554 |

Sample Name: P5034-22      Acquired: 12/16/2024 1:40:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0499430 | .0404331 | .1571125 | -.027468 | .0178778 | 53.30450 | 1.130630 |
| Stddev | .0064704 | .0021320 | .0028068 | .003167  | .0018683 | .16884   | .003795  |
| %RSD   | 12.95556 | 5.272940 | 1.786491 | 11.52820 | 10.45057 | .3167485 | .3356594 |
| #1     | .0471206 | .0411954 | .1603294 | -.029215 | .0169504 | 53.22515 | 1.131901 |
| #2     | .0453632 | .0420791 | .1551621 | -.023813 | .0166546 | 53.49841 | 1.133627 |
| #3     | .0573451 | .0380247 | .1558461 | -.029376 | .0200284 | 53.18996 | 1.126363 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046256 | .0057100 | 745.8807 | .1015560 | .1136182 | .1642806 | 166.6062 |
| Stddev | .0001374 | .0000257 | 1.6138   | .0009198 | .0009205 | .0043564 | .5785    |
| %RSD   | 2.970155 | .4502682 | .2163600 | .9057287 | .8101361 | 2.651788 | .3472256 |
| #1     | .0044926 | .0056936 | 745.1554 | .1024915 | .1139202 | .1681217 | 166.1142 |
| #2     | .0047670 | .0057397 | 747.7298 | .1006527 | .1125847 | .1595472 | 167.2435 |
| #3     | .0046172 | .0056969 | 744.7568 | .1015237 | .1143498 | .1651729 | 166.4611 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.83156 | 132.4586 | .1760063 | -.013326 | .1706203 | .1393143 | .3650914 |
| Stddev | .06691   | .4018    | .0003791 | .000652  | .4266697 | .0027267 | .0106104 |
| %RSD   | .4837536 | .3033266 | .2153639 | 4.892376 | 250.0697 | 1.957213 | 2.906231 |
| #1     | 13.78087 | 132.3898 | .1755689 | -.012682 | .0718038 | .1374373 | .3689386 |
| #2     | 13.90740 | 132.8903 | .1762104 | -.013985 | -.197971 | .1424420 | .3732415 |
| #3     | 13.80642 | 132.0956 | .1762395 | -.013312 | .638028  | .1380637 | .3530941 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.757752 | 5.393385 | .0183931 | .0006325 | 1.235233 | 6.159779 | .0269797 |
| Stddev | .099713  | .021110  | .0023052 | .0005065 | .004846  | .020726  | .0013868 |
| %RSD   | 1.285336 | .3913989 | 12.53294 | 80.08506 | .3922771 | .3364774 | 5.140150 |
| #1     | 7.782478 | 5.385237 | .0210538 | .0004254 | 1.235846 | 6.139644 | .0283097 |
| #2     | 7.842776 | 5.377564 | .0169962 | .0012098 | 1.230111 | 6.181050 | .0255424 |
| #3     | 7.648002 | 5.417355 | .0171293 | .0002623 | 1.239743 | 6.158645 | .0270870 |

Sample Name: P5034-22      Acquired: 12/16/2024 1:40:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKP9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.190585 | .5132295 | .1702511 |
| Stddev | .003189  | .0019356 | .0038704 |
| %RSD   | .2678762 | .3771510 | 2.273331 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.191229 | .5125915 | .1723702 |
| #2 | 1.193403 | .5154037 | .1657840 |
| #3 | 1.187123 | .5116935 | .1725993 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2528.940 | 30683.30 | 3028.357 | 2127.678 | 2792.833 |
| Stddev    | 12.969   | 120.64   | 21.186   | 8.419    | 10.716   |
| %RSD      | .5128310 | .3931673 | .6996037 | .3956709 | .3836879 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2541.454 | 30821.64 | 3052.345 | 2136.586 | 2802.002 |
| #2 | 2529.806 | 30628.22 | 3020.520 | 2126.596 | 2795.443 |
| #3 | 2515.559 | 30600.03 | 3012.205 | 2119.853 | 2781.053 |

Sample Name: P5028-01      Acquired: 12/16/2024 1:44:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0458291 | .0406356 | .7941011 | -.050835 | -.002506 | 30.14463 |
| Stddev | .0036638 | .0026017 | .0100573 | .004413  | .003007  | .24511   |
| %RSD   | 7.994566 | 6.402529 | 1.266501 | 8.681316 | 120.0009 | .8131228 |
| #1     | .0466783 | .0397168 | .8043795 | -.047858 | .000660  | 30.22305 |
| #2     | .0418153 | .0386179 | .7842806 | -.048742 | -.002853 | 29.86990 |
| #3     | .0489939 | .0435720 | .7936433 | -.055906 | -.005325 | 30.34093 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4673939 | .0028033 | .0048345 | F 1122.600 | .0655322 | .0888810 |
| Stddev | .0036528 | .0001711 | .0000345 | 11.132     | .0010071 | .0003564 |
| %RSD   | .7815162 | 6.103609 | .7140002 | .9916602   | 1.536861 | .4010028 |
| #1     | .4698325 | .0030008 | .0048280 | 1129.010   | .0645318 | .0884695 |
| #2     | .4631942 | .0027079 | .0048036 | 1109.745   | .0655189 | .0890780 |
| #3     | .4691549 | .0027011 | .0048718 | 1129.044   | .0665460 | .0890953 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1130305 | 92.88419 | 7.334248 | 521.1377 | .0893110 | -.006041 |
| Stddev | .0083359 | .83203   | .062323  | 5.0711   | .0009252 | .000981  |
| %RSD   | 7.374908 | .8957727 | .8497587 | .9730866 | 1.035942 | 16.24376 |
| #1     | .1166447 | 93.30931 | 7.358174 | 523.3736 | .0902536 | -.004921 |
| #2     | .1034975 | 91.92548 | 7.263507 | 515.3329 | .0884043 | -.006750 |
| #3     | .1189494 | 93.41777 | 7.381064 | 524.7067 | .0892750 | -.006451 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.099573 | .0701990 | .7614594 | 7.604610 | 6.202393 | .0671525 |
| Stddev | .585263  | .0109037 | .0269973 | .171794  | .023848  | .0040300 |
| %RSD   | 587.7708 | 15.53251 | 3.545469 | 2.259079 | .3844922 | 6.001251 |
| #1     | -.005995 | .0618154 | .7926218 | 7.598365 | 6.226503 | .0679882 |
| #2     | -.725987 | .0825257 | .7451481 | 7.436023 | 6.178816 | .0627701 |
| #3     | .433263  | .0662560 | .7466084 | 7.779441 | 6.201861 | .0706991 |

Sample Name: P5028-01      Acquired: 12/16/2024 1:44:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026129 | 23.77979 | 5.607631 | .0283893 | .3935341 | .5771472 |
| Stddev | .0005102 | .11347   | .035590  | .0015392 | .0031034 | .0054678 |
| %RSD   | 19.52721 | .4771707 | .6346729 | 5.421740 | .7886057 | .9473773 |
| #1     | .0023680 | 23.89863 | 5.566580 | .0281028 | .3936082 | .5793160 |
| #2     | .0022712 | 23.67258 | 5.626498 | .0270136 | .3903943 | .5709278 |
| #3     | .0031994 | 23.76817 | 5.629815 | .0300517 | .3965998 | .5811980 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1406845 |
| Stddev | .0049914 |
| %RSD   | 3.547952 |
| #1     | .1447887 |
| #2     | .1421369 |
| #3     | .1351280 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2286.422 | 28123.61 | 2841.424 | 1937.408 | 2612.926 |
| Stddev    | 7.933    | 120.51   | 18.074   | 3.439    | 13.820   |
| %RSD      | .3469787 | .4284878 | .6360810 | .1774971 | .5289179 |
| #1        | 2278.072 | 28015.01 | 2850.737 | 1933.736 | 2596.979 |
| #2        | 2287.334 | 28253.25 | 2852.942 | 1940.552 | 2621.427 |
| #3        | 2293.861 | 28102.57 | 2820.593 | 1937.936 | 2620.372 |

Sample Name: P5028-02      Acquired: 12/16/2024 1:48:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK35      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0804987 | .0414086 | 1.717934 | -.041405 | .0114609 | 55.20494 |
| Stddev | .0047727 | .0068621 | .004446  | .008785  | .0022679 | .16966   |
| %RSD   | 5.928944 | 16.57162 | .2587886 | 21.21793 | 19.78817 | .3073244 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0857866 | .0477867 | 1.713057 | -.031627 | .0088999 | 55.15263 |
| #2 | .0791991 | .0341480 | 1.718988 | -.048634 | .0122677 | 55.39460 |
| #3 | .0765103 | .0422911 | 1.721759 | -.043954 | .0132151 | 55.06760 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9877511 | .0050983 | .0086560 | F 1104.004 | .1055472 | .1170329 |
| Stddev | .0026829 | .0001493 | .0000661 | 2.797      | .0003284 | .0003591 |
| %RSD   | .2716151 | 2.928641 | .7637676 | .2533405   | .3111686 | .3068645 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9852083 | .0051696 | .0086759 | 1104.854 | .1056555 | .1166698 |
| #2 | .9905550 | .0051987 | .0085822 | 1106.278 | .1058077 | .1173880 |
| #3 | .9874898 | .0049267 | .0087098 | 1100.881 | .1051782 | .1170408 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2609602 | 142.9848 | 11.25986 | 450.6316 | .1526277 | -.009307 |
| Stddev | .0087602 | .3929    | .01855   | .9213    | .0001441 | .000867  |
| %RSD   | 3.356905 | .2747749 | .1647728 | .2044564 | .0944055 | 9.316620 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2700424 | 143.3081 | 11.26808 | 450.5308 | .1524906 | -.010086 |
| #2 | .2525621 | 143.0988 | 11.27288 | 451.5992 | .1527779 | -.008372 |
| #3 | .2602761 | 142.5476 | 11.23862 | 449.7648 | .1526148 | -.009463 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0620660 | .1347989 | 1.403139 | 8.128705 | 6.892814 | .0340960 |
| Stddev | .3563598 | .0047164 | .004350  | .086211  | .004457  | .0029939 |
| %RSD   | 574.1632 | 3.498850 | .3100261 | 1.060574 | .0646557 | 8.780887 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.265896 | .1306229 | 1.408098 | 8.029418 | 6.891427 | .0315324 |
| #2 | .010818  | .1399143 | 1.399967 | 8.184588 | 6.897799 | .0373864 |
| #3 | .441275  | .1338594 | 1.401352 | 8.172109 | 6.889215 | .0333693 |

Sample Name: P5028-02      Acquired: 12/16/2024 1:48:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK35      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099107 | 15.75494 | 7.258974 | .0531795 | .6363392 | .6185405 |
| Stddev | .0005119 | .00676   | .074616  | .0014366 | .0035248 | .0026682 |
| %RSD   | 5.164742 | .0429052 | 1.027915 | 2.701354 | .5539111 | .4313658 |
| #1     | .0095958 | 15.76120 | 7.270842 | .0544511 | .6396037 | .6158184 |
| #2     | .0105013 | 15.75585 | 7.326945 | .0516212 | .6368120 | .6211512 |
| #3     | .0096349 | 15.74777 | 7.179136 | .0534662 | .6326019 | .6186518 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1752762 |
| Stddev | .0060558 |
| %RSD   | 3.454986 |
| #1     | .1797656 |
| #2     | .1776744 |
| #3     | .1683886 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2347.840 | 28538.64 | 2859.358 | 1964.587 | 2607.021 |
| Stddev    | 8.890    | 100.66   | 33.442   | 4.837    | 7.366    |
| %RSD      | .3786671 | .3527199 | 1.169575 | .2462251 | .2825278 |
| #1        | 2356.483 | 28422.48 | 2835.637 | 1959.007 | 2615.141 |
| #2        | 2338.721 | 28593.05 | 2844.830 | 1967.160 | 2600.769 |
| #3        | 2348.318 | 28600.38 | 2897.608 | 1967.594 | 2605.153 |

Sample Name: P5028-03      Acquired: 12/16/2024 1:52:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK36      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2850236</b> | <b>.0269575</b> | <b>.6723494</b> | <b>.0028481</b> | <b>.0372303</b> | <b>90.37096</b> | <b>.9178000</b> |
| Stddev | .0027755        | .0024090        | .0005517        | .0053723        | .0014320        | .05764          | .0039107        |
| %RSD   | .9737906        | 8.936487        | .0820512        | 188.6314        | 3.846327        | .0637840        | .4260929        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2823809 | .0296416 | .6729781 | .0031834 | .0382210 | 90.32994 | .9168888 |
| #2 | .2847746 | .0249830 | .6719464 | -.002684 | .0378814 | 90.43686 | .9220858 |
| #3 | .2879152 | .0262478 | .6721237 | .008045  | .0355884 | 90.34607 | .9144254 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0080367</b> | <b>.0091606</b> | <b>153.1714</b> | <b>.1077834</b> | <b>.1728252</b> | <b>.3934787</b> | <b>228.3116</b> |
| Stddev | .0000993        | .0000541        | .1002           | .0006199        | .0008841        | .0049790        | .5634           |
| %RSD   | 1.235743        | .5907073        | .0653962        | .5751594        | .5115747        | 1.265379        | .2467870        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079261 | .0091845 | 153.2443 | .1084475 | .1721185 | .3880307 | 227.7217 |
| #2 | .0080660 | .0090987 | 153.0572 | .1076830 | .1738166 | .3946122 | 228.8443 |
| #3 | .0081181 | .0091986 | 153.2126 | .1072199 | .1725406 | .3977933 | 228.3688 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>12.52566</b> | <b>32.08713</b> | <b>.2243791</b> | <b>-.013069</b> | <b>-.140692</b> | <b>.1707881</b> | <b>.6625631</b> |
| Stddev | .02797          | .03024          | .0005531        | .000535         | .374666         | .0063496        | .0141100        |
| %RSD   | .2232795        | .0942473        | .2465172        | 4.093364        | 266.3021        | 3.717841        | 2.129613        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.53180 | 32.06148 | .2249466 | -.013354 | .285610  | .1649134 | .6788255 |
| #2 | 12.55005 | 32.07943 | .2238416 | -.012452 | -.290009 | .1775246 | .6552946 |
| #3 | 12.49513 | 32.12047 | .2243491 | -.013400 | -.417678 | .1699261 | .6535693 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.231497</b> | <b>4.987420</b> | <b>-.043376</b> | <b>.0077664</b> | <b>1.484069</b> | <b>9.015927</b> | <b>.0353843</b> |
| Stddev | .038813         | .008904         | .001659         | .0002453        | .003075         | .052287         | .0021878        |
| %RSD   | .4715137        | .1785376        | 3.823859        | 3.158860        | .2072319        | .5799356        | 6.182844        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.221812 | 4.987653 | -.041538 | .0078123 | 1.485770 | 8.969168 | .0330401 |
| #2 | 8.198443 | 4.978401 | -.043830 | .0079854 | 1.485919 | 9.006230 | .0357411 |
| #3 | 8.274235 | 4.996205 | -.044760 | .0075013 | 1.480519 | 9.072383 | .0373718 |



Sample Name: P5028-03      Acquired: 12/16/2024 1:52:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK36      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5462869 | .1652231 | .1194402 |
| Stddev | .0030372 | .0004120 | .0028953 |
| %RSD   | .5559785 | .2493398 | 2.424073 |
| #1     | .5491365 | .1652199 | .1166300 |
| #2     | .5430917 | .1656367 | .1224137 |
| #3     | .5466326 | .1648127 | .1192768 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3116.529 | 37729.36 | 3632.997 | 2631.788 | 3053.574 |
| Stddev    | 7.872    | 130.44   | 19.357   | 6.555    | 7.734    |
| %RSD      | .2525941 | .3457197 | .5328089 | .2490645 | .2532884 |
| #1        | 3112.313 | 37844.97 | 3652.353 | 2633.845 | 3049.973 |
| #2        | 3125.612 | 37755.16 | 3633.000 | 2637.068 | 3062.453 |
| #3        | 3111.663 | 37587.95 | 3613.639 | 2624.451 | 3048.297 |

Sample Name: P5028-04      Acquired: 12/16/2024 1:56:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK37      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1595060 | .0231378 | .4505489 | .0165652 | .0358999 | 85.67749 | .8589146 |
| Stddev | .0031044 | .0026128 | .0029870 | .0015618 | .0016588 | .49928   | .0042928 |
| %RSD   | 1.946235 | 11.29251 | .6629678 | 9.428295 | 4.620758 | .5827475 | .4997932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1604274 | .0212069 | .4525447 | .0183657 | .0343803 | 85.17846 | .8545400 |
| #2 | .1620453 | .0220956 | .4471148 | .0155767 | .0376696 | 85.67700 | .8590830 |
| #3 | .1560452 | .0261109 | .4519871 | .0157532 | .0356498 | 86.17702 | .8631206 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073707 | .0071593 | 49.05243 | .1124242 | .1464958 | .3064531 | 212.0755 |
| Stddev | .0000597 | .0001081 | .17989   | .0012520 | .0004424 | .0011547 | 1.1222   |
| %RSD   | .8104207 | 1.510160 | .3667349 | 1.113611 | .3020241 | .3767867 | .5291618 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074351 | .0070401 | 48.88514 | .1130963 | .1466798 | .3077542 | 210.8395 |
| #2 | .0073598 | .0071867 | 49.02944 | .1109797 | .1459911 | .3055502 | 212.3565 |
| #3 | .0073172 | .0072510 | 49.24272 | .1131967 | .1468166 | .3060550 | 213.0305 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.35077 | 24.72587 | .1955052 | -.012815 | .1895519 | .1800212 | .4596301 |
| Stddev | .09942   | .17756   | .0006449 | .000559  | .1089809 | .0038854 | .0098278 |
| %RSD   | .5729768 | .7181138 | .3298501 | 4.358450 | 57.49398 | 2.158323 | 2.138188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.24647 | 24.57799 | .1954642 | -.013221 | .2632566 | .1755371 | .4532595 |
| #2 | 17.36140 | 24.67681 | .1948818 | -.013045 | .0643675 | .1821352 | .4709484 |
| #3 | 17.44445 | 24.92280 | .1961696 | -.012178 | .2410316 | .1823912 | .4546823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.106845 | 2.887046 | -.045787 | .0051592 | .9643695 | 9.176491 | .0244380 |
| Stddev | .080961  | .001904  | .000773  | .0005805 | .0063016 | .076901  | .0014761 |
| %RSD   | 1.325735 | .0659490 | 1.689162 | 11.25081 | .6534390 | .8380192 | 6.039978 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.116088 | 2.886342 | -.045206 | .0054726 | .9694137 | 9.088606 | .0254148 |
| #2 | 6.182788 | 2.885594 | -.046665 | .0044894 | .9573058 | 9.231427 | .0251590 |
| #3 | 6.021660 | 2.889201 | -.045489 | .0055156 | .9663890 | 9.209440 | .0227400 |

Sample Name: P5028-04      Acquired: 12/16/2024 1:56:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK37      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6821397 | .0180645 | .1022972 |
| Stddev | .0035771 | .0004441 | .0016725 |
| %RSD   | .5243980 | 2.458687 | 1.634952 |
| #1     | .6781630 | .0175997 | .1036500 |
| #2     | .6850953 | .0181093 | .1028144 |
| #3     | .6831607 | .0184846 | .1004271 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3084.708 | 37382.66 | 3550.337 | 2597.892 | 3144.385 |
| Stddev    | 21.596   | 265.75   | 30.782   | 18.332   | 21.065   |
| %RSD      | .7001058 | .7108795 | .8670051 | .7056627 | .6699385 |
| #1        | 3095.258 | 37270.81 | 3567.021 | 2591.547 | 3157.625 |
| #2        | 3099.000 | 37686.05 | 3569.175 | 2618.554 | 3155.435 |
| #3        | 3059.864 | 37191.13 | 3514.815 | 2583.575 | 3120.093 |

Sample Name: P5028-05      Acquired: 12/16/2024 1:59:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK38      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0899110 | .0202580 | .7895901 | -.005006 | .0282627 | 82.17936 | .8747759 |
| Stddev | .0011542 | .0019205 | .0030074 | .002622  | .0006908 | .24727   | .0023631 |
| %RSD   | 1.283737 | 9.480311 | .3808833 | 52.37817 | 2.444206 | .3008916 | .2701330 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0888389 | .0214015 | .7915645 | -.007718 | .0289459 | 81.96608 | .8733225 |
| #2 | .0897614 | .0180408 | .7861289 | -.004818 | .0275645 | 82.12160 | .8775025 |
| #3 | .0911327 | .0213318 | .7910770 | -.002484 | .0282775 | 82.45039 | .8735027 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065424 | .0058189 | 93.45594 | .1015803 | .1211466 | .1627995 | 177.3632 |
| Stddev | .0000445 | .0001074 | .32186   | .0008013 | .0007581 | .0090256 | .0341    |
| %RSD   | .6794980 | 1.845202 | .3443933 | .7888495 | .6257438 | 5.544019 | .0192112 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065431 | .0059087 | 93.19473 | .1024389 | .1219761 | .1558996 | 177.3980 |
| #2 | .0065866 | .0058481 | 93.35759 | .1008523 | .1209741 | .1594852 | 177.3299 |
| #3 | .0064977 | .0057000 | 93.81549 | .1014498 | .1204897 | .1730138 | 177.3618 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.27005 | 31.52380 | .1256054 | -.011529 | -.380174 | .1714236 | .6415086 |
| Stddev | .02674   | .12667   | .0004288 | .000277  | .125576  | .0114964 | .0121772 |
| %RSD   | .2179480 | .4018194 | .3413738 | 2.403386 | 33.03120 | 6.706431 | 1.898216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.26813 | 31.42428 | .1260788 | -.011446 | -.269237 | .1651623 | .6365795 |
| #2 | 12.29770 | 31.66639 | .1254944 | -.011303 | -.516507 | .1644171 | .6325686 |
| #3 | 12.24432 | 31.48073 | .1252430 | -.011838 | -.354779 | .1846916 | .6553776 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.435001 | 2.704320 | -.039918 | .0048578 | 1.219213 | 10.20802 | .0317653 |
| Stddev | .129906  | .002206  | .001628  | .0001539 | .004979  | .04246   | .0009639 |
| %RSD   | 3.781828 | .0815842 | 4.079385 | 3.167795 | .4083518 | .4159145 | 3.034451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.314116 | 2.703408 | -.038466 | .0047458 | 1.215321 | 10.21448 | .0309102 |
| #2 | 3.572357 | 2.706837 | -.039611 | .0050333 | 1.224823 | 10.24687 | .0315758 |
| #3 | 3.418530 | 2.702717 | -.041679 | .0047943 | 1.217493 | 10.16270 | .0328098 |

Sample Name: P5028-05      Acquired: 12/16/2024 1:59:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK38      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6576715 | .0360950 | .1009588 |
| Stddev | .0069374 | .0003059 | .0033122 |
| %RSD   | 1.054843 | .8475540 | 3.280731 |
| #1     | .6578594 | .0362028 | .1014609 |
| #2     | .6645131 | .0363323 | .1039912 |
| #3     | .6506421 | .0357497 | .0974242 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2567.030 | 31172.11 | 2911.587 | 2163.163 | 3138.163 |
| Stddev    | 3.477    | 300.95   | 3.127    | 20.693   | 5.633    |
| %RSD      | .1354400 | .9654398 | .1074133 | .9565879 | .1794893 |
| #1        | 2564.142 | 31189.34 | 2913.444 | 2163.195 | 3131.913 |
| #2        | 2570.889 | 31464.07 | 2907.976 | 2183.840 | 3139.731 |
| #3        | 2566.058 | 30862.91 | 2913.340 | 2142.455 | 3142.846 |

Sample Name: P5028-06      Acquired: 12/16/2024 2:03:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0963391 | .0103024 | .5727948 | .0132334 | .0346360 | 99.13895 | .7057493 |
| Stddev | .0015668 | .0024727 | .0023396 | .0026919 | .0028079 | .42452   | .0048402 |
| %RSD   | 1.626306 | 24.00115 | .4084602 | 20.34174 | 8.106745 | .4282027 | .6858191 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0949363 | .0131298 | .5704356 | .0115568 | .0365962 | 99.58762 | .7110761 |
| #2 | .0960512 | .0085446 | .5728344 | .0118050 | .0314193 | 99.08559 | .7045508 |
| #3 | .0980299 | .0092327 | .5751143 | .0163384 | .0358925 | 98.74363 | .7016210 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073366 | .0044024 | 29.34786 | .1125940 | .1135489 | .1463192 | 191.9811 |
| Stddev | .0001274 | .0000908 | .03697   | .0006416 | .0004996 | .0067049 | 1.0870   |
| %RSD   | 1.736738 | 2.062603 | .1259682 | .5698455 | .4399907 | 4.582402 | .5662164 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074824 | .0044556 | 29.38581 | .1118621 | .1140905 | .1540360 | 193.0639 |
| #2 | .0072805 | .0042976 | 29.34582 | .1128601 | .1134500 | .1430030 | 191.9894 |
| #3 | .0072469 | .0044541 | 29.31196 | .1130598 | .1131061 | .1419185 | 190.8899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.61178 | 21.55525 | .1336525 | -.013702 | .1387986 | .1893388 | .5916342 |
| Stddev | .07967   | .10030   | .0002659 | .000640  | .3052341 | .0024740 | .0290409 |
| %RSD   | .6861285 | .4653242 | .1989374 | 4.669784 | 219.9116 | 1.306632 | 4.908583 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.69925 | 21.64348 | .1333954 | -.014334 | -.209937 | .1909884 | .6244130 |
| #2 | 11.59274 | 21.57611 | .1336357 | -.013055 | .268947  | .1905338 | .5813713 |
| #3 | 11.54335 | 21.44616 | .1339264 | -.013716 | .357386  | .1864942 | .5691183 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.758828 | 1.962551 | -.040318 | .0032355 | .6466467 | 9.289201 | .0251974 |
| Stddev | .143901  | .004420  | .001844  | .0000536 | .0047824 | .074960  | .0021132 |
| %RSD   | 5.216003 | .2252210 | 4.573417 | 1.656760 | .7395628 | .8069600 | 8.386533 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.922876 | 1.957692 | -.038191 | .0032051 | .6517052 | 9.224387 | .0238050 |
| #2 | 2.653919 | 1.966334 | -.041307 | .0032039 | .6460357 | 9.371291 | .0276290 |
| #3 | 2.699690 | 1.963627 | -.041456 | .0032974 | .6421993 | 9.271925 | .0241582 |

Sample Name: P5028-06      Acquired: 12/16/2024 2:03:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK39      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5599236 | -.046441 | .1064456 |
| Stddev | .0068991 | .000166  | .0021185 |
| %RSD   | 1.232145 | .3568879 | 1.990186 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5673173 | -.046559 | .1045297 |
| #2 | .5536583 | -.046513 | .1060864 |
| #3 | .5587951 | -.046252 | .1087207 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2697.375 | 32379.93 | 3043.757 | 2260.200 | 3262.249 |
| Stddev    | 1.429    | 197.64   | 26.568   | 15.536   | 3.677    |
| %RSD      | .0529798 | .6103779 | .8728584 | .6873926 | .1127203 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2698.445 | 32157.94 | 3043.948 | 2244.269 | 3259.338 |
| #2 | 2697.927 | 32445.07 | 3017.094 | 2261.021 | 3261.028 |
| #3 | 2695.752 | 32536.78 | 3070.229 | 2275.310 | 3266.381 |

Sample Name: P5028-07      Acquired: 12/16/2024 2:07:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1509601</b> | <b>.0270139</b> | <b>1.118351</b> | <b>.0103920</b> | <b>.0411542</b> | <b>106.6250</b> | <b>.8450680</b> |
| Stddev | .0016112        | .0030030        | .003503         | .0018807        | .0017577        | .2678           | .0014950        |
| %RSD   | 1.067267        | 11.11664        | .3132392        | 18.09716        | 4.271009        | .2511243        | .1769025        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1523388 | .0301406 | 1.114681 | .0090707 | .0399765 | 106.9107 | .8466972 |
| #2 | .1513525 | .0241521 | 1.118714 | .0095602 | .0403115 | 106.5846 | .8437594 |
| #3 | .1491890 | .0267490 | 1.121658 | .0125452 | .0431745 | 106.3797 | .8447474 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0087626</b> | <b>.0077663</b> | <b>90.66894</b> | <b>.1586365</b> | <b>.1596959</b> | <b>.2912329</b> | <b>244.0259</b> |
| Stddev | .0001333        | .0000533        | .21746          | .0005426        | .0000322        | .0021118        | .7150           |
| %RSD   | 1.521341        | .6861427        | .2398434        | .3420294        | .0201947        | .7251306        | .2929985        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086284 | .0077144 | 90.83408 | .1587838 | .1596715 | .2934422 | 244.5823 |
| #2 | .0088950 | .0077637 | 90.75020 | .1590902 | .1597324 | .2910220 | 243.2194 |
| #3 | .0087643 | .0078208 | 90.42255 | .1580354 | .1596836 | .2892344 | 244.2759 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>16.86638</b> | <b>33.99658</b> | <b>.2088502</b> | <b>-.017245</b> | <b>.0799598</b> | <b>.2201436</b> | <b>.9666239</b> |
| Stddev | .05331          | .03984          | .0009736        | .000617         | .2845183        | .0030613        | .0115970        |
| %RSD   | .3160486        | .1171780        | .4661703        | 3.578932        | 355.8267        | 1.390610        | 1.199744        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.90997 | 34.03242 | .2092563 | -.017750 | -.224221 | .2166464 | .9751551 |
| #2 | 16.80695 | 33.95369 | .2095551 | -.017429 | .339549  | .2223384 | .9534194 |
| #3 | 16.88222 | 34.00363 | .2077393 | -.016557 | .124551  | .2214461 | .9712973 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.523235</b> | <b>3.581411</b> | <b>-.044990</b> | <b>.0048164</b> | <b>1.519196</b> | <b>9.068756</b> | <b>.0406193</b> |
| Stddev | .113195         | .000822         | .002492         | .0002161        | .002380         | .083113         | .0012915        |
| %RSD   | 2.502518        | .0229524        | 5.539744        | 4.486076        | .1566375        | .9164785        | 3.179441        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.559082 | 3.582309 | -.043899 | .0050016 | 1.520943 | 9.079215 | .0416603 |
| #2 | 4.614166 | 3.581231 | -.047842 | .0048688 | 1.520160 | 9.146144 | .0391741 |
| #3 | 4.396457 | 3.580695 | -.043229 | .0045790 | 1.516486 | 8.980908 | .0410235 |



Sample Name: P5028-07      Acquired: 12/16/2024 2:07:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7288719 | -.008677 | .1323049 |
| Stddev | .0030528 | .000343  | .0026730 |
| %RSD   | .4188440 | 3.956633 | 2.020306 |
| #1     | .7312159 | -.008453 | .1293344 |
| #2     | .7254198 | -.009072 | .1330644 |
| #3     | .7299801 | -.008505 | .1345159 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2937.967 | 35537.64 | 3381.393 | 2486.370 | 3171.227 |
| Stddev    | 1.902    | 171.98   | 9.901    | 14.744   | 2.410    |
| %RSD      | .0647351 | .4839428 | .2928105 | .5929809 | .0759893 |
| #1        | 2938.255 | 35358.22 | 3371.010 | 2470.340 | 3168.448 |
| #2        | 2935.937 | 35553.64 | 3382.440 | 2489.417 | 3172.739 |
| #3        | 2939.707 | 35701.07 | 3390.729 | 2499.351 | 3172.494 |

Sample Name: P5028-08      Acquired: 12/16/2024 2:11:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1527340 | .0255485 | 1.145217 | .0153781 | .0414077 | 107.8526 | .8546623 |
| Stddev | .0056234 | .0024032 | .006581  | .0020712 | .0020513 | .4242    | .0035371 |
| %RSD   | 3.681827 | 9.406477 | .5746505 | 13.46826 | 4.953966 | .3933073 | .4138588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1464042 | .0229133 | 1.151527 | .0131089 | .0437663 | 107.6508 | .8506161 |
| #2 | .1571532 | .0276193 | 1.145727 | .0171669 | .0404175 | 107.5669 | .8562033 |
| #3 | .1546445 | .0261128 | 1.138395 | .0158584 | .0400393 | 108.3400 | .8571674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088217 | .0081079 | 91.74670 | .1611531 | .1629239 | .2930087 | 247.1479 |
| Stddev | .0000385 | .0000809 | .22056   | .0004034 | .0005497 | .0049480 | .6327    |
| %RSD   | .4368822 | .9978803 | .2403967 | .2503058 | .3374211 | 1.688703 | .2560119 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0088445 | .0082012 | 91.49674 | .1607535 | .1633207 | .2964030 | 246.4596 |
| #2 | .0087772 | .0080655 | 91.82945 | .1611456 | .1631547 | .2952918 | 247.2798 |
| #3 | .0088435 | .0080571 | 91.91392 | .1615602 | .1622964 | .2873313 | 247.7043 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.05108 | 34.35160 | .2135344 | -.016172 | -.084582 | .2130927 | .9862639 |
| Stddev | .08250   | .17351   | .0008936 | .001946  | .352882  | .0031359 | .0082904 |
| %RSD   | .4838680 | .5050896 | .4184655 | 12.03470 | 417.2065 | 1.471608 | .8405857 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.96810 | 34.21393 | .2125468 | -.018414 | -.339024 | .2136276 | .9840667 |
| #2 | 17.05205 | 34.29438 | .2137693 | -.015179 | -.232987 | .2097237 | .9954315 |
| #3 | 17.13310 | 34.54649 | .2142870 | -.014922 | .318265  | .2159267 | .9792934 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.701426 | 3.661856 | -.052881 | .0050330 | 1.552605 | 9.221424 | .0422153 |
| Stddev | .088562  | .007671  | .003277  | .0006007 | .013934  | .061383  | .0022374 |
| %RSD   | 1.883736 | .2094707 | 6.197652 | 11.93596 | .8974515 | .6656574 | 5.300052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.800113 | 3.668737 | -.054018 | .0050538 | 1.567673 | 9.240322 | .0426379 |
| #2 | 4.628866 | 3.653586 | -.049186 | .0056231 | 1.540185 | 9.152814 | .0397967 |
| #3 | 4.675298 | 3.663245 | -.055438 | .0044221 | 1.549956 | 9.271135 | .0442113 |

Sample Name: P5028-08      Acquired: 12/16/2024 2:11:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40D      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7427541 | -.008493 | .1341962 |
| Stddev | .0004762 | .000690  | .0068159 |
| %RSD   | .0641127 | 8.123303 | 5.079056 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7425876 | -.008417 | .1377859 |
| #2 | .7432912 | -.009218 | .1263357 |
| #3 | .7423834 | -.007845 | .1384670 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2909.722 | 35286.69 | 3369.362 | 2468.564 | 3122.080 |
| Stddev    | 9.688    | 122.81   | 12.399   | 14.101   | 13.354   |
| %RSD      | .3329554 | .3480361 | .3679811 | .5712179 | .4277203 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2900.262 | 35403.16 | 3372.267 | 2482.079 | 3106.979 |
| #2 | 2909.281 | 35158.39 | 3380.050 | 2453.942 | 3126.933 |
| #3 | 2919.623 | 35298.51 | 3355.768 | 2469.671 | 3132.329 |

Sample Name: P5028-07LX5      Acquired: 12/16/2024 2:28:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0284829 | .0063023 | .2315749 | -.008216 | .0079379 | 25.25716 | .2012389 |
| Stddev | .0069796 | .0003210 | .0016028 | .003174  | .0015583 | .05053   | .0011033 |
| %RSD   | 24.50466 | 5.093022 | .6921080 | 38.63813 | 19.63164 | .2000779 | .5482585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0243879 | .0063430 | .2330948 | -.011545 | .0097369 | 25.23152 | .2012361 |
| #2 | .0245187 | .0066010 | .2299005 | -.005223 | .0070038 | 25.31537 | .2001369 |
| #3 | .0365419 | .0059629 | .2317293 | -.007879 | .0070730 | 25.22458 | .2023435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022273 | .0014445 | 21.77897 | .0383150 | .0433289 | .0658785 | 58.51237 |
| Stddev | .0000708 | .0000271 | .14432   | .0007396 | .0003546 | .0078265 | .19700   |
| %RSD   | 3.179047 | 1.877392 | .6626541 | 1.930329 | .8183272 | 11.88014 | .3366733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023053 | .0014739 | 21.73202 | .0388134 | .0429195 | .0603955 | 58.30151 |
| #2 | .0022094 | .0014206 | 21.66397 | .0386664 | .0435376 | .0748415 | 58.54391 |
| #3 | .0021672 | .0014390 | 21.94092 | .0374652 | .0435296 | .0623987 | 58.69170 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.066297 | 8.258480 | .0435701 | -.002311 | -.416743 | .0448709 | .2370298 |
| Stddev | .010071  | .047073  | .0003931 | .000244  | .902039  | .0065836 | .0110349 |
| %RSD   | .2476792 | .5699999 | .9021900 | 10.54842 | 216.4500 | 14.67223 | 4.655473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.054670 | 8.307071 | .0431319 | -.002296 | -.696842 | .0524500 | .2301780 |
| #2 | 4.071910 | 8.213087 | .0436869 | -.002561 | -1.14550 | .0405703 | .2311520 |
| #3 | 4.072312 | 8.255284 | .0438916 | -.002075 | .59212   | .0415923 | .2497593 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6055202 | .7072569 | -.027612 | .0002683 | .3029157 | 2.221915 | .0094181 |
| Stddev | .0601704 | .0023289 | .001252  | .0001981 | .0023793 | .005222  | .0010626 |
| %RSD   | 9.936982 | .3292882 | 4.534127 | 73.82200 | .7854624 | .2350032 | 11.28270 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6734806 | .7057012 | -.026258 | .0001055 | .3055710 | 2.221733 | .0086979 |
| #2 | .5840510 | .7061350 | -.028727 | .0004888 | .3009773 | 2.227224 | .0106385 |
| #3 | .5590291 | .7099344 | -.027852 | .0002107 | .3021988 | 2.216786 | .0089179 |

Sample Name: P5028-07LX5      Acquired: 12/16/2024 2:28:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1713810 | -.002569 | .0612098 |
| Stddev | .0078669 | .000127  | .0050287 |
| %RSD   | 4.590281 | 4.947673 | 8.215459 |
| #1     | .1622976 | -.002697 | .0557241 |
| #2     | .1758460 | -.002443 | .0623042 |
| #3     | .1759994 | -.002569 | .0656012 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2411.778 | 30336.12 | 2762.944 | 2042.101 | 3177.747 |
| Stddev    | 5.455    | 52.88    | 14.210   | 4.707    | 8.411    |
| %RSD      | .2261701 | .1743215 | .5142909 | .2304918 | .2646873 |
| #1        | 2409.593 | 30284.75 | 2756.389 | 2038.029 | 3170.543 |
| #2        | 2417.986 | 30333.22 | 2753.196 | 2047.254 | 3186.990 |
| #3        | 2407.755 | 30390.40 | 2779.248 | 2041.021 | 3175.710 |

Sample Name: P5028-09      Acquired: 12/16/2024 2:32:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40S      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2337439</b> | <b>.1235711</b> | <b>1.152445</b> | <b>.1546256</b> | <b>.1823290</b> | <b>109.5518</b> | <b>4.301921</b> |
| Stddev | .0061432        | .0002128        | .002832         | .0050951        | .0019811        | .2125           | .012098         |
| %RSD   | 2.628180        | .1721852        | .2457453        | 3.295116        | 1.086574        | .1939763        | .2812320        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2300425 | .1234339 | 1.154983 | .1604673 | .1846162 | 109.7818 | 4.312399 |
| #2 | .2408352 | .1234632 | 1.149390 | .1511001 | .1811441 | 109.5108 | 4.304684 |
| #3 | .2303539 | .1238162 | 1.152961 | .1523093 | .1812269 | 109.3627 | 4.288680 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0908651</b> | <b>.1047728</b> | <b>90.91590</b> | <b>.5247565</b> | <b>1.310148</b> | <b>.7086304</b> | <b>246.3882</b> |
| Stddev | .0003385        | .0001908        | .32776          | .0011636        | .001746         | .0043005        | 1.2392          |
| %RSD   | .3724723        | .1820921        | .3605120        | .2217443        | .1333030        | .6068794        | .5029460        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0906535 | .1048403 | 91.28247 | .5248727 | 1.311995 | .7046618 | 247.5217 |
| #2 | .0906863 | .1049207 | 90.65108 | .5235391 | 1.308524 | .7131997 | 246.5777 |
| #3 | .0912555 | .1045574 | 90.81415 | .5258576 | 1.309925 | .7080299 | 245.0652 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>17.72482</b> | <b>34.03180</b> | <b>1.260890</b> | <b>.0510816</b> | <b>.0429208</b> | <b>1.084246</b> | <b>1.699017</b> |
| Stddev | .06585          | .08583          | .001295         | .0009632        | .4297037        | .003905         | .007659         |
| %RSD   | .3715080        | .2522056        | .1026698        | 1.885636        | 1001.155        | .3601564        | .4507716        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.78065 | 34.06786 | 1.261296 | .0501099 | .4404713 | 1.082288 | 1.707170 |
| #2 | 17.74160 | 34.09372 | 1.261933 | .0510987 | -.412974 | 1.081707 | 1.697906 |
| #3 | 17.65220 | 33.93382 | 1.259441 | .0520361 | .101265  | 1.088743 | 1.691974 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.011190</b> | <b>3.550231</b> | <b>-.095795</b> | <b>.0020624</b> | <b>1.558157</b> | <b>9.006946</b> | <b>.0420300</b> |
| Stddev | .036806         | .009727         | .003001         | .0003138        | .006187         | .061865         | .0019214        |
| %RSD   | .6122989        | .2739816        | 3.132732        | 15.21528        | .3970599        | .6868559        | 4.571437        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.023443 | 3.551526 | -.095254 | .0017022 | 1.551041 | 8.983939 | .0439909 |
| #2 | 5.969820 | 3.559245 | -.093101 | .0022080 | 1.562258 | 8.959881 | .0401507 |
| #3 | 6.040307 | 3.539921 | -.099029 | .0022769 | 1.561173 | 9.077018 | .0419485 |

Sample Name: P5028-09      Acquired: 12/16/2024 2:32:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK40S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7267799 | -.011596 | .1272005 |
| Stddev | .0034022 | .000259  | .0061341 |
| %RSD   | .4681262 | 2.234378 | 4.822378 |
| #1     | .7297822 | -.011778 | .1340024 |
| #2     | .7230844 | -.011299 | .1255108 |
| #3     | .7274729 | -.011710 | .1220884 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2864.234 | 35428.80 | 3287.914 | 2402.505 | 3105.282 |
| Stddev    | 11.498   | 168.19   | 5.819    | 13.799   | 11.646   |
| %RSD      | .4014284 | .4747241 | .1769831 | .5743538 | .3750501 |
| #1        | 2852.284 | 35455.92 | 3294.631 | 2402.803 | 3093.315 |
| #2        | 2865.198 | 35248.70 | 3284.390 | 2388.559 | 3105.951 |
| #3        | 2875.220 | 35581.78 | 3284.722 | 2416.152 | 3116.579 |

Sample Name: P5028-10      Acquired: 12/16/2024 2:36:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0868242 | .0173316 | 2.663329 | -.019204 | .0282531 | 79.37054 |
| Stddev | .0051663 | .0038303 | .012583  | .005872  | .0028571 | .65418   |
| %RSD   | 5.950334 | 22.09990 | .4724491 | 30.57433 | 10.11256 | .8242151 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0904099 | .0217286 | 2.652044 | -.012859 | .0257070 | 80.00727 |
| #2 | .0891604 | .0155458 | 2.661045 | -.020307 | .0277092 | 79.40414 |
| #3 | .0809025 | .0147203 | 2.676897 | -.024446 | .0313430 | 78.70019 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.794810 | .0070564 | .0101452 | 168.2592 | .1721195 | .1235970 |
| Stddev | .012651  | .0001976 | .0001687 | 1.0777   | .0007537 | .0005753 |
| %RSD   | .7048413 | 2.799621 | 1.662514 | .6405233 | .4378672 | .4654967 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.808463 | .0072392 | .0099796 | 169.2657 | .1714313 | .1239170 |
| #2 | 1.792480 | .0070833 | .0101392 | 168.3897 | .1720023 | .1229328 |
| #3 | 1.783486 | .0068469 | .0103168 | 167.1221 | .1729249 | .1239413 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4391335 | 171.4852 | 6.901807 | 38.77712 | .2589222 | -.010229 |
| Stddev | .0050080 | 1.3854   | .052215  | .30441   | .0012427 | .001025  |
| %RSD   | 1.140426 | .8078765 | .7565372 | .7850146 | .4799619 | 10.02492 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4442578 | 172.8996 | 6.956679 | 39.05321 | .2574874 | -.009529 |
| #2 | .4388921 | 171.4251 | 6.896008 | 38.82748 | .2596180 | -.011406 |
| #3 | .4342506 | 170.1308 | 6.852734 | 38.45067 | .2596611 | -.009752 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1134520 | .2071350 | 2.120152 | 13.65538 | F 18.33250 | -.011507 |
| Stddev | .6137170 | .0090192 | .023252  | .18853   | .07092     | .003417  |
| %RSD   | 540.9485 | 4.354257 | 1.096723 | 1.380612 | .3868389   | 29.69578 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8117831 | .2049491 | 2.111528 | 13.87208 | 18.27419 | -.010984 |
| #2 | -.131316 | .2170463 | 2.102444 | 13.52904 | 18.31188 | -.015155 |
| #3 | -.340111 | .1994098 | 2.146484 | 13.56502 | 18.41145 | -.008381 |



Sample Name: P5028-10      Acquired: 12/16/2024 2:36:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045613 | 5.314864 | 8.110384 | .1320701 | 1.029116 | .3089687 |
| Stddev | .0001550 | .033082  | .134523  | .0011784 | .009806  | .0027673 |
| %RSD   | 3.398720 | .6224439 | 1.658647 | .8922533 | .9528747 | .8956715 |
| #1     | .0046523 | 5.280766 | 8.159629 | .1328766 | 1.033312 | .3119652 |
| #2     | .0043823 | 5.317000 | 8.213344 | .1326160 | 1.036125 | .3084318 |
| #3     | .0046493 | 5.346827 | 7.958178 | .1307178 | 1.017910 | .3065092 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1828331 |
| Stddev | .0027558 |
| %RSD   | 1.507289 |
| #1     | .1841076 |
| #2     | .1847210 |
| #3     | .1796707 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2633.092 | 32452.84 | 3052.934 | 2222.316 | 3103.854 |
| Stddev    | 11.565   | 70.34    | 38.367   | 11.774   | 14.530   |
| %RSD      | .4391990 | .2167554 | 1.256713 | .5298114 | .4681376 |
| #1        | 2637.599 | 32469.40 | 3034.878 | 2221.826 | 3108.954 |
| #2        | 2641.723 | 32513.43 | 3026.927 | 2234.328 | 3115.146 |
| #3        | 2619.952 | 32375.70 | 3096.997 | 2210.796 | 3087.461 |

Sample Name: P5028-11      Acquired: 12/16/2024 2:40:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKD3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1035276 | .0121233 | 2.301944 | -.013820 | .0525356 | 73.50524 |
| Stddev | .0040485 | .0018183 | .009507  | .001438  | .0007042 | .23178   |
| %RSD   | 3.910577 | 14.99828 | .4129860 | 10.40787 | 1.340419 | .3153256 |
| #1     | .1025879 | .0142226 | 2.302512 | -.013831 | .0517234 | 73.35183 |
| #2     | .1079634 | .0111040 | 2.292167 | -.012377 | .0529066 | 73.39202 |
| #3     | .1000316 | .0110433 | 2.311155 | -.015254 | .0529766 | 73.77187 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.808321 | .0086359 | .0104295 | 180.4507 | .2734136 | .1337806 |
| Stddev | .006107  | .0001735 | .0000782 | .5725    | .0010069 | .0003020 |
| %RSD   | .3377415 | 2.008839 | .7493360 | .3172680 | .3682662 | .2257569 |
| #1     | 1.806259 | .0084761 | .0105195 | 180.3905 | .2725490 | .1335090 |
| #2     | 1.803512 | .0086111 | .0103903 | 179.9106 | .2745191 | .1337269 |
| #3     | 1.815193 | .0088204 | .0103787 | 181.0509 | .2731726 | .1341058 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5068856 | 276.5964 | 6.932853 | 32.74673 | .2727707 | -.020326 |
| Stddev | .0137458 | .8317    | .032356  | .22726   | .0010515 | .000858  |
| %RSD   | 2.711822 | .3006936 | .4667091 | .6940079 | .3854864 | 4.221430 |
| #1     | .5227493 | 276.4770 | 6.931009 | 32.69359 | .2736013 | -.020096 |
| #2     | .4985004 | 275.8309 | 6.901458 | 32.55074 | .2715884 | -.021276 |
| #3     | .4994070 | 277.4814 | 6.966092 | 32.99585 | .2731222 | -.019606 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3254019 | .2172207 | 1.956977 | 9.244694 | F 17.29901 | -.079693 |
| Stddev | 1.196728 | .0021344 | .014421  | .262747  | .05261     | .006451  |
| %RSD   | 367.7691 | .9825853 | .7368882 | 2.842134 | .3041116   | 8.095412 |
| #1     | 1.263848 | .2181440 | 1.968088 | 9.496661 | 17.28481   | -.079882 |
| #2     | .734612  | .2147801 | 1.962163 | 8.972354 | 17.25496   | -.073150 |
| #3     | -1.02225 | .2187380 | 1.940681 | 9.265066 | 17.35726   | -.086048 |

Sample Name: P5028-11      Acquired: 12/16/2024 2:40:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKD3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053901 | 3.846090 | 9.140535 | .3651933 | .9890564 | .2922559 |
| Stddev | .0001383 | .009432  | .048744  | .0014814 | .0106603 | .0014394 |
| %RSD   | 2.566591 | .2452439 | .5332750 | .4056426 | 1.077823 | .4925212 |
| #1     | .0055060 | 3.839102 | 9.099103 | .3664846 | .9809660 | .2928772 |
| #2     | .0052369 | 3.842350 | 9.128259 | .3655192 | .9850672 | .2906102 |
| #3     | .0054273 | 3.856819 | 9.194244 | .3635761 | 1.001136 | .2932803 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1739118 |
| Stddev | .0054953 |
| %RSD   | 3.159834 |
| #1     | .1764927 |
| #2     | .1676011 |
| #3     | .1776416 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2581.034 | 31944.09 | 2993.340 | 2177.522 | 3035.516 |
| Stddev    | 9.034    | 95.30    | 17.749   | 7.980    | 5.539    |
| %RSD      | .3500052 | .2983377 | .5929534 | .3664521 | .1824800 |
| #1        | 2571.836 | 31976.01 | 3011.019 | 2175.945 | 3029.133 |
| #2        | 2581.371 | 31836.93 | 2993.480 | 2170.449 | 3038.354 |
| #3        | 2589.894 | 32019.34 | 2975.522 | 2186.173 | 3039.061 |

Sample Name: P5028-12      Acquired: 12/16/2024 2:44:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKD4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0932648 | .0197924 | 2.054577 | -.016085 | .0402537 | 73.55918 |
| Stddev | .0024645 | .0016431 | .012346  | .007247  | .0028759 | .21301   |
| %RSD   | 2.642508 | 8.301457 | .6008895 | 45.05766 | 7.144470 | .2895795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0952290 | .0202053 | 2.045853 | -.016113 | .0423031 | 73.77882 |
| #2 | .0940661 | .0211895 | 2.049176 | -.023318 | .0369661 | 73.54523 |
| #3 | .0904993 | .0179822 | 2.068703 | -.008823 | .0414920 | 73.35348 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.622223 | .0066681 | .0077515 | 124.4279 | .1515663 | .1184412 |
| Stddev | .009029  | .0001579 | .0001090 | .3775    | .0013291 | .0006134 |
| %RSD   | .5565899 | 2.368619 | 1.406821 | .3034077 | .8769301 | .5178982 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.631864 | .0067047 | .0076800 | 124.6783 | .1501207 | .1181704 |
| #2 | 1.620842 | .0064951 | .0078770 | 124.6117 | .1518427 | .1180098 |
| #3 | 1.613964 | .0068046 | .0076974 | 123.9936 | .1527355 | .1191434 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3857880 | 153.8943 | 6.676922 | 32.69037 | .2152100 | -.009953 |
| Stddev | .0050848 | .7557    | .019896  | .19449   | .0007492 | .000488  |
| %RSD   | 1.318020 | .4910489 | .2979828 | .5949591 | .3481193 | 4.899734 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3916114 | 154.6344 | 6.699077 | 32.85739 | .2144657 | -.009462 |
| #2 | .3822276 | 153.9244 | 6.671110 | 32.73689 | .2152004 | -.009961 |
| #3 | .3835249 | 153.1239 | 6.660579 | 32.47684 | .2159640 | -.010437 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2362290 | .2009845 | 1.706798 | 9.239635 | F 15.22234 | -.015328 |
| Stddev | .3117758 | .0032985 | .035316  | .072375  | .10703     | .002086  |
| %RSD   | 131.9803 | 1.641199 | 2.069160 | .7833119 | .7031295   | 13.61034 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4210333 | .2037181 | 1.710063 | 9.318140 | 15.12728 | -.015974 |
| #2 | .4113894 | .2019147 | 1.740368 | 9.175565 | 15.20146 | -.012995 |
| #3 | -.123736 | .1973207 | 1.669962 | 9.225199 | 15.33827 | -.017014 |

Sample Name: P5028-12      Acquired: 12/16/2024 2:44:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKD4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037400 | 3.520947 | 8.995991 | 2.948385 | 1.028744 | .3212126 |
| Stddev | .0005947 | .034956  | .074843  | .018162  | .005424  | .0011047 |
| %RSD   | 15.90044 | .9928061 | .8319586 | .6160025 | .5271964 | .3439245 |
| #1     | .0032107 | 3.484988 | 9.022330 | 2.932162 | 1.034526 | .3223078 |
| #2     | .0036258 | 3.523046 | 8.911539 | 2.944987 | 1.023770 | .3212317 |
| #3     | .0043835 | 3.554806 | 9.054103 | 2.968006 | 1.027935 | .3200985 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1687286 |
| Stddev | .0015736 |
| %RSD   | .9325955 |
| #1     | .1669769 |
| #2     | .1691867 |
| #3     | .1700223 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2630.530 | 32467.53 | 3057.783 | 2215.816 | 3111.373 |
| Stddev    | 8.712    | 106.11   | 22.593   | 15.635   | 11.048   |
| %RSD      | .3312034 | .3268074 | .7388747 | .7056114 | .3550762 |
| #1        | 2631.340 | 32454.26 | 3040.566 | 2210.823 | 3116.879 |
| #2        | 2638.809 | 32368.68 | 3083.366 | 2203.288 | 3118.585 |
| #3        | 2621.441 | 32579.64 | 3049.417 | 2233.338 | 3098.654 |

Sample Name: CCV035      Acquired: 12/16/2024 3:04:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV035      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.633866 | 4.656270 | 23.37756 | 4.625787 | 4.583277 | 369.4012 | 9.641832 |
| Stddev | .015405  | .006102  | .05459   | .013913  | .019428  | .4780    | .028145  |
| %RSD   | .3324419 | .1310479 | .2335198 | .3007674 | .4238986 | .1293851 | .2919030 |
| #1     | 4.621818 | 4.651284 | 23.35171 | 4.612497 | 4.584196 | 369.7398 | 9.629953 |
| #2     | 4.651223 | 4.654451 | 23.34069 | 4.624616 | 4.563405 | 368.8545 | 9.621575 |
| #3     | 4.628557 | 4.663074 | 23.44028 | 4.640249 | 4.602230 | 369.6094 | 9.673969 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4659313  | 2.345344 | 381.8063 | 14.96873 | 2.691768 | 14.64642 | 377.7879 |
| Stddev | .0013425 | .006926  | 1.2129   | .02770   | .008599  | .08217   | .8220    |
| %RSD   | .2881236 | .2953144 | .3176842 | .1850218 | .3194683 | .5610318 | .2175693 |
| #1     | 4645607  | 2.340653 | 383.1754 | 14.99868 | 2.689534 | 14.61182 | 377.9467 |
| #2     | 4659893  | 2.342080 | 380.8662 | 14.94406 | 2.684506 | 14.58722 | 376.8981 |
| #3     | 4672438  | 2.353299 | 381.3773 | 14.96344 | 2.701264 | 14.74024 | 378.5188 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.88186 | 373.8461 | 2.465952 | 1.153015 | 381.0415 | 2.349653 | 14.83779 |
| Stddev | .04804   | 1.0512   | .006875  | .001606  | 1.3506   | .011986  | .07538   |
| %RSD   | .3460363 | .2811808 | .2787976 | .1392640 | .3544502 | .5101099 | .5080252 |
| #1     | 13.85899 | 373.8174 | 2.464730 | 1.153393 | 380.6624 | 2.362620 | 14.86147 |
| #2     | 13.84954 | 372.8096 | 2.459770 | 1.151254 | 379.9210 | 2.338980 | 14.75341 |
| #3     | 13.93706 | 374.9113 | 2.473356 | 1.154398 | 382.5412 | 2.347357 | 14.89849 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 163.3080 | 4.717860 | 4.738762 | 4.528182 | 4.920209 | 4.679296 | 4.741588 |
| Stddev | .3703    | .012028  | .004290  | .012273  | .018048  | .004695  | .012533  |
| %RSD   | .2267460 | .2549565 | .0905267 | .2710304 | .3668131 | .1003255 | .2643187 |
| #1     | 163.4450 | 4.710672 | 4.733870 | 4.522669 | 4.905561 | 4.675751 | 4.738744 |
| #2     | 162.8887 | 4.711161 | 4.740538 | 4.519633 | 4.914695 | 4.684620 | 4.730722 |
| #3     | 163.5902 | 4.731746 | 4.741879 | 4.542245 | 4.940371 | 4.677517 | 4.755299 |

Sample Name: CCV035      Acquired: 12/16/2024 3:04:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV035      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.707272 | 4.524728 | 5.086849 |
| Stddev | .011811  | .011662  | .015809  |
| %RSD   | .2509044 | .2577413 | .3107805 |
| #1     | 4.707387 | 4.522819 | 5.074362 |
| #2     | 4.695404 | 4.514138 | 5.081562 |
| #3     | 4.719025 | 4.537227 | 5.104624 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1931.169 | 25721.88 | 2541.857 | 1622.186 | 2533.349 |
| Stddev    | 9.213    | 118.25   | 10.375   | 8.102    | 12.345   |
| %RSD      | .4770772 | .4597353 | .4081555 | .4994690 | .4872991 |
| #1        | 1928.105 | 25595.43 | 2533.885 | 1614.149 | 2529.739 |
| #2        | 1941.523 | 25829.73 | 2553.587 | 1630.352 | 2547.097 |
| #3        | 1923.878 | 25740.47 | 2538.098 | 1622.057 | 2523.212 |

Sample Name: CCB035      Acquired: 12/16/2024 3:08:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB035      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0026824</b> | <b>.0019203</b> | <b>.0045157</b> | <b>-.001920</b> | <b>.0003055</b> | <b>-.012279</b> |
| Stddev | .0032471        | .0019097        | .0028089        | .003394         | .0006539        | .015213         |
| %RSD   | 121.0521        | 99.44735        | 62.20317        | 176.7404        | 214.0563        | 123.9005        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0053536 | .0012756 | .0076727 | .001243  | -.000079 | -.010565 |
| #2 | .0036253 | .0004164 | .0022931 | -.005505 | -.000065 | .002005  |
| #3 | -.000932 | .0040688 | .0035812 | -.001498 | .001061  | -.028276 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0010729</b> | <b>.0000917</b> | <b>.0000332</b> | <b>-.001358</b> | <b>.0000839</b> | <b>-.000380</b> |
| Stddev | .0008613        | .0000519        | .0000272        | .045853         | .0009784        | .000298         |
| %RSD   | 80.28030        | 56.57616        | 81.82824        | 3377.045        | 1166.617        | 78.47941        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0020042 | .0001176 | .0000119 | -.049294 | .0008113 | -.000723 |
| #2 | .0009097 | .0001254 | .0000639 | .003140  | -.001028 | -.000183 |
| #3 | .0003049 | .0000319 | .0000239 | .042081  | .000469  | -.000234 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0021443</b> | <b>-.007064</b> | <b>.0006035</b> | <b>.0506138</b> | <b>.0006199</b> | <b>.0003125</b> |
| Stddev | .0097081        | .020985         | .0017991        | .0709930        | .0008540        | .0010487        |
| %RSD   | 452.7479        | 297.0807        | 298.1268        | 140.2641        | 137.7634        | 335.5366        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044470 | .014562  | .0018585 | .0615115 | .0007886 | .0011940 |
| #2 | -.008508 | -.027343 | -.001458 | -.025198 | .0013770 | .0005909 |
| #3 | .010494  | -.008409 | .001410  | .115528  | -.000306 | -.000847 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.696551</b> | <b>-.005525</b> | <b>-.008163</b> | <b>-1.00362</b> | <b>-.001684</b> | <b>.0191257</b> |
| Stddev | .598667         | .008190         | .007471         | .18434          | .001380         | .0012976        |
| %RSD   | 85.94723        | 148.2471        | 91.51463        | 18.36696        | 81.91864        | 6.784746        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.733239 | -.004044 | -.006368 | -1.10108 | -.002931 | .0206158 |
| #2 | -1.27603 | -.014354 | -.001754 | -.79102  | -.001920 | .0185167 |
| #3 | -.08038  | .001824  | -.016368 | -1.11877 | -.000202 | .0182446 |



Sample Name: CCB035      Acquired: 12/16/2024 3:08:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB035      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006651 | -.006174 | .0001258 | .0011933 | .0037827 | .0001689 |
| Stddev | .0007359 | .002527  | .0008102 | .0004626 | .0029619 | .0000449 |
| %RSD   | 110.6590 | 40.92286 | 644.0840 | 38.76711 | 78.30167 | 26.59000 |
| #1     | .0012476 | -.003257 | .0002010 | .0017192 | .0011544 | .0001218 |
| #2     | -.000162 | -.007670 | .0008957 | .0008490 | .0069920 | .0002112 |
| #3     | .000910  | -.007597 | -.000719 | .0010118 | .0032016 | .0001738 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0349936 |
| Stddev | .0037651   |
| %RSD   | 10.75941   |
| #1     | .0306981   |
| #2     | .0365608   |
| #3     | .0377220   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2329.467 | 28954.25 | 2636.485 | 1976.407 | 3223.233 |
| Stddev    | 3.270    | 439.05   | 22.086   | 31.812   | 4.730    |
| %RSD      | .1403820 | 1.516363 | .8376934 | 1.609598 | .1467457 |
| #1        | 2333.195 | 28798.18 | 2611.018 | 1968.294 | 3228.328 |
| #2        | 2328.119 | 29450.01 | 2650.377 | 2011.490 | 3222.389 |
| #3        | 2327.086 | 28614.55 | 2648.060 | 1949.436 | 3218.981 |

Sample Name: P5028-13      Acquired: 12/16/2024 3:12:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0818273 | .0252081 | .1622136 | -.038707 | .0186291 | 51.94394 | .5184834 |
| Stddev | .0029810 | .0043785 | .0013549 | .001264  | .0021808 | .49491   | .0044005 |
| %RSD   | 3.643084 | 17.36949 | .8352436 | 3.265697 | 11.70613 | .9527851 | .8487300 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0806485 | .0274829 | .1608555 | -.037369 | .0166355 | 51.76195 | .5161005 |
| #2 | .0796159 | .0201604 | .1635653 | -.038869 | .0209581 | 51.56579 | .5157883 |
| #3 | .0852175 | .0279811 | .1622202 | -.039882 | .0182938 | 52.50409 | .5235615 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049486 | .0034062 | 535.9600 | .0836858 | .1264214 | .2798148 | 175.4197 |
| Stddev | .0001170 | .0000554 | 6.5304   | .0009260 | .0002774 | .0099156 | 1.4909   |
| %RSD   | 2.365128 | 1.627298 | 1.218455 | 1.106504 | .2194642 | 3.543631 | .8499210 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048365 | .0034701 | 533.4697 | .0846286 | .1265301 | .2751365 | 174.8617 |
| #2 | .0050700 | .0033723 | 531.0412 | .0836513 | .1266280 | .2731038 | 174.2882 |
| #3 | .0049391 | .0033761 | 543.3692 | .0827776 | .1261061 | .2912040 | 177.1091 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.840853 | 124.3370 | .1663618 | -.014431 | .1733180 | .1900550 | .3547876 |
| Stddev | .052606  | .8352    | .0004942 | .000768  | .5945502 | .0140964 | .0075495 |
| %RSD   | .9006578 | .6717521 | .2970851 | 5.320374 | 343.0401 | 7.416982 | 2.127883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.818948 | 123.7655 | .1658327 | -.014623 | .2016158 | .2061103 | .3569843 |
| #2 | 5.802740 | 123.9499 | .1664413 | -.015084 | .7532140 | .1843463 | .3463834 |
| #3 | 5.900872 | 125.2955 | .1668115 | -.013585 | -.434876 | .1797084 | .3609951 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.375466 | 7.001167 | -.042855 | -.001852 | .6781727 | 5.814818 | .0170028 |
| Stddev | .154758  | .028536  | .002678  | .000264  | .0019601 | .037965  | .0016887 |
| %RSD   | 3.536946 | .4075828 | 6.247913 | 14.28137 | .2890263 | .6528925 | 9.931782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.434197 | 6.972353 | -.042767 | -.001702 | .6800507 | 5.784735 | .0171570 |
| #2 | 4.199939 | 7.001731 | -.045575 | -.001697 | .6761397 | 5.802244 | .0186091 |
| #3 | 4.492261 | 7.029416 | -.040222 | -.002157 | .6783276 | 5.857474 | .0152423 |

Sample Name: P5028-13      Acquired: 12/16/2024 3:12:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.156176 | .4613228 | .1714103 |
| Stddev | .005023  | .0034176 | .0019835 |
| %RSD   | .4344116 | .7408204 | 1.157190 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.153437 | .4590355 | .1701793 |
| #2 | 1.153118 | .4596815 | .1736985 |
| #3 | 1.161972 | .4652514 | .1703531 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2568.636 | 31620.16 | 3003.081 | 2159.373 | 2852.924 |
| Stddev    | 1.448    | 196.51   | 27.656   | 8.255    | 2.925    |
| %RSD      | .0563566 | .6214745 | .9209119 | .3823006 | .1025364 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2566.994 | 31493.90 | 3007.437 | 2160.385 | 2849.747 |
| #2 | 2569.729 | 31846.57 | 3028.301 | 2167.076 | 2853.518 |
| #3 | 2569.186 | 31520.02 | 2973.506 | 2150.658 | 2855.506 |

Sample Name: P5028-14      Acquired: 12/16/2024 3:16:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0801224 | .0108341 | 2.167778 | -.007910 | .0286265 | 76.57414 |
| Stddev | .0035399 | .0044112 | .009309  | .002639  | .0020568 | .10828   |
| %RSD   | 4.418101 | 40.71551 | .4294482 | 33.36295 | 7.185121 | .1414017 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0781901 | .0135019 | 2.159667 | -.008861 | .0306431 | 76.46874 |
| #2 | .0842080 | .0057425 | 2.165724 | -.009942 | .0287047 | 76.56858 |
| #3 | .0779692 | .0132579 | 2.177943 | -.004927 | .0265316 | 76.68509 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.174543 | .0068097 | .0059029 | 69.70908 | .1395473 | .1059829 |
| Stddev | .002473  | .0002805 | .0001549 | .27696   | .0007439 | .0005649 |
| %RSD   | .2105297 | 4.118538 | 2.624365 | .3973103 | .5330790 | .5329917 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.172621 | .0069524 | .0057303 | 69.57546 | .1396830 | .1057320 |
| #2 | 1.173674 | .0064866 | .0060298 | 70.02752 | .1387450 | .1055870 |
| #3 | 1.177332 | .0069901 | .0059487 | 69.52426 | .1402141 | .1066298 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2595257 | 166.9517 | 7.257596 | 32.36061 | .1986590 | -.012120 |
| Stddev | .0104102 | .3141    | .016295  | .09788   | .0011687 | .000436  |
| %RSD   | 4.011238 | .1881235 | .2245181 | .3024521 | .5882864 | 3.598848 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2574571 | 166.5936 | 7.243026 | 32.24790 | .1979524 | -.012624 |
| #2 | .2503051 | 167.1806 | 7.254569 | 32.40971 | .1980168 | -.011854 |
| #3 | .2708149 | 167.0808 | 7.275191 | 32.42421 | .2000080 | -.011883 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2058901 | .1823851 | 1.038712 | 9.669205 | F 10.77834 | -.030559 |
| Stddev | .4244467 | .0030233 | .021307  | .053439  | .02761     | .004187  |
| %RSD   | 206.1521 | 1.657640 | 2.051273 | .5526761 | .2561463   | 13.70121 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6407386 | .1794144 | 1.039247 | 9.609962 | 10.75762 | -.026912 |
| #2 | -.207328 | .1854583 | 1.059746 | 9.683878 | 10.76772 | -.029634 |
| #3 | .184259  | .1822826 | 1.017142 | 9.713775 | 10.80968 | -.035132 |

Sample Name: P5028-14      Acquired: 12/16/2024 3:16:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042383 | 3.717835 | 8.772130 | .0793635 | .9559300 | -.003387 |
| Stddev | .0002954 | .006806  | .050203  | .0020594 | .0055869 | .000452  |
| %RSD   | 6.969709 | .1830595 | .5722962 | 2.594861 | .5844477 | 13.33754 |
| #1     | .0039654 | 3.713704 | 8.745681 | .0772774 | .9499462 | -.003413 |
| #2     | .0041975 | 3.714110 | 8.740682 | .0794179 | .9610099 | -.003825 |
| #3     | .0045520 | 3.725690 | 8.830027 | .0813951 | .9568338 | -.002923 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1728319 |
| Stddev | .0069625 |
| %RSD   | 4.028456 |
| #1     | .1773500 |
| #2     | .1648139 |
| #3     | .1763319 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2712.521 | 33573.91 | 3119.629 | 2298.649 | 3190.811 |
| Stddev    | 15.372   | 104.04   | 19.524   | 10.918   | 17.559   |
| %RSD      | .5667180 | .3098716 | .6258313 | .4749658 | .5502847 |
| #1        | 2724.390 | 33687.09 | 3132.797 | 2309.577 | 3205.247 |
| #2        | 2718.017 | 33482.45 | 3128.892 | 2287.742 | 3195.923 |
| #3        | 2695.156 | 33552.19 | 3097.198 | 2298.629 | 3171.265 |

Sample Name: P5028-15      Acquired: 12/16/2024 3:20:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1180393 | .0134869 | .7857217 | -.001292 | .0353013 | 82.66583 | 1.620456 |
| Stddev | .0024011 | .0030323 | .0099837 | .003335  | .0019617 | .69373   | .016056  |
| %RSD   | 2.034186 | 22.48345 | 1.270641 | 258.0613 | 5.556880 | .8392039 | .9908318 |
| #1     | .1162610 | .0168102 | .7850279 | -.001455 | .0341721 | 82.67639 | 1.626001 |
| #2     | .1170864 | .0127802 | .7761029 | .002121  | .0341653 | 81.96688 | 1.602362 |
| #3     | .1207707 | .0108704 | .7960342 | -.004543 | .0375664 | 83.35423 | 1.633004 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076786 | .0072346 | 68.48598 | .1433946 | .1166414 | .2239227 | 195.9138 |
| Stddev | .0002723 | .0000623 | .66364   | .0007786 | .0013383 | .0038568 | 1.7412   |
| %RSD   | 3.545709 | .8614620 | .9690132 | .5429901 | 1.147334 | 1.722395 | .8887770 |
| #1     | .0075892 | .0072655 | 68.50163 | .1432501 | .1168373 | .2261862 | 195.9305 |
| #2     | .0074623 | .0071629 | 67.81466 | .1442353 | .1152159 | .2194695 | 194.1643 |
| #3     | .0079843 | .0072754 | 69.14166 | .1426983 | .1178709 | .2261126 | 197.6467 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.311105 | 32.23954 | .2067575 | -.015236 | .3773864 | .2127791 | .8954564 |
| Stddev | .081306  | .17465   | .0014264 | .000467  | .6436296 | .0036906 | .0048783 |
| %RSD   | .8732166 | .5417179 | .6898877 | 3.063579 | 170.5492 | 1.734481 | .5447882 |
| #1     | 9.317838 | 32.31849 | .2073388 | -.014812 | -.120034 | .2168420 | .8974437 |
| #2     | 9.226642 | 32.03935 | .2051323 | -.015159 | 1.104311 | .2096339 | .8898980 |
| #3     | 9.388835 | 32.36076 | .2078015 | -.015736 | .147882  | .2118615 | .8990273 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.774567 | 9.396508 | -.047355 | .0033822 | 2.511867 | 8.592472 | .2882656 |
| Stddev | .114832  | .051901  | .003196  | .0005075 | .018108  | .106373  | .0021091 |
| %RSD   | 1.308690 | .5523473 | 6.749718 | 15.00435 | .7208858 | 1.237984 | .7316449 |
| #1     | 8.751993 | 9.395273 | -.043894 | .0028575 | 2.517345 | 8.495457 | .2862973 |
| #2     | 8.672698 | 9.345235 | -.047974 | .0034184 | 2.491652 | 8.575739 | .2880076 |
| #3     | 8.899009 | 9.449016 | -.050196 | .0038705 | 2.526602 | 8.706221 | .2904917 |

Sample Name: P5028-15      Acquired: 12/16/2024 3:20:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9226519 | -.029660 | .1765718 |
| Stddev | .0147496 | .000318  | .0080362 |
| %RSD   | 1.598614 | 1.073528 | 4.551251 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9247704 | -.029412 | .1823606 |
| #2 | .9069575 | -.029549 | .1799582 |
| #3 | .9362277 | -.030019 | .1673966 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2696.838 | 32980.04 | 3086.242 | 2256.699 | 3135.610 |
| Stddev    | 7.410    | 186.72   | 21.910   | 17.119   | 13.947   |
| %RSD      | .2747815 | .5661515 | .7099349 | .7585837 | .4447999 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2692.702 | 32817.93 | 3103.999 | 2243.379 | 3126.392 |
| #2 | 2705.393 | 32937.99 | 3092.970 | 2250.709 | 3151.656 |
| #3 | 2692.417 | 33184.20 | 3061.756 | 2276.007 | 3128.782 |

Sample Name: P5028-16      Acquired: 12/16/2024 3:24:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0906435 | .0228638 | .4467666 | -.009299 | .0341973 | 92.22680 | 1.826887 |
| Stddev | .0025735 | .0030978 | .0016546 | .005003  | .0023786 | .13295   | .002361  |
| %RSD   | 2.839134 | 13.54913 | .3703384 | 53.79941 | 6.955392 | .1441501 | .1292531 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0919608 | .0219471 | .4484793 | -.004183 | .0343753 | 92.07572 | 1.824312 |
| #2 | .0922916 | .0203277 | .4466436 | -.014180 | .0364818 | 92.27874 | 1.827399 |
| #3 | .0876780 | .0263165 | .4451770 | -.009535 | .0317347 | 92.32593 | 1.828950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078207 | .0067025 | 118.5012 | .1402398 | .1359726 | .1091376 | 215.6744 |
| Stddev | .0000752 | .0002179 | .3307    | .0000627 | .0007983 | .0103597 | .5859    |
| %RSD   | .9617285 | 3.250236 | .2790934 | .0446836 | .5871414 | 9.492346 | .2716496 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078941 | .0065981 | 118.2987 | .1401676 | .1356902 | .0982909 | 215.1160 |
| #2 | .0078241 | .0065564 | 118.3221 | .1402792 | .1353538 | .1101922 | 215.6230 |
| #3 | .0077438 | .0069529 | 118.8829 | .1402727 | .1368738 | .1189296 | 216.2843 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.77703 | 36.39068 | .1919606 | -.016472 | .0971825 | .2287384 | .5366405 |
| Stddev | .01237   | .26743   | .0009246 | .000660  | .4765520 | .0064974 | .0049237 |
| %RSD   | .1050714 | .7348962 | .4816833 | 4.006902 | 490.3683 | 2.840553 | .9175062 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.76305 | 36.09334 | .1914363 | -.015922 | .6473943 | .2219534 | .5323783 |
| #2 | 11.78659 | 36.46714 | .1914173 | -.016289 | -.185133 | .2349038 | .5355130 |
| #3 | 11.78144 | 36.61156 | .1930282 | -.017204 | -.170714 | .2293581 | .5420302 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.408426 | 8.229977 | -.055634 | .0012760 | 2.326155 | 8.433932 | .0431183 |
| Stddev | .072130  | .039723  | .003167  | .0005712 | .015083  | .045823  | .0011277 |
| %RSD   | .9736267 | .4826563 | 5.691664 | 44.76265 | .6484124 | .5433197 | 2.615429 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.367405 | 8.227105 | -.052045 | .0013239 | 2.325287 | 8.409313 | .0420606 |
| #2 | 7.491712 | 8.191769 | -.056824 | .0006824 | 2.311525 | 8.405680 | .0443049 |
| #3 | 7.366161 | 8.271058 | -.058033 | .0018218 | 2.341654 | 8.486802 | .0429895 |



Sample Name: P5028-16      Acquired: 12/16/2024 3:24:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8815846 | -.012713 | .1942727 |
| Stddev | .0043877 | .000395  | .0021232 |
| %RSD   | .4977037 | 3.103977 | 1.092900 |
| #1     | .8783817 | -.013075 | .1967121 |
| #2     | .8797864 | -.012293 | .1932653 |
| #3     | .8865858 | -.012773 | .1928408 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2740.180 | 33506.39 | 3143.942 | 2296.314 | 3107.065 |
| Stddev    | 8.073    | 128.70   | 5.021    | 16.789   | 9.331    |
| %RSD      | .2946264 | .3841064 | .1597065 | .7311390 | .3003284 |
| #1        | 2748.862 | 33476.90 | 3143.626 | 2298.635 | 3111.394 |
| #2        | 2738.781 | 33395.00 | 3139.086 | 2278.485 | 3113.445 |
| #3        | 2732.898 | 33647.28 | 3149.114 | 2311.822 | 3096.355 |

Sample Name: P5028-17      Acquired: 12/16/2024 3:28:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0401698 | .0277826 | .1340391 | -.043313 | .0143853 | 58.01418 | .6003615 |
| Stddev | .0027969 | .0029821 | .0017430 | .005250  | .0029956 | .53669   | .0053946 |
| %RSD   | 6.962690 | 10.73365 | 1.300354 | 12.12069 | 20.82403 | .9250957 | .8985642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0389764 | .0277381 | .1358025 | -.041902 | .0178216 | 58.59594 | .6064419 |
| #2 | .0381676 | .0248230 | .1323173 | -.038912 | .0130095 | 57.53837 | .5961492 |
| #3 | .0433654 | .0307867 | .1339977 | -.049124 | .0123248 | 57.90823 | .5984934 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046967 | .0030481 | 508.6792 | .0899920 | .1167591 | .0787519 | 147.0885 |
| Stddev | .0000976 | .0001597 | 4.7489   | .0006754 | .0001054 | .0019563 | 1.5134   |
| %RSD   | 2.078232 | 5.238037 | .9335764 | .7504787 | .0902682 | 2.484182 | 1.028902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046958 | .0028752 | 513.8399 | .0894061 | .1166665 | .0778062 | 148.7334 |
| #2 | .0047947 | .0030788 | 504.4933 | .0898392 | .1168738 | .0774481 | 145.7551 |
| #3 | .0045995 | .0031901 | 507.7046 | .0907307 | .1167370 | .0810014 | 146.7769 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.901784 | 86.11130 | .1598345 | -.012668 | -.659522 | .1392864 | .2309328 |
| Stddev | .037452  | .79425   | .0008293 | .001014  | .826427  | .0041034 | .0026166 |
| %RSD   | .5426425 | .9223518 | .5188374 | 8.006612 | 125.3070 | 2.946029 | 1.133079 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.944811 | 86.99081 | .1589212 | -.012279 | .113907  | .1374927 | .2329389 |
| #2 | 6.876512 | 85.44642 | .1600419 | -.013820 | -.562153 | .1363852 | .2279731 |
| #3 | 6.884028 | 85.89666 | .1605403 | -.011906 | -1.53032 | .1439812 | .2318864 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.033958 | 6.902340 | -.024154 | -.002484 | .9807142 | 6.356189 | .0181663 |
| Stddev | .251093  | .017796  | .000407  | .000745  | .0072915 | .009202  | .0004839 |
| %RSD   | 3.569732 | .2578209 | 1.684498 | 30.01056 | .7434854 | .1447739 | 2.663491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.322781 | 6.890496 | -.024092 | -.001631 | .9794177 | 6.346915 | .0181287 |
| #2 | 6.911546 | 6.893720 | -.024588 | -.002806 | .9741579 | 6.356334 | .0177024 |
| #3 | 6.867547 | 6.922805 | -.023781 | -.003014 | .9885669 | 6.365318 | .0186679 |

Sample Name: P5028-17      Acquired: 12/16/2024 3:28:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKE9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9756635 | .4812043 | .1626660 |
| Stddev | .0007522 | .0032409 | .0035974 |
| %RSD   | .0770940 | .6735062 | 2.211540 |
| #1     | .9762036 | .4848973 | .1666048 |
| #2     | .9748044 | .4788334 | .1618395 |
| #3     | .9759825 | .4798821 | .1595538 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2527.486 | 31271.74 | 2978.723 | 2136.771 | 2858.122 |
| Stddev    | 4.726    | 94.74    | 17.479   | 12.759   | 3.547    |
| %RSD      | .1869984 | .3029622 | .5868009 | .5971290 | .1240992 |
| #1        | 2524.681 | 31163.37 | 2958.545 | 2123.082 | 2854.859 |
| #2        | 2532.943 | 31338.90 | 2989.217 | 2148.332 | 2861.898 |
| #3        | 2524.834 | 31312.94 | 2988.407 | 2138.900 | 2857.611 |

Sample Name: P5028-18      Acquired: 12/16/2024 3:32:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0323830 | .0271533 | .1026907 | -.042698 | .0113217 | 52.40803 | .4889518 |
| Stddev | .0044178 | .0012418 | .0040975 | .005425  | .0027018 | .39679   | .0033459 |
| %RSD   | 13.64239 | 4.573223 | 3.990131 | 12.70614 | 23.86419 | .7571101 | .6842930 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0340575 | .0263966 | .1005633 | -.048428 | .0144394 | 52.86618 | .4926985 |
| #2 | .0273727 | .0285864 | .1000944 | -.037641 | .0098604 | 52.17566 | .4878946 |
| #3 | .0357188 | .0264769 | .1074143 | -.042023 | .0096652 | 52.18224 | .4862621 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041662 | .0023629 | 446.7786 | .0829917 | .1145987 | .0810929 | 127.8873 |
| Stddev | .0000070 | .0000673 | 4.2421   | .0010097 | .0002286 | .0047799 | 1.2051   |
| %RSD   | .1676626 | 2.847099 | .9494819 | 1.216638 | .1994565 | 5.894302 | .9423141 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041636 | .0022896 | 451.6338 | .0841575 | .1143660 | .0859897 | 129.1724 |
| #2 | .0041742 | .0023771 | 444.9127 | .0823976 | .1146071 | .0764392 | 126.7825 |
| #3 | .0041610 | .0024219 | 443.7893 | .0824200 | .1148229 | .0808498 | 127.7069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.285360 | 85.39471 | .1478718 | -.010438 | -.688846 | .1284619 | .2006553 |
| Stddev | .059629  | 1.16662  | .0010420 | .000263  | .041033  | .0055192 | .0093544 |
| %RSD   | .9486942 | 1.366147 | .7046327 | 2.516867 | 5.956771 | 4.296344 | 4.661928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.352005 | 86.64717 | .1467614 | -.010238 | -.659242 | .1348270 | .1966246 |
| #2 | 6.237058 | 84.33894 | .1480257 | -.010736 | -.735686 | .1255546 | .2113493 |
| #3 | 6.267016 | 85.19802 | .1488282 | -.010341 | -.671611 | .1250042 | .1939919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.268435 | 6.454422 | -.011483 | -.002672 | .5648682 | 6.210696 | .0160064 |
| Stddev | .141157  | .030592  | .003495  | .000257  | .0065356 | .047072  | .0015571 |
| %RSD   | 1.942058 | .4739748 | 30.43951 | 9.635002 | 1.157016 | .7579186 | 9.727987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.293633 | 6.420532 | -.009851 | -.002881 | .5656305 | 6.260473 | .0153528 |
| #2 | 7.116376 | 6.462739 | -.015496 | -.002752 | .5579849 | 6.166901 | .0148826 |
| #3 | 7.395296 | 6.479997 | -.009103 | -.002384 | .5709893 | 6.204713 | .0177838 |

Sample Name: P5028-18      Acquired: 12/16/2024 3:32:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKF0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9629209 | .4965460 | .1496687 |
| Stddev | .0114592 | .0047210 | .0032858 |
| %RSD   | 1.190043 | .9507702 | 2.195389 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9759163 | .5019309 | .1534444 |
| #2 | .9542663 | .4931190 | .1481039 |
| #3 | .9585801 | .4945879 | .1474578 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2520.201 | 30999.11 | 2973.597 | 2110.312 | 2885.262 |
| Stddev    | 1.735    | 50.59    | 20.294   | 2.466    | 5.382    |
| %RSD      | .0688369 | .1632038 | .6824758 | .1168684 | .1865483 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2521.842 | 30976.72 | 2958.307 | 2109.617 | 2890.808 |
| #2 | 2520.375 | 30963.57 | 2996.621 | 2113.051 | 2884.918 |
| #3 | 2518.385 | 31057.03 | 2965.863 | 2108.267 | 2880.060 |

Sample Name: P5028-19      Acquired: 12/16/2024 3:36:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0333256 | .0288740 | .1068121 | -.042593 | .0167052 | 54.90930 | .6629502 |
| Stddev | .0034975 | .0011401 | .0028391 | .003629  | .0035809 | .12372   | .0000215 |
| %RSD   | 10.49478 | 3.948694 | 2.658060 | 8.519624 | 21.43603 | .2253178 | .0032511 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0346962 | .0293808 | .1082051 | -.046542 | .0175484 | 54.84116 | .6629302 |
| #2 | .0359301 | .0296729 | .1035455 | -.039406 | .0197893 | 54.83463 | .6629730 |
| #3 | .0293504 | .0275683 | .1086857 | -.041830 | .0127779 | 55.05211 | .6629473 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040986 | .0028135 | 452.3218 | .0864326 | .1164188 | .1147641 | 140.2180 |
| Stddev | .0000629 | .0001047 | .9506    | .0005104 | .0008000 | .0080948 | .1448    |
| %RSD   | 1.535964 | 3.722507 | .2101545 | .5905261 | .6871516 | 7.053438 | .1032680 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040914 | .0027078 | 451.5799 | .0862612 | .1172113 | .1071776 | 140.3666 |
| #2 | .0041648 | .0028153 | 451.9921 | .0860300 | .1164336 | .1232859 | 140.0773 |
| #3 | .0040395 | .0029173 | 453.3933 | .0870067 | .1156115 | .1138288 | 140.2100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.241922 | 71.66292 | .1726710 | -.012485 | -.915675 | .1287715 | .2142793 |
| Stddev | .023679  | .17731   | .0003491 | .000748  | .810275  | .0043124 | .0004720 |
| %RSD   | .2872960 | .2474195 | .2021504 | 5.994234 | 88.48940 | 3.348886 | .2202856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.237031 | 71.62878 | .1727203 | -.011739 | -.967065 | .1273633 | .2146526 |
| #2 | 8.221070 | 71.50517 | .1723000 | -.012481 | -1.69903 | .1336119 | .2144365 |
| #3 | 8.267664 | 71.85482 | .1729929 | -.013236 | -.08093  | .1253391 | .2137487 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.855516 | 5.931563 | -.027281 | -.002163 | .6245195 | 6.205495 | .0143751 |
| Stddev | .052572  | .016168  | .000274  | .000251  | .0030245 | .060333  | .0014498 |
| %RSD   | .7668544 | .2725796 | 1.005917 | 11.61703 | .4842909 | .9722487 | 10.08562 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.905224 | 5.919330 | -.027052 | -.002379 | .6270422 | 6.145994 | .0159235 |
| #2 | 6.800485 | 5.925466 | -.027585 | -.001887 | .6211666 | 6.266626 | .0141522 |
| #3 | 6.860839 | 5.949894 | -.027205 | -.002221 | .6253497 | 6.203866 | .0130497 |

Sample Name: P5028-19      Acquired: 12/16/2024 3:36:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKF1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9713329 | .4564660 | .1548927 |
| Stddev | .0031457 | .0008432 | .0061531 |
| %RSD   | .3238528 | .1847144 | 3.972487 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9711427 | .4571192 | .1542646 |
| #2 | .9682866 | .4555142 | .1613357 |
| #3 | .9745694 | .4567645 | .1490777 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2543.489 | 31226.85 | 2991.884 | 2135.076 | 2921.185 |
| Stddev    | 3.527    | 75.23    | 23.446   | 8.159    | 4.433    |
| %RSD      | .1386710 | .2409040 | .7836622 | .3821357 | .1517619 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2546.196 | 31159.86 | 3010.839 | 2130.227 | 2925.188 |
| #2 | 2544.770 | 31212.47 | 2965.665 | 2130.506 | 2916.420 |
| #3 | 2539.500 | 31308.23 | 2999.148 | 2144.496 | 2921.946 |

Sample Name: P5028-20      Acquired: 12/16/2024 3:40:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0269332 | .0257335 | .1049494 | -.046095 | .0055116 | 46.59623 | .4070136 |
| Stddev | .0083812 | .0014580 | .0035421 | .001412  | .0047116 | .04710   | .0006549 |
| %RSD   | 31.11860 | 5.665821 | 3.375013 | 3.064044 | 85.48414 | .1010718 | .1609011 |
| #1     | .0305508 | .0248683 | .1014690 | -.045599 | .0029105 | 46.54380 | .4077683 |
| #2     | .0173507 | .0249153 | .1048290 | -.044997 | .0026740 | 46.60994 | .4066774 |
| #3     | .0328980 | .0274168 | .1085501 | -.047688 | .0109503 | 46.63495 | .4065951 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037719 | .0020283 | 431.8354 | .0804505 | .1026775 | .1313202 | 111.5904 |
| Stddev | .0000816 | .0000770 | .2330    | .0009268 | .0007654 | .0064525 | .3247    |
| %RSD   | 2.164349 | 3.795235 | .0539632 | 1.152067 | .7454919 | 4.913593 | .2910141 |
| #1     | .0036807 | .0021086 | 431.9304 | .0811194 | .1029863 | .1372512 | 111.3493 |
| #2     | .0038381 | .0020211 | 431.5698 | .0793926 | .1018059 | .1322601 | 111.9597 |
| #3     | .0037970 | .0019551 | 432.0058 | .0808397 | .1032404 | .1244492 | 111.4623 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.207109 | 82.75692 | .1380045 | -.010015 | -1.12983 | .1161791 | .2378323 |
| Stddev | .019284  | .36050   | .0008712 | .000237  | .84705   | .0070894 | .0078403 |
| %RSD   | .4583745 | .4356133 | .6312996 | 2.366893 | 74.97084 | 6.102164 | 3.296578 |
| #1     | 4.187394 | 82.38415 | .1379501 | -.010273 | -.64958  | .1090490 | .2363122 |
| #2     | 4.225932 | 83.10375 | .1371617 | -.009807 | -.63206  | .1232272 | .2308634 |
| #3     | 4.208002 | 82.78285 | .1389016 | -.009965 | -2.10786 | .1162609 | .2463214 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.373712 | 5.262961 | -.016362 | -.002565 | .6748325 | 5.717701 | .0138735 |
| Stddev | .139631  | .022399  | .000841  | .000306  | .0091025 | .023356  | .0026547 |
| %RSD   | 2.598402 | .4255975 | 5.142026 | 11.91772 | 1.348852 | .4084870 | 19.13532 |
| #1     | 5.293926 | 5.267979 | -.016149 | -.002299 | .6678276 | 5.691330 | .0113123 |
| #2     | 5.292269 | 5.238478 | -.015647 | -.002498 | .6715487 | 5.735778 | .0166128 |
| #3     | 5.534940 | 5.282425 | -.017289 | -.002899 | .6851213 | 5.725996 | .0136954 |



Sample Name: P5028-20      Acquired: 12/16/2024 3:40:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKF2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8865804 | .4598073 | .1407423 |
| Stddev | .0020701 | .0012195 | .0044601 |
| %RSD   | .2334959 | .2652269 | 3.168979 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8862370 | .4588552 | .1419794 |
| #2 | .8888008 | .4611819 | .1357943 |
| #3 | .8847034 | .4593847 | .1444533 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2487.411 | 30744.02 | 2937.674 | 2100.468 | 2910.023 |
| Stddev    | 7.942    | 95.52    | 11.226   | 11.817   | 13.128   |
| %RSD      | .3192725 | .3107084 | .3821412 | .5626056 | .4511141 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2493.552 | 30692.84 | 2943.851 | 2099.631 | 2911.616 |
| #2 | 2490.238 | 30685.00 | 2924.716 | 2089.092 | 2922.281 |
| #3 | 2478.443 | 30854.23 | 2944.455 | 2112.682 | 2896.172 |

Sample Name: P5028-21      Acquired: 12/16/2024 3:43:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0248337 | .0275624 | .0988636 | -.042704 | .0109546 | 50.47525 | .4467877 |
| Stddev | .0005672 | .0055606 | .0012365 | .005272  | .0013971 | .42752   | .0044362 |
| %RSD   | 2.283984 | 20.17463 | 1.250732 | 12.34509 | 12.75368 | .8469800 | .9929138 |
| #1     | .0253309 | .0334882 | .0984020 | -.039226 | .0125342 | 50.69139 | .4493760 |
| #2     | .0249543 | .0224584 | .1002645 | -.040115 | .0104484 | 50.75153 | .4493218 |
| #3     | .0242159 | .0267405 | .0979243 | -.048769 | .0098811 | 49.98282 | .4416653 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040077 | .0024726 | 459.1268 | .0824420 | .1077976 | .0895759 | 128.2961 |
| Stddev | .0001861 | .0001637 | 3.3559   | .0003198 | .0005341 | .0059282 | 1.2827   |
| %RSD   | 4.643480 | 6.620293 | .7309307 | .3879624 | .4955042 | 6.618042 | .9997642 |
| #1     | .0038522 | .0022863 | 461.0438 | .0822996 | .1074744 | .0929938 | 128.9914 |
| #2     | .0039570 | .0025384 | 461.0848 | .0822180 | .1075043 | .0827307 | 129.0810 |
| #3     | .0042139 | .0025933 | 455.2518 | .0828083 | .1084142 | .0930034 | 126.8159 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.213022 | 85.94618 | .1460671 | -.011085 | -.874002 | .1317901 | .1950241 |
| Stddev | .059297  | .89469   | .0009139 | .000331  | .136181  | .0052645 | .0027607 |
| %RSD   | .9543970 | 1.040985 | .6256593 | 2.987306 | 15.58126 | 3.994635 | 1.415567 |
| #1     | 6.247194 | 86.46977 | .1451071 | -.010977 | -1.02001 | .1375623 | .1981798 |
| #2     | 6.247319 | 86.45566 | .1461676 | -.010821 | -.75044  | .1272527 | .1930558 |
| #3     | 6.144551 | 84.91312 | .1469265 | -.011456 | -.85156  | .1305554 | .1938368 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.984936 | 6.365888 | -.019024 | -.002885 | .6026914 | 6.479707 | .0164379 |
| Stddev | .167691  | .017327  | .003243  | .000597  | .0039126 | .071103  | .0025133 |
| %RSD   | 2.400752 | .2721785 | 17.04877 | 20.68113 | .6491900 | 1.097323 | 15.28976 |
| #1     | 7.032744 | 6.351973 | -.021941 | -.003445 | .5985976 | 6.561637 | .0191383 |
| #2     | 7.123533 | 6.360395 | -.019599 | -.002258 | .6063933 | 6.443348 | .0141670 |
| #3     | 6.798533 | 6.385295 | -.015531 | -.002952 | .6030832 | 6.434135 | .0160084 |

Sample Name: P5028-21      Acquired: 12/16/2024 3:43:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.081844 | .4807434 | .1469831 |
| Stddev | .008362  | .0048952 | .0063438 |
| %RSD   | .7729236 | 1.018255 | 4.316044 |
| #1     | 1.087525 | .4848209 | .1514126 |
| #2     | 1.085765 | .4820949 | .1498209 |
| #3     | 1.072242 | .4753145 | .1397157 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2501.650 | 30940.86 | 2980.939 | 2105.637 | 2854.034 |
| Stddev    | 7.343    | 21.91    | 11.989   | 4.768    | 8.251    |
| %RSD      | .2935442 | .0708124 | .4022053 | .2264298 | .2890931 |
| #1        | 2506.277 | 30956.05 | 2967.353 | 2107.848 | 2860.500 |
| #2        | 2505.490 | 30950.79 | 2985.429 | 2100.165 | 2856.861 |
| #3        | 2493.182 | 30915.74 | 2990.036 | 2108.897 | 2844.742 |

Sample Name: P5028-22      Acquired: 12/16/2024 3:47:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0309436 | .0163940 | .1246981 | -.032417 | .0129738 | 53.88900 | .4775881 |
| Stddev | .0069723 | .0020978 | .0035330 | .003258  | .0027466 | .31785   | .0027970 |
| %RSD   | 22.53237 | 12.79591 | 2.833210 | 10.05121 | 21.17062 | .5898284 | .5856499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0289863 | .0148351 | .1271660 | -.030010 | .0149950 | 54.15410 | .4799137 |
| #2 | .0251591 | .0155679 | .1262774 | -.031116 | .0098466 | 53.97627 | .4783661 |
| #3 | .0386854 | .0187791 | .1206510 | -.036124 | .0140798 | 53.53663 | .4744845 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046227 | .0020902 | 221.0285 | .0877163 | .1020479 | .1233088 | 135.3665 |
| Stddev | .0001401 | .0001022 | 1.2384   | .0006930 | .0009720 | .0085858 | .8955    |
| %RSD   | 3.031199 | 4.890174 | .5602882 | .7901067 | .9524681 | 6.962834 | .6615719 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044743 | .0020152 | 222.1526 | .0883070 | .1010637 | .1332115 | 136.0628 |
| #2 | .0047527 | .0022066 | 221.2320 | .0878884 | .1020727 | .1179480 | 135.6805 |
| #3 | .0046413 | .0020487 | 219.7010 | .0869534 | .1030072 | .1187668 | 134.3563 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.368266 | 68.92070 | .1492884 | -.011912 | -.152104 | .1363397 | .2445050 |
| Stddev | .018066  | .51631   | .0010649 | .000583  | .109977  | .0030293 | .0058486 |
| %RSD   | .5363531 | .7491392 | .7132814 | 4.895331 | 72.30423 | 2.221893 | 2.392027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.377700 | 69.27933 | .1484547 | -.011421 | -.030415 | .1328854 | .2437694 |
| #2 | 3.379663 | 69.15383 | .1489227 | -.012557 | -.244394 | .1385438 | .2390589 |
| #3 | 3.347437 | 68.32893 | .1504880 | -.011758 | -.181502 | .1375900 | .2506866 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.961850 | 5.877181 | -.033798 | -.001723 | .7024415 | 6.249825 | .0160553 |
| Stddev | .132101  | .025082  | .003645  | .000465  | .0028471 | .044002  | .0009439 |
| %RSD   | 3.334314 | .4267661 | 10.78407 | 26.96332 | .4053125 | .7040479 | 5.878864 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.830471 | 5.865780 | -.030238 | -.001656 | .7013678 | 6.238605 | .0164974 |
| #2 | 3.960421 | 5.859824 | -.037522 | -.001295 | .7056693 | 6.298351 | .0149716 |
| #3 | 4.094660 | 5.905938 | -.033635 | -.002217 | .7002874 | 6.212520 | .0166971 |

Sample Name: P5028-22      Acquired: 12/16/2024 3:47:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9559920 | .1309453 | .1415959 |
| Stddev | .0066240 | .0009473 | .0024213 |
| %RSD   | .6928908 | .7234129 | 1.710000 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9552827 | .1318906 | .1436914 |
| #2 | .9629421 | .1309495 | .1421510 |
| #3 | .9497512 | .1299960 | .1389452 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2566.600 | 31530.98 | 2966.394 | 2151.617 | 3009.159 |
| Stddev    | 1.828    | 201.91   | 13.324   | 12.347   | 2.311    |
| %RSD      | .0712387 | .6403538 | .4491570 | .5738397 | .0767827 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2568.441 | 31311.49 | 2971.281 | 2138.591 | 3007.404 |
| #2 | 2564.784 | 31708.81 | 2951.316 | 2163.149 | 3011.777 |
| #3 | 2566.576 | 31572.65 | 2976.583 | 2153.111 | 3008.297 |

Sample Name: P5037-01      Acquired: 12/16/2024 3:51:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK52      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1188367 | .0229468 | 1.427445 | .0082117 | .0264666 | 63.80558 | .8286816 |
| Stddev | .0017024 | .0030915 | .021611  | .0048065 | .0024863 | .19156   | .0011841 |
| %RSD   | 1.432530 | 13.47230 | 1.513953 | 58.53211 | 9.393956 | .3002234 | .1428904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1171768 | .0245995 | 1.452398 | .0114560 | .0292426 | 63.78588 | .8290813 |
| #2 | .1205786 | .0248607 | 1.415169 | .0104893 | .0257127 | 63.62463 | .8273494 |
| #3 | .1187547 | .0193803 | 1.414769 | .0026898 | .0244446 | 64.00623 | .8296141 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059259 | .0064504 | 41.54421 | .0931478 | .1354095 | .2459212 | 155.0815 |
| Stddev | .0000245 | .0001716 | .10482   | .0007821 | .0025998 | .0046637 | .4553    |
| %RSD   | .4127217 | 2.660304 | .2523065 | .8396250 | 1.919964 | 1.896427 | .2936117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059261 | .0066465 | 41.56619 | .0937381 | .1384109 | .2462125 | 154.9284 |
| #2 | .0059014 | .0063278 | 41.43015 | .0934445 | .1338568 | .2411187 | 154.7224 |
| #3 | .0059503 | .0063770 | 41.63630 | .0922608 | .1339608 | .2504325 | 155.5936 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.07266 | 20.86666 | .1371660 | -.008358 | 6.263444 | .1454404 | .5724261 |
| Stddev | .04759   | .06091   | .0028565 | .000512  | .665597  | .0078412 | .0125289 |
| %RSD   | .2787461 | .2919194 | 2.082504 | 6.128142 | 10.62669 | 5.391380 | 2.188743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.02820 | 20.81488 | .1404232 | -.007832 | 5.908867 | .1399996 | .5860287 |
| #2 | 17.06692 | 20.93378 | .1350878 | -.008855 | 7.031262 | .1544285 | .5698911 |
| #3 | 17.12286 | 20.85133 | .1359869 | -.008387 | 5.850202 | .1418933 | .5613585 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.030897 | 4.277709 | -.054026 | .0068735 | 3.192043 | 6.594645 | .0455610 |
| Stddev | .093944  | .068383  | .002547  | .0004205 | .055773  | .031489  | .0012205 |
| %RSD   | 2.330607 | 1.598588 | 4.713949 | 6.116909 | 1.747248 | .4774928 | 2.678771 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.057051 | 4.356465 | -.051848 | .0073216 | 3.253252 | 6.581862 | .0456563 |
| #2 | 4.108992 | 4.233402 | -.053403 | .0064877 | 3.144099 | 6.571559 | .0442956 |
| #3 | 3.926646 | 4.243260 | -.056826 | .0068113 | 3.178777 | 6.630516 | .0467309 |

Sample Name: P5037-01      Acquired: 12/16/2024 3:51:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK52      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.397435 | .1366960 | .0775338 |
| Stddev | .005674  | .0006138 | .0061285 |
| %RSD   | .4060309 | .4490360 | 7.904313 |
| #1     | 1.398973 | .1370996 | .0824502 |
| #2     | 1.391150 | .1359896 | .0794837 |
| #3     | 1.402181 | .1369988 | .0706676 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2597.526 | 32291.63 | 2989.493 | 2198.666 | 3086.616 |
| Stddev    | 32.270   | 152.58   | 9.248    | 11.719   | 53.155   |
| %RSD      | 1.242321 | .4725031 | .3093389 | .5330168 | 1.722105 |
| #1        | 2560.472 | 32154.03 | 2978.841 | 2185.838 | 3025.568 |
| #2        | 2612.655 | 32265.14 | 2994.182 | 2201.346 | 3111.634 |
| #3        | 2619.452 | 32455.72 | 2995.458 | 2208.812 | 3122.645 |

Sample Name: P5037-02      Acquired: 12/16/2024 3:55:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK53      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1339546</b> | <b>.0125370</b> | <b>.8019176</b> | <b>.0154747</b> | <b>.0373310</b> | <b>75.82872</b> | <b>.6829139</b> |
| Stddev | .0052958        | .0030962        | .0058262        | .0007621        | .0028479        | .22481          | .0007883        |
| %RSD   | 3.953427        | 24.69679        | .7265295        | 4.924701        | 7.628778        | .2964718        | .1154329        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1368652</b> | <b>.0093584</b> | <b>.7980652</b> | <b>.0146041</b> | <b>.0362330</b> | <b>75.59225</b> | <b>.6820057</b> |
| #2 | <b>.1371568</b> | <b>.0155437</b> | <b>.8086201</b> | <b>.0157991</b> | <b>.0405645</b> | <b>75.85422</b> | <b>.6834212</b> |
| #3 | <b>.1278419</b> | <b>.0127089</b> | <b>.7990674</b> | <b>.0160209</b> | <b>.0351955</b> | <b>76.03970</b> | <b>.6833147</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0065620</b> | <b>.0053673</b> | <b>25.87885</b> | <b>.1029440</b> | <b>.1424757</b> | <b>.2327705</b> | <b>199.1999</b> |
| Stddev | .0001270        | .0001041        | .11585          | .0007692        | .0007821        | .0060031        | .6836           |
| %RSD   | 1.934616        | 1.940132        | .4476518        | .7471604        | .5489365        | 2.578996        | .3431673        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0066940</b> | <b>.0054449</b> | <b>25.74528</b> | <b>.1021047</b> | <b>.1416473</b> | <b>.2349854</b> | <b>198.4313</b> |
| #2 | <b>.0065513</b> | <b>.0054080</b> | <b>25.93938</b> | <b>.1036153</b> | <b>.1432014</b> | <b>.2259746</b> | <b>199.4284</b> |
| #3 | <b>.0064408</b> | <b>.0052489</b> | <b>25.95190</b> | <b>.1031119</b> | <b>.1425784</b> | <b>.2373515</b> | <b>199.7399</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>16.27215</b> | <b>18.97654</b> | <b>.1544237</b> | <b>-.012843</b> | <b>6.908788</b> | <b>.1629317</b> | <b>.5519174</b> |
| Stddev | .04561          | .04634          | .0026655        | .000527         | .693061         | .0029908        | .0086005        |
| %RSD   | .2802759        | .2441981        | 1.726106        | 4.105259        | 10.03159        | 1.835610        | 1.558290        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>16.21957</b> | <b>18.94733</b> | <b>.1536154</b> | <b>-.012991</b> | <b>7.619817</b> | <b>.1653569</b> | <b>.5450275</b> |
| #2 | <b>16.30097</b> | <b>19.02997</b> | <b>.1573998</b> | <b>-.013280</b> | <b>6.235213</b> | <b>.1638484</b> | <b>.5491684</b> |
| #3 | <b>16.29591</b> | <b>18.95231</b> | <b>.1522558</b> | <b>-.012257</b> | <b>6.871334</b> | <b>.1595899</b> | <b>.5615563</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.349517</b> | <b>2.960638</b> | <b>-.074234</b> | <b>.0050409</b> | <b>2.716830</b> | <b>7.507454</b> | <b>.0363798</b> |
| Stddev | .126456         | .016414         | .002841         | .0002877        | .018755         | .024323         | .0007072        |
| %RSD   | 2.907355        | .5544191        | 3.826582        | 5.706991        | .6903373        | .3239828        | 1.943969        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4.208199</b> | <b>2.952243</b> | <b>-.072036</b> | <b>.0048828</b> | <b>2.700959</b> | <b>7.507032</b> | <b>.0368382</b> |
| #2 | <b>4.452005</b> | <b>2.979552</b> | <b>-.073224</b> | <b>.0048669</b> | <b>2.737526</b> | <b>7.531985</b> | <b>.0355654</b> |
| #3 | <b>4.388345</b> | <b>2.950119</b> | <b>-.077442</b> | <b>.0053729</b> | <b>2.712004</b> | <b>7.483344</b> | <b>.0367360</b> |



Sample Name: P5037-02      Acquired: 12/16/2024 3:55:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK53      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Sr4077   | Li6707   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.102371 | -.066817 | .0956922 |
| Stddev | .002538  | .000214  | .0067492 |
| %RSD   | .2302087 | .3198492 | 7.053080 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.100579 | -.066619 | .0933394 |
| #2 | 1.105275 | -.066789 | .0904342 |
| #3 | 1.101258 | -.067043 | .1033029 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2668.967 | 33123.13 | 3048.314 | 2258.915 | 3091.974 |
| Stddev    | 23.757   | 130.37   | 5.115    | 6.063    | 29.664   |
| %RSD      | .8901222 | .3935812 | .1678039 | .2684118 | .9593998 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2691.143 | 33273.57 | 3053.969 | 2265.771 | 3116.459 |
| #2 | 2643.895 | 33043.21 | 3046.965 | 2254.259 | 3058.987 |
| #3 | 2671.862 | 33052.62 | 3044.009 | 2256.716 | 3100.477 |

Sample Name: P5037-03      Acquired: 12/16/2024 3:59:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK54      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1887654 | .0272317 | 1.203083 | .0172627 | .0433278 | 63.03595 | .7266093 |
| Stddev | .0027803 | .0003850 | .010560  | .0040409 | .0006575 | .04142   | .0027772 |
| %RSD   | 1.472873 | 1.413642 | .8777586 | 23.40842 | 1.517491 | .0657059 | .3822157 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1893918 | .0275213 | 1.196508 | .0160886 | .0438748 | 62.99045 | .7234138 |
| #2 | .1857254 | .0273791 | 1.215264 | .0139388 | .0425984 | 63.07146 | .7284406 |
| #3 | .1911790 | .0267949 | 1.197477 | .0217606 | .0435103 | 63.04593 | .7279735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079849 | .0104472 | 30.41243 | .0974341 | .1776679 | .2946728 | 238.8338 |
| Stddev | .0001045 | .0000932 | .05573   | .0003681 | .0014968 | .0013809 | .4073    |
| %RSD   | 1.308300 | .8918549 | .1832524 | .3777697 | .8424730 | .4686045 | .1705405 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078654 | .0104916 | 30.35531 | .0976657 | .1763013 | .2930785 | 238.7257 |
| #2 | .0080307 | .0105099 | 30.46666 | .0976270 | .1792676 | .2954858 | 239.2842 |
| #3 | .0080586 | .0103401 | 30.41531 | .0970097 | .1774349 | .2954542 | 238.4914 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.18543 | 18.55146 | .2050865 | -.017680 | 6.781146 | .1425593 | 1.963379 |
| Stddev | .02646   | .06715   | .0031267 | .000395  | .199851  | .0045431 | .015125  |
| %RSD   | .1311076 | .3619552 | 1.524577 | 2.231705 | 2.947161 | 3.186793 | .7703701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 20.15487 | 18.62898 | .2031639 | -.018026 | 6.909458 | .1373707 | 1.959823 |
| #2 | 20.20079 | 18.51419 | .2086943 | -.017765 | 6.550880 | .1458233 | 1.979965 |
| #3 | 20.20062 | 18.51121 | .2034014 | -.017250 | 6.883099 | .1444839 | 1.950348 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.409813 | 5.049037 | -.084291 | .0030410 | 3.426111 | 5.443353 | .0346634 |
| Stddev | .114976  | .038537  | .001841  | .0003980 | .027813  | .014031  | .0002156 |
| %RSD   | 2.607272 | .7632568 | 2.184549 | 13.08621 | .8118075 | .2577702 | .6219083 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.408306 | 5.018381 | -.082821 | .0029368 | 3.403576 | 5.428443 | .0346196 |
| #2 | 4.295597 | 5.092298 | -.083695 | .0034807 | 3.457196 | 5.456298 | .0348975 |
| #3 | 4.525534 | 5.036433 | -.086356 | .0027056 | 3.417562 | 5.445319 | .0344731 |

Sample Name: P5037-03      Acquired: 12/16/2024 3:59:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK54      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7017952 | -.125918 | .0862491 |
| Stddev | .0064145 | .000607  | .0012778 |
| %RSD   | .9140121 | .4817575 | 1.481524 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7064416 | -.126092 | .0848468 |
| #2 | .7044675 | -.126419 | .0873476 |
| #3 | .6944767 | -.125244 | .0865530 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3198.305 | 39556.20 | 3651.157 | 2691.528 | 3051.673 |
| Stddev    | 3.404    | 155.96   | 2.432    | 4.211    | 9.067    |
| %RSD      | .1064439 | .3942721 | .0666164 | .1564542 | .2971226 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3196.972 | 39383.69 | 3648.411 | 2686.983 | 3059.845 |
| #2 | 3195.770 | 39687.21 | 3652.019 | 2695.297 | 3041.918 |
| #3 | 3202.175 | 39597.69 | 3653.041 | 2692.305 | 3053.255 |

Sample Name: P5037-04      Acquired: 12/16/2024 4:03:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0645795 | .0179147 | 2.027331 | -.026374 | .0191608 | 63.09917 | 1.132790 |
| Stddev | .0019426 | .0024815 | .011847  | .005871  | .0024540 | .05503   | .000958  |
| %RSD   | 3.008027 | 13.85159 | .5843656 | 22.26160 | 12.80727 | .0872190 | .0846111 |
| #1     | .0623371 | .0153884 | 2.027564 | -.019625 | .0192374 | 63.13438 | 1.133881 |
| #2     | .0657497 | .0203487 | 2.015370 | -.029187 | .0215756 | 63.03576 | 1.132407 |
| #3     | .0656516 | .0180070 | 2.039061 | -.030308 | .0166694 | 63.12739 | 1.132082 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055735 | .0081115 | 161.6016 | .1175420 | .1051291 | .1939544 | 139.9159 |
| Stddev | .0001156 | .0000190 | .4060    | .0005999 | .0004875 | .0061717 | .1560    |
| %RSD   | 2.074234 | .2346366 | .2512046 | .5103383 | .4637152 | 3.182028 | .1115052 |
| #1     | .0055823 | .0081032 | 161.4902 | .1173603 | .1055815 | .1897079 | 139.7887 |
| #2     | .0056844 | .0081333 | 161.2629 | .1170540 | .1046128 | .2010340 | 140.0900 |
| #3     | .0054537 | .0080980 | 162.0516 | .1182117 | .1051929 | .1911214 | 139.8690 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.393989 | 68.55970 | .1487804 | -.011018 | -.490326 | .1467322 | 1.063442 |
| Stddev | .004076  | .04672   | .0007489 | .000790  | .090684  | .0017901 | .002936  |
| %RSD   | .0755667 | .0681380 | .5033488 | 7.168646 | 18.49473 | 1.219981 | .2760712 |
| #1     | 5.391089 | 68.58732 | .1492705 | -.011363 | -.595038 | .1484930 | 1.060262 |
| #2     | 5.398649 | 68.58602 | .1479184 | -.010114 | -.438423 | .1467896 | 1.064013 |
| #3     | 5.392228 | 68.50576 | .1491524 | -.011577 | -.437517 | .1449141 | 1.066050 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.772644 | 6.053667 | -.032559 | -.000160 | 3.915788 | 7.528957 | .0503915 |
| Stddev | .103508  | .022567  | .001380  | .000282  | .016310  | .025134  | .0021670 |
| %RSD   | 1.793069 | .3727789 | 4.239987 | 176.7582 | .4165099 | .3338339 | 4.300377 |
| #1     | 5.655181 | 6.059492 | -.033439 | .000071  | 3.909761 | 7.530861 | .0522947 |
| #2     | 5.812253 | 6.028759 | -.030968 | -.000474 | 3.903351 | 7.502926 | .0508468 |
| #3     | 5.850498 | 6.072751 | -.033270 | -.000076 | 3.934254 | 7.553086 | .0480330 |

Sample Name: P5037-04      Acquired: 12/16/2024 4:03:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9481676 | .1064417 | .1127304 |
| Stddev | .0043537 | .0002196 | .0022868 |
| %RSD   | .4591735 | .2062623 | 2.028594 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9519666 | .1062036 | .1104859 |
| #2 | .9491195 | .1066361 | .1126479 |
| #3 | .9434166 | .1064855 | .1150574 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2489.308 | 30804.27 | 2893.585 | 2093.188 | 2993.226 |
| Stddev    | 2.117    | 133.49   | 23.736   | 13.923   | 6.151    |
| %RSD      | .0850302 | .4333418 | .8203009 | .6651792 | .2054832 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2489.946 | 30759.56 | 2899.378 | 2091.422 | 2995.227 |
| #2 | 2491.032 | 30954.38 | 2913.889 | 2107.910 | 2998.127 |
| #3 | 2486.946 | 30698.88 | 2867.489 | 2080.232 | 2986.324 |

Sample Name: P5037-05      Acquired: 12/16/2024 4:07:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0886287 | .0164317 | 3.771074 | -.017906 | .0223550 | 65.28868 | 1.799767 |
| Stddev | .0021776 | .0021349 | .015940  | .006213  | .0017677 | .22297   | .005823  |
| %RSD   | 2.456992 | 12.99261 | .4227027 | 34.69980 | 7.907308 | .3415108 | .3235242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0910557 | .0159899 | 3.770934 | -.017365 | .0243961 | 65.51438 | 1.798750 |
| #2 | .0879846 | .0187530 | 3.755203 | -.011981 | .0213351 | 65.06855 | 1.794521 |
| #3 | .0868458 | .0145523 | 3.787083 | -.024372 | .0213337 | 65.28311 | 1.806032 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061357 | .0166091 | 133.1576 | .1339390 | .1242532 | .2843370 | 151.8027 |
| Stddev | .0001513 | .0000685 | .3802    | .0003611 | .0003043 | .0005037 | .5042    |
| %RSD   | 2.466006 | .4126657 | .2855525 | .2696138 | .2448866 | .1771454 | .3321188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061961 | .0166549 | 133.3860 | .1343117 | .1241877 | .2839910 | 152.0514 |
| #2 | .0059636 | .0166421 | 132.7186 | .1339148 | .1239871 | .2849149 | 151.2225 |
| #3 | .0062475 | .0165303 | 133.3681 | .1335907 | .1245850 | .2841052 | 152.1341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.435430 | 56.08203 | .1781124 | -.011465 | -.173371 | .1553625 | 1.930031 |
| Stddev | .017427  | .05640   | .0001839 | .000417  | .194457  | .0089330 | .033666  |
| %RSD   | .2708044 | .1005613 | .1032617 | 3.633832 | 112.1623 | 5.749792 | 1.744343 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.436510 | 56.12514 | .1782329 | -.011193 | -.385597 | .1541071 | 1.892633 |
| #2 | 6.417488 | 56.01820 | .1782035 | -.011944 | -.130770 | .1648568 | 1.939540 |
| #3 | 6.452293 | 56.10274 | .1779006 | -.011257 | -.003746 | .1471236 | 1.957921 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.557715 | 8.320255 | -.029713 | .0000186 | 3.110971 | 8.909736 | .0692409 |
| Stddev | .044947  | .017914  | .000427  | .0007316 | .007365  | .140028  | .0004958 |
| %RSD   | .8087235 | .2153061 | 1.437526 | 3927.940 | .2367377 | 1.571633 | .7160807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.512992 | 8.314775 | -.029485 | .0008628 | 3.113954 | 9.066492 | .0697114 |
| #2 | 5.602882 | 8.305722 | -.029449 | -.000375 | 3.102583 | 8.797029 | .0692880 |
| #3 | 5.557271 | 8.340269 | -.030206 | -.000432 | 3.116376 | 8.865685 | .0687232 |

Sample Name: P5037-05      Acquired: 12/16/2024 4:07:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKB9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.051161 | .0855376 | .1232073 |
| Stddev | .005844  | .0005912 | .0046738 |
| %RSD   | .5559517 | .6911348 | 3.793473 |
| #1     | 1.047065 | .0862150 | .1267710 |
| #2     | 1.048565 | .0851257 | .1179155 |
| #3     | 1.057853 | .0852721 | .1249354 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2567.300 | 31534.94 | 2954.060 | 2145.988 | 3022.255 |
| Stddev    | 8.020    | 96.97    | 36.598   | 2.975    | 5.337    |
| %RSD      | .3123897 | .3074860 | 1.238889 | .1386329 | .1765738 |
| #1        | 2560.085 | 31595.74 | 2912.732 | 2149.421 | 3017.072 |
| #2        | 2565.880 | 31423.12 | 2982.365 | 2144.168 | 3021.961 |
| #3        | 2575.935 | 31585.97 | 2967.082 | 2144.373 | 3027.733 |

Sample Name: P5037-06      Acquired: 12/16/2024 4:11:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1232286 | .0318928 | 4.383984 | -.036669 | .0152972 | 53.04460 | 2.204463 |
| Stddev | .0014655 | .0030835 | .009100  | .002118  | .0002456 | .26605   | .011006  |
| %RSD   | 1.189275 | 9.668182 | .2075694 | 5.777317 | 1.605619 | .5015645 | .4992694 |
| #1     | .1216375 | .0352873 | 4.391145 | -.037482 | .0155780 | 52.77700 | 2.193108 |
| #2     | .1245232 | .0311258 | 4.373744 | -.034264 | .0151914 | 53.30908 | 2.215083 |
| #3     | .1235252 | .0292652 | 4.387062 | -.038260 | .0151223 | 53.04772 | 2.205198 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049486 | .0139653 | 397.6494 | .1118662 | .1258052 | .3079774 | 129.6974 |
| Stddev | .0000734 | .0000710 | .7693    | .0003462 | .0008287 | .0044246 | .9140    |
| %RSD   | 1.482674 | .5080208 | .1934497 | .3095017 | .6586834 | 1.436646 | .7046855 |
| #1     | .0048764 | .0140356 | 397.0436 | .1120690 | .1265082 | .3120270 | 128.7604 |
| #2     | .0049463 | .0138937 | 398.5149 | .1114664 | .1248916 | .3086501 | 130.5864 |
| #3     | .0050231 | .0139665 | 397.3898 | .1120632 | .1260160 | .3032550 | 129.7455 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.38782 | 38.59752 | .1438348 | -.007263 | .4870405 | .1330359 | 1.654045 |
| Stddev | .04101   | .32020   | .0004058 | .001262  | .3730353 | .0063137 | .030160  |
| %RSD   | .3947557 | .8295982 | .2820951 | 17.37452 | 76.59225 | 4.745868 | 1.823397 |
| #1     | 10.36288 | 38.41092 | .1437295 | -.008407 | .6604122 | .1403192 | 1.657159 |
| #2     | 10.43514 | 38.96725 | .1434921 | -.005910 | .7418397 | .1291141 | 1.622450 |
| #3     | 10.36543 | 38.41439 | .1442828 | -.007471 | .0588697 | .1296745 | 1.682528 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.617158 | 9.833343 | -.015722 | -.000209 | 2.644295 | 8.022366 | .1768123 |
| Stddev | .052073  | .023668  | .003795  | .000291  | .008420  | .125075  | .0015822 |
| %RSD   | 1.127815 | .2406925 | 24.13702 | 138.9978 | .3184231 | 1.559078 | .8948326 |
| #1     | 4.560375 | 9.859572 | -.018569 | -.000537 | 2.651087 | 8.056772 | .1776020 |
| #2     | 4.628422 | 9.813580 | -.017183 | .000017  | 2.634874 | 8.126638 | .1749908 |
| #3     | 4.662677 | 9.826876 | -.011414 | -.000107 | 2.646923 | 7.883689 | .1778443 |



Sample Name: P5037-06      Acquired: 12/16/2024 4:11:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9265907 | .4900169 | .1308993 |
| Stddev | .0039153 | .0017808 | .0047190 |
| %RSD   | .4225525 | .3634062 | 3.605101 |
| #1     | .9285304 | .4888210 | .1324538 |
| #2     | .9291576 | .4920634 | .1346450 |
| #3     | .9220842 | .4891662 | .1255991 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2512.413 | 31058.44 | 2983.151 | 2117.566 | 2860.921 |
| Stddev    | 7.723    | 151.23   | 34.187   | 11.410   | 10.158   |
| %RSD      | .3073805 | .4869147 | 1.145991 | .5388312 | .3550583 |
| #1        | 2514.724 | 31166.66 | 2979.446 | 2121.806 | 2864.506 |
| #2        | 2518.716 | 31123.03 | 2950.967 | 2126.249 | 2868.802 |
| #3        | 2503.798 | 30885.65 | 3019.039 | 2104.643 | 2849.457 |

Sample Name: P5037-07      Acquired: 12/16/2024 4:15:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1234626 | .0327204 | 4.377499 | -.036014 | .0173850 | 53.00626 | 2.203081 |
| Stddev | .0050581 | .0012056 | .009408  | .006734  | .0025129 | .28419   | .014852  |
| %RSD   | 4.096852 | 3.684538 | .2149093 | 18.69952 | 14.45439 | .5361459 | .6741442 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1222899 | .0319517 | 4.366771 | -.042967 | .0148249 | 52.68954 | 2.187884 |
| #2 | .1290040 | .0320995 | 4.384340 | -.029522 | .0198479 | 53.09025 | 2.203795 |
| #3 | .1190939 | .0341098 | 4.381385 | -.035552 | .0174820 | 53.23898 | 2.217562 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049058 | .0140529 | 396.6571 | .1119692 | .1254635 | .3069818 | 128.9831 |
| Stddev | .0001013 | .0001124 | 1.2619   | .0009934 | .0007604 | .0009596 | .7877    |
| %RSD   | 2.065169 | .7999356 | .3181281 | .8871837 | .6060410 | .3126060 | .6107335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050226 | .0140644 | 395.2010 | .1118571 | .1249799 | .3063790 | 128.1285 |
| #2 | .0048544 | .0139351 | 397.4327 | .1110367 | .1250707 | .3064780 | 129.1405 |
| #3 | .0048405 | .0141590 | 397.3375 | .1130139 | .1263399 | .3080885 | 129.6802 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.37202 | 38.41353 | .1433600 | -.008241 | -.080142 | .1332892 | 1.658626 |
| Stddev | .05810   | .26917   | .0012599 | .000968  | .431561  | .0053649 | .017753  |
| %RSD   | .5601633 | .7007187 | .8788645 | 11.74356 | 538.4980 | 4.024986 | 1.070335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.31367 | 38.11684 | .1443142 | -.007168 | .414970  | .1327499 | 1.640259 |
| #2 | 10.37252 | 38.48167 | .1438340 | -.009048 | -.278773 | .1282144 | 1.675693 |
| #3 | 10.42986 | 38.64208 | .1419318 | -.008506 | -.376622 | .1389034 | 1.659926 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.510755 | 9.823918 | -.017521 | -.000655 | 2.610936 | 7.981219 | .1747470 |
| Stddev | .049787  | .024163  | .002547  | .000408  | .016443  | .039917  | .0021795 |
| %RSD   | 1.103745 | .2459583 | 14.53881 | 62.31090 | .6297822 | .5001404 | 1.247233 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.537959 | 9.845005 | -.017379 | -.000267 | 2.611694 | 7.992650 | .1744275 |
| #2 | 4.541013 | 9.797552 | -.015047 | -.001080 | 2.594127 | 7.936833 | .1770686 |
| #3 | 4.453293 | 9.829196 | -.020136 | -.000616 | 2.626987 | 8.014173 | .1727449 |

Sample Name: P5037-07      Acquired: 12/16/2024 4:15:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9238546 | .4877649 | .1280871 |
| Stddev | .0067963 | .0024013 | .0028650 |
| %RSD   | .7356520 | .4923042 | 2.236773 |
| #1     | .9166397 | .4855133 | .1309902 |
| #2     | .9247884 | .4874892 | .1280092 |
| #3     | .9301358 | .4902921 | .1252618 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2516.929 | 30953.44 | 2989.512 | 2107.944 | 2866.753 |
| Stddev    | 14.337   | 278.67   | 25.656   | 18.455   | 12.912   |
| %RSD      | .5696119 | .9002813 | .8582063 | .8755201 | .4504189 |
| #1        | 2533.257 | 31252.20 | 3019.059 | 2127.267 | 2881.592 |
| #2        | 2511.125 | 30700.55 | 2976.606 | 2090.500 | 2860.592 |
| #3        | 2506.403 | 30907.56 | 2972.871 | 2106.064 | 2858.075 |

Sample Name: P5037-06LX5      Acquired: 12/16/2024 4:19:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0208749 | .0188755 | .9005169 | -.030849 | -.006567 | 11.74885 | .4912544 |
| Stddev | .0043699 | .0024868 | .0052915 | .002384  | .000808  | .14157   | .0065361 |
| %RSD   | 20.93386 | 13.17456 | .5876031 | 7.728620 | 12.29790 | 1.204977 | 1.330494 |
| #1     | .0210104 | .0183076 | .8946712 | -.029292 | -.005899 | 11.85042 | .4947905 |
| #2     | .0164388 | .0167218 | .9049795 | -.029662 | -.007464 | 11.58714 | .4837121 |
| #3     | .0251755 | .0215971 | .9018998 | -.033594 | -.006338 | 11.80901 | .4952608 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011810 | .0027721 | 89.03449 | .0262030 | .0444380 | .0563548 | 29.28750 |
| Stddev | .0001823 | .0000860 | 1.07046  | .0007624 | .0007850 | .0045189 | .47839   |
| %RSD   | 15.43504 | 3.103745 | 1.202296 | 2.909619 | 1.766604 | 8.018643 | 1.633439 |
| #1     | .0009877 | .0028705 | 89.72249 | .0255945 | .0435319 | .0592222 | 29.40962 |
| #2     | .0013498 | .0027107 | 87.80118 | .0270582 | .0449142 | .0511457 | 28.75989 |
| #3     | .0012057 | .0027352 | 89.57980 | .0259563 | .0448679 | .0586964 | 29.69300 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.357922 | 8.765055 | .0282758 | -.002073 | -.193172 | .0209662 | .3688500 |
| Stddev | .033343  | .107623  | .0007259 | .001255  | .682025  | .0057573 | .0060496 |
| %RSD   | 1.414081 | 1.227862 | 2.567028 | 60.50574 | 353.0652 | 27.45973 | 1.640135 |
| #1     | 2.377574 | 8.868007 | .0277458 | -.003331 | .580797  | .0217255 | .3746851 |
| #2     | 2.319423 | 8.653302 | .0291031 | -.002068 | -.454117 | .0148670 | .3692582 |
| #3     | 2.376768 | 8.773858 | .0279785 | -.000822 | -.706198 | .0263062 | .3626065 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.249860 | 1.936291 | -.009197 | -.002114 | .5145835 | 1.863385 | .0349873 |
| Stddev | .131625  | .004107  | .002497  | .000371  | .0060879 | .031487  | .0018307 |
| %RSD   | 52.67943 | .2120939 | 27.15213 | 17.55588 | 1.183065 | 1.689798 | 5.232525 |
| #1     | -.223345 | 1.932810 | -.011825 | -.002538 | .5087197 | 1.899680 | .0334805 |
| #2     | -.392723 | 1.935244 | -.006855 | -.001959 | .5208731 | 1.843379 | .0370247 |
| #3     | -.133511 | 1.940820 | -.008909 | -.001847 | .5141576 | 1.847095 | .0344566 |

Sample Name: P5037-06LX5      Acquired: 12/16/2024 4:19:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2057756 | .1086415 | .0521015 |
| Stddev | .0047195 | .0013172 | .0010044 |
| %RSD   | 2.293511 | 1.212404 | 1.927705 |
| #1     | .2050603 | .1091402 | .0522645 |
| #2     | .2014546 | .1071478 | .0510256 |
| #3     | .2108119 | .1096365 | .0530144 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2369.869 | 29262.29 | 2730.356 | 2005.104 | 3093.697 |
| Stddev    | 3.795    | 123.23   | 34.812   | 7.861    | 7.895    |
| %RSD      | .1601407 | .4211075 | 1.275014 | .3920437 | .2551843 |
| #1        | 2371.751 | 29368.73 | 2694.510 | 2012.125 | 3101.863 |
| #2        | 2372.354 | 29290.84 | 2764.033 | 2006.576 | 3093.122 |
| #3        | 2365.500 | 29127.29 | 2732.524 | 1996.612 | 3086.105 |

Sample Name: P5037-08      Acquired: 12/16/2024 4:23:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2045277 | .1274580 | 4.324031 | .1261547 | .1734294 | 55.32379 | 5.824049 |
| Stddev | .0061525 | .0007516 | .018923  | .0044735 | .0012647 | .07853   | .004429  |
| %RSD   | 3.008152 | .5897108 | .4376256 | 3.546008 | .7292228 | .1419501 | .0760386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2026122 | .1266436 | 4.303186 | .1278920 | .1738844 | 55.23328 | 5.819187 |
| #2 | .1995607 | .1281250 | 4.328780 | .1210732 | .1720002 | 55.36427 | 5.827852 |
| #3 | .2114101 | .1276054 | 4.340128 | .1294990 | .1744037 | 55.37383 | 5.825107 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0946073 | .1109443 | 386.9360 | .5014429 | 1.248822 | .7413259 | 128.3170 |
| Stddev | .0007899 | .0003061 | .2512    | .0022534 | .003477  | .0039842 | .3335    |
| %RSD   | .8349778 | .2759035 | .0649181 | .4493897 | .2784071 | .5374455 | .2598725 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0944598 | .1105957 | 387.2097 | .4989012 | 1.245314 | .7432184 | 128.0323 |
| #2 | .0939015 | .1110682 | 386.7160 | .5031963 | 1.248886 | .7440111 | 128.6839 |
| #3 | .0954606 | .1111691 | 386.8822 | .5022312 | 1.252266 | .7367482 | 128.2349 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.04278 | 37.57664 | 1.181680 | .0651612 | -.079727 | 1.057484 | 2.379096 |
| Stddev | .01734   | .09794   | .001518  | .0007952 | .552105  | .005820  | .024513  |
| %RSD   | .1570393 | .2606355 | .1284916 | 1.220386 | 692.4941 | .5503975 | 1.030335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.03231 | 37.62939 | 1.179967 | .0645833 | -.569664 | 1.050802 | 2.398899 |
| #2 | 11.03322 | 37.46364 | 1.182861 | .0660681 | -.188017 | 1.061453 | 2.386709 |
| #3 | 11.06279 | 37.63690 | 1.182212 | .0648323 | .518499  | 1.060196 | 2.351680 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.443109 | 9.595582 | -.022580 | -.000461 | 2.560354 | 7.970423 | .1696925 |
| Stddev | .089021  | .019476  | .003113  | .000355  | .009146  | .025433  | .0019462 |
| %RSD   | 2.003585 | .2029643 | 13.78507 | 77.12335 | .3572120 | .3190890 | 1.146869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.495691 | 9.574487 | -.025194 | -.000834 | 2.563525 | 7.999785 | .1697010 |
| #2 | 4.340325 | 9.599382 | -.023409 | -.000127 | 2.567493 | 7.956258 | .1677420 |
| #3 | 4.493310 | 9.612878 | -.019137 | -.000421 | 2.550045 | 7.955228 | .1716343 |

Sample Name: P5037-08      Acquired: 12/16/2024 4:23:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9068133 | .4781271 | .1234748 |
| Stddev | .0016736 | .0010213 | .0046091 |
| %RSD   | .1845589 | .2136048 | 3.732783 |
| #1     | .9075865 | .4791540 | .1183564 |
| #2     | .9079605 | .4771115 | .1272969 |
| #3     | .9048929 | .4781156 | .1247711 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2538.822 | 31388.35 | 2994.685 | 2142.065 | 2907.573 |
| Stddev    | 6.350    | 168.17   | 3.417    | 12.295   | 5.875    |
| %RSD      | .2501216 | .5357705 | .1141084 | .5739604 | .2020519 |
| #1        | 2531.599 | 31446.96 | 2993.026 | 2134.690 | 2900.829 |
| #2        | 2541.340 | 31198.72 | 2992.414 | 2135.246 | 2910.310 |
| #3        | 2543.527 | 31519.37 | 2998.615 | 2156.258 | 2911.580 |

Sample Name: P5037-09      Acquired: 12/16/2024 4:27:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1256188</b> | <b>.0266523</b> | <b>1.742838</b> | <b>-.010909</b> | <b>.0244549</b> | <b>61.57740</b> | <b>1.370435</b> |
| Stddev | .0025535        | .0052250        | .002699         | .000698         | .0030855        | .35251          | .008114         |
| %RSD   | 2.032719        | 19.60439        | .1548762        | 6.400365        | 12.61694        | .5724650        | .5920431        |
| #1     | .1229387        | .0288801        | 1.740713        | -.010618        | .0227729        | 61.30943        | 1.364195        |
| #2     | .1280232        | .0206826        | 1.741926        | -.011705        | .0225759        | 61.97673        | 1.379607        |
| #3     | .1258946        | .0303941        | 1.745875        | -.010403        | .0280158        | 61.44605        | 1.367503        |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0055851</b> | <b>.0054751</b> | <b>86.89872</b> | <b>.0906312</b> | <b>.1438656</b> | <b>.2382225</b> | <b>154.8190</b> |
| Stddev | .0001535        | .0000769        | .56834          | .0012760        | .0004563        | .0098169        | 1.3899          |
| %RSD   | 2.748124        | 1.404739        | .6540293        | 1.407899        | .3171990        | 4.120893        | .8977434        |
| #1     | .0056757        | .0054248        | 86.66177        | .0921038        | .1438378        | .2270454        | 154.0284        |
| #2     | .0054078        | .0054370        | 87.54720        | .0898533        | .1434238        | .2454467        | 156.4238        |
| #3     | .0056717        | .0055637        | 86.48719        | .0899366        | .1443352        | .2421753        | 154.0048        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>15.89147</b> | <b>21.47055</b> | <b>.1269486</b> | <b>-.008122</b> | <b>-.192436</b> | <b>.1379335</b> | <b>.7104758</b> |
| Stddev | .11113          | .20897          | .0006740        | .000304         | .447278         | .0050742        | .0078537        |
| %RSD   | .6992877        | .9732779        | .5309455        | 3.742612        | 232.4295        | 3.678717        | 1.105414        |
| #1     | 15.81833        | 21.31264        | .1268464        | -.008457        | .065885         | .1437510        | .7014234        |
| #2     | 16.01935        | 21.70751        | .1263315        | -.007864        | .065715         | .1356288        | .7145313        |
| #3     | 15.83674        | 21.39150        | .1276679        | -.008045        | -.708908        | .1344206        | .7154726        |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.222502</b> | <b>7.163857</b> | <b>-.050511</b> | <b>.0014130</b> | <b>1.111789</b> | <b>7.755003</b> | <b>.1324901</b> |
| Stddev | .178174         | .008812         | .003984         | .0000654        | .004342         | .012748         | .0009596        |
| %RSD   | 4.219623        | .1230059        | 7.886439        | 4.624959        | .3905618        | .1643897        | .7242690        |
| #1     | 4.022805        | 7.158095        | -.053652        | .0013598        | 1.111310        | 7.768351        | .1316367        |
| #2     | 4.279491        | 7.159475        | -.046031        | .0014860        | 1.107706        | 7.753705        | .1323047        |
| #3     | 4.365209        | 7.174001        | -.051851        | .0013934        | 1.116351        | 7.742953        | .1335288        |



Sample Name: P5037-09      Acquired: 12/16/2024 4:27:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKC1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8218774 | .0869193 | .0934464 |
| Stddev | .0044060 | .0006046 | .0032430 |
| %RSD   | .5360950 | .6956473 | 3.470423 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8184317 | .0870402 | .0929450 |
| #2 | .8268420 | .0874543 | .0904834 |
| #3 | .8203587 | .0862633 | .0969109 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2581.161 | 31789.33 | 2967.701 | 2169.391 | 3073.515 |
| Stddev    | 8.239    | 65.54    | 6.342    | 5.227    | 10.889   |
| %RSD      | .3191953 | .2061728 | .2136862 | .2409217 | .3542879 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2580.520 | 31800.53 | 2964.304 | 2175.144 | 3066.056 |
| #2 | 2589.702 | 31718.91 | 2963.782 | 2164.936 | 3086.010 |
| #3 | 2573.262 | 31848.54 | 2975.017 | 2168.093 | 3068.479 |

Sample Name: CCV036      Acquired: 12/16/2024 4:31:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV036      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.681104 | 4.601971 | 23.14568 | 4.622364 | 4.525384 | 364.6959 |
| Stddev | .025564  | .071218  | .33532   | .074023  | .080670  | .7047    |
| %RSD   | .5461154 | 1.547558 | 1.448757 | 1.601408 | 1.782609 | .1932336 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.672576 | 4.657322 | 23.44727 | 4.668977 | 4.584765 | 364.0984 |
| #2 | 4.709842 | 4.626967 | 23.20518 | 4.661105 | 4.557848 | 365.4730 |
| #3 | 4.660894 | 4.521625 | 22.78459 | 4.537011 | 4.433540 | 364.5162 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.665233 | .4680634 | 2.327075 | 380.3446 | 15.15398 | 2.662973 |
| Stddev | .020608  | .0039230 | .034295  | .7757    | .03908   | .040310  |
| %RSD   | .2132174 | .8381313 | 1.473742 | .2039360 | .2579095 | 1.513705 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.654739 | .4639065 | 2.358240 | 380.3807 | 15.17536 | 2.699093 |
| #2 | 9.688976 | .4717008 | 2.332651 | 381.1015 | 15.17771 | 2.670337 |
| #3 | 9.651985 | .4685829 | 2.290334 | 379.5515 | 15.10887 | 2.619489 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.61346 | 368.4347 | 13.82852 | 370.2188 | 2.439711 | 1.167224 |
| Stddev | .03041   | 1.1476   | .04678   | 1.2822   | .039279  | .001963  |
| %RSD   | .2080676 | .3114779 | .3382936 | .3463492 | 1.609984 | .1682029 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.60331 | 367.6529 | 13.80495 | 370.2785 | 2.475359 | 1.169491 |
| #2 | 14.64765 | 369.7522 | 13.88240 | 371.4702 | 2.446171 | 1.166085 |
| #3 | 14.58943 | 367.8989 | 13.79822 | 368.9078 | 2.397602 | 1.166096 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 374.1311 | 2.344161 | 14.14194 | 164.9154 | 4.647621 | 4.682057 |
| Stddev | .9320    | .010599  | .10977   | .6701    | .073496  | .037791  |
| %RSD   | .2491097 | .4521301 | .7762360 | .4063001 | 1.581364 | .8071469 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 373.1592 | 2.347499 | 14.26226 | 164.1496 | 4.716852 | 4.639242 |
| #2 | 375.0173 | 2.352689 | 14.11632 | 165.3937 | 4.655514 | 4.696164 |
| #3 | 374.2168 | 2.332296 | 14.04724 | 165.2030 | 4.570498 | 4.710765 |

Sample Name: CCV036      Acquired: 12/16/2024 4:31:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV036      Custom ID2:      Custom ID3:  
Comment:

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020            | S_1820          | Si2516          | Sn1899          | Ti3361          | Sr4077          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F 4.493963</b> | <b>4.868644</b> | <b>4.664812</b> | <b>4.680498</b> | <b>4.725496</b> | <b>4.560157</b> |
| Stddev | .074008           | .070548         | .048777         | .067223         | .014301         | .012330         |
| %RSD   | 1.646829          | 1.449035        | 1.045630        | 1.436235        | .3026284        | .2703840        |
| #1     | 4.553423          | 4.921565        | 4.609423        | 4.737795        | 4.730983        | 4.559871        |
| #2     | 4.517389          | 4.895817        | 4.701348        | 4.697200        | 4.736241        | 4.572628        |
| #3     | 4.411077          | 4.788549        | 4.683665        | 4.606498        | 4.709264        | 4.547973        |

|        |                 |
|--------|-----------------|
| Elem   | Li6707          |
| Units  | ppm             |
| Avg    | <b>5.050673</b> |
| Stddev | .024024         |
| %RSD   | .4756659        |
| #1     | 5.029596        |
| #2     | 5.076832        |
| #3     | 5.045592        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1971.421</b> | <b>25830.08</b> | <b>2564.770</b> | <b>1633.611</b> | <b>2590.369</b> |
| Stddev    | 29.294          | 50.56           | 24.467          | 2.648           | 36.182          |
| %RSD      | 1.485955        | .1957480        | .9539711        | .1620807        | 1.396774        |
| #1        | 1943.930        | 25825.65        | 2592.152        | 1636.576        | 2553.602        |
| #2        | 1968.097        | 25781.87        | 2545.053        | 1631.484        | 2591.569        |
| #3        | 2002.236        | 25882.71        | 2557.106        | 1632.771        | 2625.935        |

Sample Name: CCB036      Acquired: 12/16/2024 4:59:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB036      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001370</b> | <b>.0018520</b> | <b>.0048113</b> | <b>-.002265</b> | <b>-.001360</b> | <b>-.008633</b> |
| Stddev | .001608         | .0021216        | .0027417        | .004737         | .001320         | .005404         |
| %RSD   | 117.3665        | 114.5547        | 56.98501        | 209.1157        | 97.03555        | 62.59250        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000413  | .0011541 | .0049640 | .002481  | -.001948 | -.012926 |
| #2 | -.002711 | .0042347 | .0019964 | -.002283 | .000152  | -.002565 |
| #3 | -.001812 | .0001674 | .0074734 | -.006994 | -.002283 | -.010408 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0006658</b> | <b>.0001025</b> | <b>.0000380</b> | <b>.0221275</b> | <b>.0001870</b> | <b>-.000096</b> |
| Stddev | .0012857        | .0000864        | .0000608        | .0245166        | .0007124        | .000278         |
| %RSD   | 193.1173        | 84.26138        | 160.1700        | 110.7969        | 380.8658        | 288.7570        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0021426 | .0000092 | -.000029 | .0091106 | -.000621 | -.000394 |
| #2 | -.000204 | .0001796 | .000052  | .0504070 | .000457  | -.000052 |
| #3 | .000059  | .0001187 | .000091  | .0068648 | .000725  | .000157  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004740</b> | <b>-.013871</b> | <b>.0007068</b> | <b>.0764791</b> | <b>.0003494</b> | <b>.0004379</b> |
| Stddev | .009807         | .037971         | .0004250        | .0698992        | .0005031        | .0004412        |
| %RSD   | 206.9017        | 273.7364        | 60.12476        | 91.39644        | 144.0248        | 100.7571        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.016063 | -.001230 | .0006975 | .0493580 | .0005202 | .0009360 |
| #2 | .001069  | -.056550 | .0002866 | .1558746 | -.000217 | .0000963 |
| #3 | .000774  | .016167  | .0011364 | .0242048 | .000745  | .0002813 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.349525</b> | <b>-.010736</b> | <b>-.001621</b> | <b>-1.16115</b> | <b>.0007668</b> | <b>.0158982</b> |
| Stddev | .870565         | .011420         | .000430         | .12727          | .0034848        | .0007455        |
| %RSD   | 249.0706        | 106.3745        | 26.51601        | 10.96101        | 454.4490        | 4.689104        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.14668 | -.021756 | -.001127 | -1.01931 | .0035432 | .0151352 |
| #2 | .57942   | -.011499 | -.001829 | -1.19877 | -.003144 | .0166249 |
| #3 | -.48132  | .001047  | -.001907 | -1.26538 | .001901  | .0159346 |

Sample Name: CCB036      Acquired: 12/16/2024 4:59:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB036      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008982 | -.010199 | .0007169 | .0016393 | -.002316 | .0000217 |
| Stddev | .0001648 | .002358  | .0003960 | .0016342 | .002082  | .0002898 |
| %RSD   | 18.34991 | 23.11850 | 55.23485 | 99.68851 | 89.87995 | 1338.007 |
| #1     | .0008216 | -.008971 | .0003026 | -.000152 | -.000130 | .0002687 |
| #2     | .0010874 | -.008709 | .0010915 | .003049  | -.002542 | .0000936 |
| #3     | .0007857 | -.012918 | .0007565 | .002020  | -.004275 | -.000297 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0442817 |
| Stddev | .0031753   |
| %RSD   | 7.170622   |
| #1     | .0479425   |
| #2     | .0426267   |
| #3     | .0422757   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2342.352 | 28588.53 | 2640.199 | 1952.793 | 3219.699 |
| Stddev    | 3.889    | 56.18    | 5.385    | 14.608   | 4.860    |
| %RSD      | .1660462 | .1965177 | .2039793 | .7480701 | .1509409 |
| #1        | 2339.555 | 28528.36 | 2635.548 | 1936.324 | 3214.474 |
| #2        | 2346.793 | 28597.61 | 2638.951 | 1964.187 | 3224.084 |
| #3        | 2340.706 | 28639.62 | 2646.099 | 1957.868 | 3220.540 |