

Sample Name: S0      Acquired: 12/3/2024 17:11:45      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00019 | -.00000 | -.00017 | .00036  | .00018  | .00025  | .00273  | -.00058 |
| Stddev | .00007  | .00007  | .00017  | .00008  | .00015  | .00019  | .00089  | .00017  |
| %RSD   | 37.983  | 4255.0  | 101.02  | 23.309  | 85.717  | 74.908  | 32.725  | 29.051  |
| #1     | -.00027 | .00002  | -.00022 | .00032  | .00006  | .00013  | .00219  | -.00048 |
| #2     | -.00015 | .00006  | -.00031 | .00030  | .00012  | .00046  | .00376  | -.00049 |
| #3     | -.00014 | -.00008 | .00002  | .00045  | .00035  | .00015  | .00224  | -.00077 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00012 | .00132  | -.00006 | -.00003 | -.00042 | .00000  | .00002  | -.00007 |
| Stddev | .00016  | .00013  | .00002  | .00020  | .00004  | .00002  | .00008  | .00018  |
| %RSD   | 131.12  | 9.9143  | 35.675  | 714.42  | 8.6430  | 834.93  | 418.14  | 269.34  |
| #1     | -.00007 | .00129  | -.00004 | .00005  | -.00038 | .00002  | -.00000 | -.00016 |
| #2     | .00000  | .00147  | -.00007 | -.00025 | -.00042 | -.00001 | -.00005 | .00014  |
| #3     | -.00030 | .00121  | -.00008 | .00012  | -.00046 | -.00001 | .00011  | -.00018 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | B_2496  | Mo2020  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00004 | -.00104 | .01258  | .00002  | .00569  | .00065  | .00081  | -.00009 |
| Stddev | .00018  | .00005  | .00016  | .00006  | .00111  | .00004  | .00022  | .00003  |
| %RSD   | 509.02  | 5.1553  | 1.2616  | 303.49  | 19.518  | 6.3389  | 26.758  | 34.512  |
| #1     | -.00011 | -.00101 | .01240  | -.00003 | .00694  | .00069  | .00089  | -.00006 |
| #2     | -.00017 | -.00100 | .01271  | .00000  | .00482  | .00061  | .00098  | -.00012 |
| #3     | .00017  | -.00110 | .01262  | .00008  | .00532  | .00067  | .00057  | -.00009 |
| Elem   | Sn1899  | Ti3361  | Si2881  | P_1774  | S_1820  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00012  | .00154  | .00019  | -.00131 | .00032  | .00171  | -.00084 |         |
| Stddev | .00009  | .00016  | .00001  | .00001  | .00002  | .00102  | .00038  |         |
| %RSD   | 75.886  | 10.334  | 7.8025  | .82915  | 6.8526  | 59.974  | 45.445  |         |
| #1     | .00005  | .00139  | .00019  | -.00130 | .00031  | .00248  | -.00055 |         |
| #2     | .00009  | .00171  | .00020  | -.00132 | .00034  | .00055  | -.00127 |         |
| #3     | .00023  | .00153  | .00017  | -.00130 | .00029  | .00209  | -.00070 |         |

Sample Name: S0      Acquired: 12/3/2024 17:11:45      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2658.7 | 60285. | 11818. | 1978.7 | 4418.8 |
| Stddev    | 8.1    | 251.   | 18.    | 22.3   | 6.3    |
| %RSD      | .30625 | .41561 | .14958 | 1.1256 | .14252 |
| #1        | 2650.0 | 60106. | 11838. | 1974.2 | 4413.8 |
| #2        | 2660.1 | 60571. | 11804. | 2002.9 | 4416.7 |
| #3        | 2666.1 | 60177. | 11813. | 1959.0 | 4425.9 |

Sample Name: S1      Acquired: 12/3/2024 17:16:10      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00108 | .00255 | .00255 | .00220  | .01022 | .00737 | .37166 | .02421 |
| Stddev | .00010 | .00007 | .00033 | .00015  | .00029 | .00023 | .00170 | .00025 |
| %RSD   | 9.6787 | 2.8532 | 12.949 | 6.9547  | 2.8203 | 3.1127 | .45753 | 1.0182 |
| #1     | .00118 | .00249 | .00221 | .00224  | .01036 | .00713 | .37021 | .02419 |
| #2     | .00107 | .00263 | .00287 | .00232  | .01041 | .00740 | .37123 | .02398 |
| #3     | .00097 | .00253 | .00258 | .00203  | .00989 | .00758 | .37353 | .02447 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01320 | .11956 | .00197 | .02596  | .01694 | .00056 | .01498 | .03517 |
| Stddev | .00015 | .00053 | .00008 | .00011  | .00013 | .00001 | .00024 | .00007 |
| %RSD   | 1.1618 | .44352 | 4.2419 | .44163  | .74173 | 1.0476 | 1.5758 | .20316 |
| #1     | .01323 | .11895 | .00200 | .02585  | .01688 | .00056 | .01471 | .03512 |
| #2     | .01334 | .11983 | .00204 | .02608  | .01686 | .00055 | .01507 | .03525 |
| #3     | .01303 | .11990 | .00188 | .02595  | .01708 | .00056 | .01515 | .03515 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02463 | .00169 | .06391 | .00542  | .14846 | .01413 | .04843 | .15972 |
| Stddev | .00008 | .00006 | .00014 | .00009  | .00043 | .00002 | .00020 | .00035 |
| %RSD   | .33217 | 3.7363 | .21526 | 1.6382  | .29088 | .13179 | .40290 | .21767 |
| #1     | .02466 | .00162 | .06390 | .00543  | .14797 | .01411 | .04859 | .15999 |
| #2     | .02470 | .00169 | .06379 | .00549  | .14858 | .01414 | .04849 | .15933 |
| #3     | .02454 | .00175 | .06406 | .00532  | .14881 | .01414 | .04822 | .15984 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .00469 | .02409 | .00236 | -.00074 | .00064 | .02578 | .28559 |        |
| Stddev | .00007 | .00022 | .00001 | .00001  | .00005 | .00041 | .00048 |        |
| %RSD   | 1.4343 | .89667 | .24413 | 1.7553  | 7.9087 | 1.5792 | .16690 |        |
| #1     | .00462 | .02393 | .00236 | -.00073 | .00066 | .02616 | .28614 |        |
| #2     | .00470 | .02433 | .00236 | -.00076 | .00068 | .02535 | .28530 |        |
| #3     | .00475 | .02400 | .00237 | -.00074 | .00058 | .02582 | .28533 |        |

Sample Name: S1      Acquired: 12/3/2024 17:16:10      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2735.3 | 61293. | 12074. | 2007.3 | 4505.6 |
| Stddev    | 4.6    | 115.   | 25.    | 3.5    | 8.0    |
| %RSD      | .16773 | .18739 | .20546 | .17497 | .17850 |
| #1        | 2730.0 | 61410. | 12098. | 2011.1 | 4496.7 |
| #2        | 2737.2 | 61290. | 12075. | 2006.7 | 4507.7 |
| #3        | 2738.6 | 61180. | 12048. | 2004.1 | 4512.4 |

Sample Name: S2      Acquired: 12/3/2024 17:20:34      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .04804 | .05497 | .19171 | .07287 | .16122 | .10629 | 5.9110 | .16687 |
| Stddev | .00005 | .00038 | .00038 | .00016 | .00035 | .00012 | .0171  | .00108 |
| %RSD   | .11383 | .68225 | .19723 | .21345 | .21602 | .11574 | .28982 | .64903 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04810 | .05522 | .19202 | .07270 | .16084 | .10641 | 5.9187 | .16669 |
| #2 | .04799 | .05516 | .19181 | .07299 | .16152 | .10616 | 5.9230 | .16803 |
| #3 | .04802 | .05454 | .19129 | .07293 | .16130 | .10631 | 5.8914 | .16588 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .89579 | .23658 | .03467 | .35418 | .16470 | .00475 | .29264 | .06535 |
| Stddev | .00076 | .00105 | .00013 | .00039 | .00041 | .00001 | .00142 | .00031 |
| %RSD   | .08475 | .44527 | .36772 | .11056 | .24611 | .24384 | .48378 | .47904 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .89667 | .23567 | .03452 | .35463 | .16488 | .00475 | .29217 | .06501 |
| #2 | .89539 | .23773 | .03472 | .35391 | .16499 | .00477 | .29423 | .06542 |
| #3 | .89532 | .23633 | .03475 | .35401 | .16424 | .00475 | .29152 | .06562 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .25325 | .05408 | .12191 | .05537 | 1.4597 | .02823 | .36800 | .64438 |
| Stddev | .00020 | .00009 | .00015 | .00029 | .0056  | .00011 | .00107 | .00112 |
| %RSD   | .07991 | .16317 | .12478 | .52290 | .38248 | .37285 | .29174 | .17425 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25317 | .05398 | .12199 | .05514 | 1.4541 | .02835 | .36741 | .64379 |
| #2 | .25348 | .05412 | .12173 | .05529 | 1.4597 | .02815 | .36924 | .64567 |
| #3 | .25309 | .05415 | .12200 | .05570 | 1.4653 | .02819 | .36735 | .64367 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .09447 | .45306 | .00530 | .02284 | .01912 | .90790 | 11.785 |  |
| Stddev | .00013 | .00219 | .00004 | .00024 | .00010 | .00115 | .022   |  |
| %RSD   | .13768 | .48356 | .80135 | 1.0722 | .52501 | .12629 | .18964 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .09458 | .45291 | .00535 | .02312 | .01921 | .90777 | 11.780 |  |
| #2 | .09451 | .45532 | .00528 | .02274 | .01901 | .90910 | 11.766 |  |
| #3 | .09433 | .45095 | .00527 | .02266 | .01913 | .90682 | 11.809 |  |

Sample Name: S2      Acquired: 12/3/2024 17:20:34      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2683.9 | 60229. | 12196. | 1960.6 | 4338.5 |
| Stddev    | 5.5    | 96.    | 18.    | 6.0    | 4.2    |
| %RSD      | .20366 | .15905 | .14957 | .30790 | .09729 |
| #1        | 2681.8 | 60125. | 12191. | 1959.5 | 4335.4 |
| #2        | 2679.7 | 60313. | 12181. | 1967.1 | 4336.9 |
| #3        | 2690.1 | 60248. | 12216. | 1955.2 | 4343.3 |

Sample Name: S3      Acquired: 12/3/2024 17:24:44      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .15479 | .17117 | .60384 | .23295 | .51890 | .33656 | 18.388 | .51016 |
| Stddev | .00059 | .00201 | .00073 | .00043 | .00130 | .00091 | .042   | .00104 |
| %RSD   | .38263 | 1.1731 | .12020 | .18361 | .25107 | .27044 | .22599 | .20411 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15430 | .17298 | .60438 | .23327 | .51935 | .33555 | 18.351 | .50896 |
| #2 | .15462 | .17152 | .60301 | .23246 | .51743 | .33681 | 18.433 | .51061 |
| #3 | .15545 | .16901 | .60412 | .23311 | .51991 | .33732 | 18.381 | .51089 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.8181 | .72820 | .10788 | 1.1153 | .51566 | .01507 | .89421 | .20279 |
| Stddev | .0015  | .00068 | .00014 | .0002  | .00060 | .00003 | .00109 | .00055 |
| %RSD   | .05258 | .09372 | .13044 | .01707 | .11594 | .20666 | .12171 | .27078 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8173 | .72894 | .10773 | 1.1151 | .51527 | .01510 | .89504 | .20337 |
| #2 | 2.8199 | .72760 | .10801 | 1.1152 | .51538 | .01504 | .89461 | .20228 |
| #3 | 2.8173 | .72805 | .10789 | 1.1155 | .51635 | .01506 | .89298 | .20271 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .79321 | .17033 | .37346 | .17304 | 4.5295 | .09006 | 1.1307 | 2.0242 |
| Stddev | .00013 | .00032 | .00100 | .00033 | .0139  | .00026 | .0005  | .0034  |
| %RSD   | .01643 | .18664 | .26693 | .18839 | .30682 | .29000 | .04634 | .16981 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79310 | .17064 | .37434 | .17288 | 4.5299 | .09030 | 1.1301 | 2.0280 |
| #2 | .79317 | .17000 | .37238 | .17282 | 4.5154 | .08978 | 1.1309 | 2.0213 |
| #3 | .79335 | .17035 | .37366 | .17341 | 4.5432 | .09011 | 1.1310 | 2.0234 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .29505 | 1.4032 | .01688 | .07776 | .06157 | 2.8235 | 36.787 |  |
| Stddev | .00084 | .0021  | .00006 | .00015 | .00018 | .0033  | .145   |  |
| %RSD   | .28526 | .15109 | .33698 | .19830 | .28608 | .11636 | .39296 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .29600 | 1.4008 | .01683 | .07793 | .06159 | 2.8210 | 36.884 |  |
| #2 | .29438 | 1.4040 | .01687 | .07774 | .06173 | 2.8222 | 36.621 |  |
| #3 | .29478 | 1.4048 | .01694 | .07763 | .06138 | 2.8272 | 36.857 |  |

Sample Name: S3      Acquired: 12/3/2024 17:24:44      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2578.4 | 58975. | 12300. | 1878.9 | 4115.9 |
| Stddev    | 7.4    | 110.   | 15.    | 2.3    | 6.6    |
| %RSD      | .28692 | .18610 | .11958 | .12506 | .16096 |
| #1        | 2577.9 | 58848. | 12288. | 1876.3 | 4114.0 |
| #2        | 2586.0 | 59040. | 12294. | 1881.0 | 4123.3 |
| #3        | 2571.3 | 59036. | 12316. | 1879.3 | 4110.5 |

Sample Name: S4      Acquired: 12/3/2024 17:29:01      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .30604 | .32352 | 1.1463 | .46024 | 1.0292 | .64979 | 35.545 | .92357 |
| Stddev | .00015 | .00442 | .0021  | .00031 | .0007  | .00191 | .168   | .00750 |
| %RSD   | .04804 | 1.3666 | .18179 | .06766 | .06535 | .29361 | .47216 | .81227 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .30617 | .32141 | 1.1485 | .46053 | 1.0297 | .65112 | 35.362 | .93191 |
| #2 | .30608 | .32861 | 1.1460 | .45991 | 1.0285 | .65064 | 35.692 | .92141 |
| #3 | .30588 | .32056 | 1.1444 | .46028 | 1.0295 | .64760 | 35.581 | .91738 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.4076 | 1.3584 | .20424 | 2.1458 | 1.0010 | .02967 | 1.6693 | .38156 |
| Stddev | .0154  | .0050  | .00047 | .0061  | .0019  | .00011 | .0048  | .00139 |
| %RSD   | .28439 | .36881 | .23154 | .28571 | .18631 | .37184 | .28505 | .36425 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4239 | 1.3641 | .20473 | 2.1522 | 1.0031 | .02957 | 1.6747 | .38239 |
| #2 | 5.4055 | 1.3551 | .20422 | 2.1452 | .99994 | .02964 | 1.6673 | .38234 |
| #3 | 5.3934 | 1.3559 | .20378 | 2.1400 | .99987 | .02979 | 1.6659 | .37995 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.5212 | .32747 | .76560 | .32988 | 8.6998 | .18406 | 2.0675 | 3.9104 |
| Stddev | .0029  | .00070 | .00122 | .00108 | .0067  | .00033 | .0157  | .0052  |
| %RSD   | .18900 | .21243 | .15907 | .32628 | .07704 | .17827 | .75807 | .13381 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5242 | .32815 | .76493 | .33112 | 8.7073 | .18369 | 2.0845 | 3.9162 |
| #2 | 1.5210 | .32749 | .76700 | .32920 | 8.6945 | .18427 | 2.0644 | 3.9089 |
| #3 | 1.5184 | .32676 | .76486 | .32932 | 8.6975 | .18423 | 2.0537 | 3.9061 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .56308 | 2.6846 | .03413 | .15300 | .12115 | 5.5643 | 71.209 |  |
| Stddev | .00148 | .0053  | .00014 | .00107 | .00075 | .0105  | .166   |  |
| %RSD   | .26280 | .19551 | .40953 | .69984 | .62280 | .18921 | .23289 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .56412 | 2.6904 | .03399 | .15226 | .12119 | 5.5744 | 71.358 |  |
| #2 | .56374 | 2.6833 | .03411 | .15423 | .12188 | 5.5653 | 71.239 |  |
| #3 | .56139 | 2.6802 | .03427 | .15252 | .12038 | 5.5534 | 71.030 |  |

Sample Name: S4      Acquired: 12/3/2024 17:29:01      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2446.5 | 56906. | 12547. | 1751.5 | 3892.9 |
| Stddev    | 3.8    | 83.    | 90.    | 2.0    | 8.5    |
| %RSD      | .15526 | .14640 | .71964 | .11389 | .21742 |
|           |        |        |        |        |        |
| #1        | 2442.2 | 56846. | 12452. | 1750.8 | 3886.5 |
| #2        | 2449.4 | 56871. | 12555. | 1750.0 | 3889.8 |
| #3        | 2447.8 | 57001. | 12632. | 1753.8 | 3902.5 |

Sample Name: S5      Acquired: 12/3/2024 17:33:15      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .65041 | .67822 | 2.4305 | .97443 | 2.1882 | 1.3609 | 73.112 | 1.8582 |
| Stddev | .00137 | .00348 | .0076  | .00250 | .0063  | .0049  | .151   | .0033  |
| %RSD   | .21093 | .51367 | .31478 | .25674 | .28682 | .35865 | .20653 | .17741 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .64890 | .67466 | 2.4225 | .97211 | 2.1811 | 1.3563 | 72.938 | 1.8604 |
| #2 | .65159 | .68162 | 2.4312 | .97708 | 2.1932 | 1.3604 | 73.193 | 1.8545 |
| #3 | .65073 | .67839 | 2.4378 | .97410 | 2.1901 | 1.3660 | 73.205 | 1.8599 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 11.489 | 2.7683 | .41914 | 4.5916 | 2.0930 | .06238 | 3.4066 | .78941 |
| Stddev | .030   | .0034  | .00140 | .0119  | .0036  | .00013 | .0040  | .00110 |
| %RSD   | .26071 | .12172 | .33410 | .25957 | .17257 | .20096 | .11640 | .13975 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.462 | 2.7672 | .41829 | 4.5806 | 2.0889 | .06223 | 3.4020 | .78848 |
| #2 | 11.484 | 2.7721 | .41837 | 4.5899 | 2.0959 | .06246 | 3.4087 | .79063 |
| #3 | 11.521 | 2.7656 | .42075 | 4.6043 | 2.0941 | .06244 | 3.4090 | .78911 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.2331 | .68881 | 1.6538 | .67789 | 17.863 | .40113 | 4.1945 | 8.1669 |
| Stddev | .0072  | .00147 | .0028  | .00071 | .046   | .00135 | .0088  | .0224  |
| %RSD   | .22292 | .21286 | .17128 | .10541 | .25708 | .33619 | .20891 | .27457 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.2257 | .68943 | 1.6554 | .67710 | 17.903 | .40055 | 4.2034 | 8.1424 |
| #2 | 3.2334 | .68714 | 1.6505 | .67808 | 17.813 | .40016 | 4.1859 | 8.1864 |
| #3 | 3.2401 | .68988 | 1.6555 | .67849 | 17.873 | .40267 | 4.1941 | 8.1720 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 1.1912 | 5.5553 | .07366 | .33949 | .26896 | 11.808 | 143.88 |  |
| Stddev | .0042  | .0102  | .00052 | .00129 | .00048 | .042   | .25    |  |
| %RSD   | .35556 | .18320 | .70832 | .37942 | .17906 | .35907 | .17515 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.1866 | 5.5439 | .07319 | .33807 | .26842 | 11.764 | 143.60 |  |
| #2 | 1.1920 | 5.5585 | .07356 | .33983 | .26936 | 11.813 | 143.94 |  |
| #3 | 1.1949 | 5.5634 | .07422 | .34057 | .26909 | 11.848 | 144.09 |  |

Sample Name: S5      Acquired: 12/3/2024 17:33:15      Type: Cal  
Method: NON EPA-6010-200.7(v2483)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2320.0 | 54853. | 12485. | 1662.1 | 3599.8 |
| Stddev    | 4.5    | 38.    | 13.    | 2.7    | 3.3    |
| %RSD      | .19573 | .06850 | .10363 | .16123 | .09221 |
| #1        | 2318.4 | 54854. | 12471. | 1663.6 | 3596.2 |
| #2        | 2316.4 | 54891. | 12490. | 1659.0 | 3602.8 |
| #3        | 2325.1 | 54816. | 12496. | 1663.7 | 3600.2 |

Sample Name: ICV01      Acquired: 12/3/2024 17:37:28      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9998708 | 1.037280 | 1.005500 | 1.027897 | 1.017762 | 2.587975 |
| Stddev | .0036895 | .004384  | .003590  | .002922  | .006437  | .001879  |
| %RSD   | .3690021 | .4226158 | .3570537 | .2842702 | .6324567 | .0726238 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9956352 | 1.032621 | 1.001401 | 1.025095 | 1.011454 | 2.589929 |
| #2 | 1.002386 | 1.041323 | 1.008087 | 1.027669 | 1.017511 | 2.587815 |
| #3 | 1.001591 | 1.037896 | 1.007012 | 1.030925 | 1.024321 | 2.586180 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5113021 | .5317837 | .5100100 | 10.32718 | .5330124 | .5116091 |
| Stddev | .0010278 | .0010585 | .0012250 | .01718   | .0004908 | .0010305 |
| %RSD   | .2010120 | .1990432 | .2401812 | .1663119 | .0920794 | .2014144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5118084 | .5324968 | .5085960 | 10.34691 | .5327273 | .5104200 |
| #2 | .5101194 | .5305675 | .5106865 | 10.31558 | .5335792 | .5122398 |
| #3 | .5119785 | .5322868 | .5107477 | 10.31905 | .5327309 | .5121676 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5247814 | 9.828270 | .5279407 | 6.077528 | .5146273 | .2541284 |
| Stddev | .0016463 | .032221  | .0004913 | .017647  | .0015326 | .0004916 |
| %RSD   | .3137148 | .3278428 | .0930540 | .2903713 | .2978011 | .1934428 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5230360 | 9.830565 | .5277432 | 6.097736 | .5128815 | .2542266 |
| #2 | .5250019 | 9.859282 | .5275789 | 6.069697 | .5152496 | .2545635 |
| #3 | .5263064 | 9.794962 | .5285000 | 6.065152 | .5157508 | .2535951 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.646399 | .5167924 | 1.028678 | 9.532312 | F .0250206 | F .0018125 |
| Stddev | .027737  | .0015387 | .002465  | .029783  | .0009940   | .0005453   |
| %RSD   | .2875331 | .2977412 | .2396126 | .3124428 | 3.972815   | 30.08644   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.631685 | .5184586 | 1.030221 | 9.503580 | .0259507 | .0024299 |
| #2 | 9.678392 | .5154251 | 1.029978 | 9.563045 | .0251379 | .0016110 |
| #3 | 9.629120 | .5164936 | 1.025835 | 9.530311 | .0239731 | .0013966 |

Sample Name: ICV01      Acquired: 12/3/2024 17:37:28      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Sn1899     | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.000539 | F -.000211 | F .0002026 | F .0047628 | F -.004179 | F -.001905 |
| Stddev | .000643    | .000387    | .0028494   | .0004876   | .002217    | .000746    |
| %RSD   | 119.1504   | 183.0705   | 1406.396   | 10.23770   | 53.04030   | 39.16409   |
| #1     | .000152    | -.000646   | .0022800   | .0052597   | -.004006   | -.002584   |
| #2     | -.001119   | -.000080   | -.003046   | .0047436   | -.006478   | -.001106   |
| #3     | -.000651   | .000093    | .001374    | .0042850   | -.002055   | -.002025   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.008470 |
| Stddev | .000047    |
| %RSD   | .5491405   |
| #1     | -.008468   |
| #2     | -.008517   |
| #3     | -.008424   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2579.778 | 59839.03 | 12769.76 | 1848.524 | 4255.742 |
| Stddev    | 9.844    | 82.25    | 38.02    | 7.600    | 13.977   |
| %RSD      | .3815680 | .1374545 | .2977534 | .4111493 | .3284364 |
| #1        | 2588.275 | 59873.66 | 12738.70 | 1849.646 | 4269.087 |
| #2        | 2582.068 | 59745.13 | 12812.16 | 1840.424 | 4256.931 |
| #3        | 2568.991 | 59898.32 | 12758.43 | 1855.500 | 4241.208 |

Sample Name: LLICV01      Acquired: 12/3/2024 17:41:33      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0211049 | .0419077 | .0115177 | .0205029 | .0510557 | .1075010 |
| Stddev | .0024166 | .0010504 | .0007315 | .0014425 | .0009096 | .0019105 |
| %RSD   | 11.45032 | 2.506557 | 6.350649 | 7.035652 | 1.781552 | 1.777168 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0200320 | .0407784 | .0120305 | .0218200 | .0517517 | .1052979 |
| #2 | .0194105 | .0420890 | .0118424 | .0207273 | .0500265 | .1085049 |
| #3 | .0238722 | .0428557 | .0106801 | .0189613 | .0513889 | .1087003 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0961744 | .0063467 | .0061232 | 2.102460 | .0105026 | .0300537 |
| Stddev | .0004171 | .0000278 | .0000854 | .014192  | .0001080 | .0000883 |
| %RSD   | .4336981 | .4382477 | 1.395373 | .6750328 | 1.028475 | .2939013 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0966071 | .0063592 | .0060555 | 2.114328 | .0104079 | .0301061 |
| #2 | .0957749 | .0063148 | .0062192 | 2.086739 | .0104797 | .0301031 |
| #3 | .0961414 | .0063660 | .0060949 | 2.106312 | .0106202 | .0299517 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0228522 | .0946950 | .0210445 | 2.224239 | .0397814 | .0106934 |
| Stddev | .0000795 | .0024782 | .0002870 | .012438  | .0002073 | .0002906 |
| %RSD   | .3479147 | 2.616981 | 1.363596 | .5592224 | .5210450 | 2.717232 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0227873 | .0935246 | .0207280 | 2.212427 | .0397954 | .0104342 |
| #2 | .0228285 | .0975416 | .0211179 | 2.237221 | .0399813 | .0106386 |
| #3 | .0229409 | .0930189 | .0212877 | 2.223071 | .0395675 | .0110075 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.850053 | .0407251 | .0424757 | 1.913614 | .1166128 | .2130163 |
| Stddev | .009300  | .0008676 | .0001839 | .024024  | .0004057 | .0001066 |
| %RSD   | .5027045 | 2.130461 | .4328535 | 1.255417 | .3478793 | .0500525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.840821 | .0398409 | .0422821 | 1.888959 | .1163521 | .2130907 |
| #2 | 1.849916 | .0415752 | .0424970 | 1.914929 | .1164062 | .2130641 |
| #3 | 1.859420 | .0407591 | .0426480 | 1.936953 | .1170802 | .2128941 |

Sample Name: LLICV01      Acquired: 12/3/2024 17:41:33      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0407456 | .0416591 | .3510802 | .0207042 | F .0130890 | .0196306 |
| Stddev | .0000250 | .0005082 | .0064595 | .0026353 | .0010008   | .0004285 |
| %RSD   | .0612244 | 1.219951 | 1.839889 | 12.72834 | 7.646366   | 2.182747 |
| #1     | .0407228 | .0412694 | .3548948 | .0235986 | .0139700   | .0193673 |
| #2     | .0407723 | .0414740 | .3547237 | .0184436 | .0120008   | .0201251 |
| #3     | .0407417 | .0422339 | .3436221 | .0200704 | .0132961   | .0193996 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0218342 |
| Stddev | .0000248 |
| %RSD   | .1134509 |
| #1     | .0218075 |
| #2     | .0218564 |
| #3     | .0218387 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2551.085 | 58639.56 | 12495.08 | 1773.702 | 4311.300 |
| Stddev    | 4.829    | 50.98    | 22.69    | 4.546    | 6.799    |
| %RSD      | .1892866 | .0869315 | .1815990 | .2562801 | .1577096 |
| #1        | 2549.050 | 58628.81 | 12468.92 | 1776.984 | 4306.229 |
| #2        | 2556.599 | 58594.81 | 12506.84 | 1775.610 | 4319.026 |
| #3        | 2547.607 | 58695.05 | 12509.48 | 1768.514 | 4308.644 |

Sample Name: ICB01      Acquired: 12/3/2024 17:50:33      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000878 | -.000924 | -.000913 | .0004662 | .0003088 | -.003824 | -.004666 |
| Stddev | .001216  | .000987  | .000942  | .0001689 | .0008237 | .002294  | .000313  |
| %RSD   | 138.4618 | 106.8351 | 103.2110 | 36.22942 | 266.7370 | 59.98688 | 6.704952 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000789 | -.000441 | -.000719 | .0003916 | .0010859 | -.004493 | -.004785 |
| #2 | .000291  | -.000271 | -.000083 | .0003475 | -.000555 | -.005709 | -.004902 |
| #3 | -.002136 | -.002059 | -.001937 | .0006596 | .000395  | -.001270 | -.004311 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000100 | .0000818 | -.014250 | .0001242 | .0000888 | -.000280 | -.002995 |
| Stddev | .0000677 | .0001094 | .003414  | .0000810 | .0001169 | .000175  | .002306  |
| %RSD   | 675.4126 | 133.7660 | 23.95735 | 65.17150 | 131.5711 | 62.45696 | 76.98333 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000064 | .0000511 | -.015916 | .0000557 | -.000006 | -.000439 | -.003520 |
| #2 | .000027  | .0002032 | -.010323 | .0002135 | .000219  | -.000092 | -.000472 |
| #3 | .000068  | -.000009 | -.016510 | .0001034 | .000053  | -.000309 | -.004993 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000030 | -.000640 | -.000169 | .0003842 | -.188844 | -.000289 | -.000651 |
| Stddev | .000177  | .012448  | .000165  | .0004763 | .008059  | .001642  | .000066  |
| %RSD   | 596.6230 | 1943.675 | 97.93906 | 123.9670 | 4.267296 | 568.2960 | 10.07415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000034  | .010603  | -.000327 | .0009195 | -.197579 | -.001821 | -.000581 |
| #2 | .000106  | .001493  | -.000182 | .0000074 | -.181698 | .001444  | -.000662 |
| #3 | -.000229 | -.014017 | .000003  | .0002256 | -.187254 | -.000489 | -.000710 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001576 | .0026327 | .0001984 | .0002087 | .0005791 | -.002131 | .0018240 |
| Stddev | .003605  | .0000474 | .0000869 | .0000668 | .0003549 | .001711  | .0013652 |
| %RSD   | 228.7662 | 1.799474 | 43.81561 | 32.02706 | 61.28533 | 80.27631 | 74.84580 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000582  | .0025805 | .0002904 | .0002171 | .0008994 | -.001031 | .0027402 |
| #2 | -.005737 | .0026449 | .0001872 | .0002710 | .0006405 | -.004102 | .0002550 |
| #3 | .000428  | .0026728 | .0001176 | .0001381 | .0001975 | -.001260 | .0024769 |

Sample Name: ICB01      Acquired: 12/3/2024 17:50:33      Type: Unk  
 Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005065 | .0000850 | -.000023 |
| Stddev | .000360  | .0006251 | .000020  |
| %RSD   | 7.109629 | 735.7307 | 87.69785 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005121 | -.000075 | -.000005 |
| #2 | -.004681 | -.000444 | -.000019 |
| #3 | -.005395 | .000775  | -.000044 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2563.244 | 60045.85 | 12848.84 | 1782.213 | 4456.563 |
| Stddev    | 19.231   | 117.70   | 46.05    | 7.985    | 29.755   |
| %RSD      | .7502728 | .1960162 | .3583626 | .4480599 | .6676718 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2549.640 | 60173.94 | 12836.06 | 1784.879 | 4433.782 |
| #2 | 2554.845 | 60021.16 | 12899.93 | 1788.525 | 4445.679 |
| #3 | 2585.246 | 59942.45 | 12810.53 | 1773.236 | 4490.228 |

Sample Name: CRI01      Acquired: 12/3/2024 17:54:53      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0199447 | .0391717 | .0109764 | .0207776 | .0487981 | .1006250 | .0881795 |
| Stddev | .0020320 | .0016257 | .0014925 | .0016087 | .0007881 | .0062194 | .0006903 |
| %RSD   | 10.18830 | 4.150144 | 13.59728 | 7.742248 | 1.615056 | 6.180804 | .7828971 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0190553 | .0394688 | .0112985 | .0224237 | .0494742 | .1058361 | .0889724 |
| #2 | .0222697 | .0374180 | .0122816 | .0206999 | .0489874 | .0937399 | .0877122 |
| #3 | .0185090 | .0406284 | .0093492 | .0192092 | .0479325 | .1022992 | .0878537 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058559 | .0056343 | 1.983584 | .0100988 | .0280651 | .0210364 | .0924264 |
| Stddev | .0000229 | .0000373 | .014045  | .0003600 | .0001558 | .0003593 | .0016470 |
| %RSD   | .3903664 | .6623733 | .7080451 | 3.564357 | .5550512 | 1.707849 | 1.781992 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058702 | .0056429 | 1.994999 | .0103429 | .0279840 | .0208993 | .0937450 |
| #2 | .0058295 | .0056666 | 1.967900 | .0102682 | .0282447 | .0207658 | .0929539 |
| #3 | .0058679 | .0055934 | 1.987851 | .0096854 | .0279666 | .0214440 | .0905802 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0199390 | 2.057922 | .0377148 | .0102089 | 1.774283 | .0397404 | .0420154 |
| Stddev | .0003149 | .017238  | .0002848 | .0001342 | .018632  | .0011644 | .0002161 |
| %RSD   | 1.579303 | .8376276 | .7551871 | 1.314171 | 1.050138 | 2.930046 | .5142773 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203024 | 2.064159 | .0374879 | .0101112 | 1.753071 | .0405644 | .0419498 |
| #2 | .0197675 | 2.038434 | .0380344 | .0103619 | 1.781772 | .0384083 | .0422567 |
| #3 | .0197470 | 2.071172 | .0376220 | .0101536 | 1.788005 | .0402486 | .0418398 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.843339 | .1020869 | .2048805 | .0513128 | .0388196 | .3343886 | .0194313 |
| Stddev | .023804  | .0003376 | .0006013 | .0004953 | .0006566 | .0070646 | .0010505 |
| %RSD   | 1.291366 | .3306805 | .2935005 | .9653066 | 1.691411 | 2.112676 | 5.406513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.824178 | .1024101 | .2048232 | .0514315 | .0388985 | .3338915 | .0206407 |
| #2 | 1.835853 | .1021139 | .2043099 | .0507689 | .0394331 | .3416886 | .0187451 |
| #3 | 1.869987 | .1017366 | .2055084 | .0517380 | .0381270 | .3275858 | .0189079 |

Sample Name: CRI01      Acquired: 12/3/2024 17:54:53      Type: Unk  
 Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0150396 | .0177542 | .0207830 |
| Stddev | .0010347 | .0004129 | .0000729 |
| %RSD   | 6.880026 | 2.325690 | .3509228 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0148828 | .0180451 | .0207226 |
| #2 | .0140922 | .0172816 | .0207624 |
| #3 | .0161437 | .0179359 | .0208640 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2590.574 | 60624.51 | 13143.56 | 1802.226 | 4451.545 |
| Stddev    | 5.888    | 200.72   | 97.75    | 15.927   | 6.856    |
| %RSD      | .2272670 | .3310860 | .7437208 | .8837266 | .1540186 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2586.805 | 60628.37 | 13031.75 | 1802.214 | 4448.320 |
| #2 | 2587.559 | 60421.89 | 13186.12 | 1786.306 | 4446.897 |
| #3 | 2597.359 | 60823.28 | 13212.82 | 1818.159 | 4459.420 |

Sample Name: ICSA01      Acquired: 12/3/2024 17:59:11      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000124 | .0106170 | .0074308 | -.013714 | -.001014 | 260.3978 |
| Stddev | .002223  | .0042345 | .0003611 | .000807  | .001478  | 1.2517   |
| %RSD   | 1791.662 | 39.88456 | 4.859492 | 5.885182 | 145.8214 | .4806977 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000602  | .0094795 | .0072286 | -.014552 | -.002562 | 259.4767 |
| #2 | -.002620 | .0070673 | .0072160 | -.013649 | -.000864 | 259.8938 |
| #3 | .001646  | .0153041 | .0078477 | -.012942 | .000384  | 261.8230 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000781 | .0012373 | .0055942 | 241.4113 | .0567501 | .0021385 |
| Stddev | .000230  | .0001099 | .0000839 | .7348    | .0002534 | .0002561 |
| %RSD   | 29.45079 | 8.882386 | 1.500512 | .3043701 | .4464361 | 11.97398 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000553 | .0013464 | .0055805 | 240.6097 | .0570278 | .0019623 |
| #2 | -.000778 | .0012390 | .0055179 | 241.5715 | .0566908 | .0020209 |
| #3 | -.001013 | .0011266 | .0056841 | 242.0528 | .0565316 | .0024322 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004159 | 96.97559 | .0057609 | 266.3235 | .0027621 | -.003394 |
| Stddev | .000338  | .19611   | .0005912 | 1.1986   | .0001731 | .000553  |
| %RSD   | 8.131979 | .2022244 | 10.26239 | .4500649 | 6.267048 | 16.28529 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004150 | 96.77233 | .0055449 | 264.9833 | .0029107 | -.002758 |
| #2 | -.003825 | 96.99075 | .0053081 | 266.6940 | .0025720 | -.003673 |
| #3 | -.004501 | 97.16367 | .0064297 | 267.2931 | .0028037 | -.003752 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.099892 | .0068404 | .0057617 | .0459104 | .0091285 | .0004476 |
| Stddev | .006383  | .0014163 | .0002991 | .0251151 | .0000908 | .0002780 |
| %RSD   | 6.389540 | 20.70534 | 5.190668 | 54.70452 | .9946870 | 62.11787 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.105965 | .0059229 | .0054846 | .0200652 | .0090373 | .0004771 |
| #2 | -.100472 | .0061266 | .0057217 | .0702254 | .0092188 | .0001560 |
| #3 | -.093239 | .0084715 | .0060788 | .0474406 | .0091294 | .0007097 |

Sample Name: ICSA01      Acquired: 12/3/2024 17:59:11      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.001761 | -.000943 | .0135187 | -.000986 | -.015519 | F -.040515 |
| Stddev | .001313  | .000275  | .0117611 | .002013  | .002431  | .001244    |
| %RSD   | 74.56528 | 29.12471 | 86.99934 | 204.2013 | 15.66473 | 3.069786   |
| #1     | -.003255 | -.001051 | .0080645 | -.003293 | -.017965 | -.039247   |
| #2     | -.000789 | -.000631 | .0054748 | -.000083 | -.015489 | -.040566   |
| #3     | -.001239 | -.001147 | .0270167 | .000418  | -.013104 | -.041733   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0102603 |
| Stddev | .0001974 |
| %RSD   | 1.923650 |
| #1     | .0102805 |
| #2     | .0104468 |
| #3     | .0100536 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2226.820 | 52311.96 | 12344.42 | 1550.977 | 3419.514 |
| Stddev    | 5.285    | 82.75    | 11.08    | 2.708    | 9.000    |
| %RSD      | .2373433 | .1581821 | .0897825 | .1745851 | .2631924 |
| #1        | 2224.516 | 52216.47 | 12348.95 | 1551.419 | 3421.240 |
| #2        | 2232.866 | 52356.58 | 12352.52 | 1553.436 | 3427.526 |
| #3        | 2223.078 | 52362.82 | 12331.79 | 1548.075 | 3409.777 |

Sample Name: ICSAB01      Acquired: 12/3/2024 18:13:55      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1058641 | .0940144 | .0548466 | .0379275 | .6149192 | 249.4380 |
| Stddev | .0047058 | .0008176 | .0010685 | .0021727 | .0036488 | .7109    |
| %RSD   | 4.445089 | .8696196 | 1.948125 | 5.728526 | .5933819 | .2849882 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1031836 | .0939775 | .0556166 | .0358572 | .6176475 | 250.0432 |
| #2 | .1031111 | .0948498 | .0552965 | .0377355 | .6107746 | 248.6552 |
| #3 | .1112977 | .0932160 | .0536268 | .0401899 | .6163355 | 249.6158 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4777389 | .4827949 | .9659414 | 228.9298 | .5373810 | .4845165 |
| Stddev | .0001867 | .0014783 | .0008621 | .2295    | .0022116 | .0001501 |
| %RSD   | .0390775 | .3061859 | .0892451 | .1002619 | .4115583 | .0309861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4779385 | .4844269 | .9650232 | 228.9840 | .5361889 | .4844391 |
| #2 | .4775686 | .4824123 | .9667334 | 228.6780 | .5360211 | .4846896 |
| #3 | .4777097 | .4815456 | .9660674 | 229.1273 | .5399329 | .4844209 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4598187 | 92.31172 | .4665364 | 251.8553 | .9476094 | .1879821 |
| Stddev | .0011484 | .67522   | .0015331 | .4534    | .0019086 | .0001963 |
| %RSD   | .2497568 | .7314525 | .3286058 | .1800074 | .2014150 | .1044211 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4611400 | 91.75657 | .4671060 | 251.6444 | .9464006 | .1878168 |
| #2 | .4592557 | 92.11520 | .4648001 | 251.5458 | .9498097 | .1879304 |
| #3 | .4590603 | 93.06340 | .4677032 | 252.3757 | .9466179 | .1881990 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.178831 | .4789393 | 1.038915 | .0233918 | F .0131697 | F .0007508 |
| Stddev | .015158  | .0023889 | .006882  | .0066942 | .0003647   | .0001061   |
| %RSD   | 8.476261 | .4987811 | .6624635 | 28.61786 | 2.769299   | 14.13768   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.194363 | .4784826 | 1.034861 | .0197590 | .0132586 | .0007486 |
| #2 | -.178055 | .4768118 | 1.035022 | .0192993 | .0127687 | .0006457 |
| #3 | -.164076 | .4815235 | 1.046861 | .0311171 | .0134817 | .0008580 |

Sample Name: ICSAB01      Acquired: 12/3/2024 18:13:55      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Sn1899     | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.002865 | F -.001705 | F .0072505 | F .0055892 | F -.017159 | F -.038586 |
| Stddev | .000144    | .000387    | .0053323   | .0056871   | .004594    | .000207    |
| %RSD   | 5.017281   | 22.69997   | 73.54408   | 101.7525   | 26.77477   | .5365211   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003025 | -.001425 | .0051982 | .0001285 | -.017234 | -.038613 |
| #2 | -.002824 | -.002147 | .0032493 | .0114785 | -.021716 | -.038366 |
| #3 | -.002747 | -.001544 | .0133041 | .0051605 | -.012528 | -.038778 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0103728 |
| Stddev | .0007374   |
| %RSD   | 7.108653   |

|    |          |
|----|----------|
| #1 | .0109178 |
| #2 | .0106668 |
| #3 | .0095338 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2279.245 | 53956.62 | 12751.82 | 1583.748 | 3526.633 |
| Stddev    | 8.700    | 273.75   | 55.66    | 13.775   | 9.242    |
| %RSD      | .3816959 | .5073567 | .4365000 | .8697570 | .2620756 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2269.979 | 53992.71 | 12689.77 | 1586.874 | 3516.759 |
| #2 | 2287.238 | 54210.53 | 12797.36 | 1595.691 | 3535.077 |
| #3 | 2280.519 | 53666.61 | 12768.34 | 1568.679 | 3528.064 |

Sample Name: CCV01      Acquired: 12/3/2024 18:18:10      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.829086 | 4.884008 | 4.672178 | 4.843136 | 4.903553 | 9.529443 | 9.258172 |
| Stddev | .021748  | .058284  | .009418  | .029231  | .016550  | .009247  | .031661  |
| %RSD   | .4503598 | 1.193362 | .2015696 | .6035474 | .3375103 | .0970392 | .3419798 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.816279 | 4.832673 | 4.663938 | 4.816364 | 4.885299 | 9.535879 | 9.222196 |
| #2 | 4.816782 | 4.871986 | 4.670153 | 4.838723 | 4.907781 | 9.518846 | 9.270529 |
| #3 | 4.854197 | 4.947366 | 4.682444 | 4.874323 | 4.917579 | 9.533604 | 9.281792 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2306087 | 2.318633 | 23.06871 | .9442855 | 2.320512 | 1.198829 | 4.625257 |
| Stddev | .0006193 | .005564  | .05310   | .0004391 | .004347  | .001533  | .016796  |
| %RSD   | .2685680 | .2399738 | .2302027 | .0465050 | .1873307 | .1278442 | .3631414 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2312410 | 2.313484 | 23.01367 | .9440665 | 2.317351 | 1.197126 | 4.606290 |
| #2 | .2305819 | 2.317880 | 23.11964 | .9439990 | 2.318716 | 1.199260 | 4.631234 |
| #3 | .2300032 | 2.324535 | 23.07282 | .9447911 | 2.325470 | 1.200099 | 4.638247 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.275880 | 23.15680 | 2.319461 | 1.185766 | 25.16716 | 2.352313 | 2.401287 |
| Stddev | .006412  | .06895   | .002992  | .000611  | .10522   | .002482  | .005904  |
| %RSD   | .2817204 | .2977331 | .1290162 | .0515537 | .4180869 | .1055114 | .2458804 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.282960 | 23.13456 | 2.317987 | 1.185813 | 25.09756 | 2.349682 | 2.402522 |
| #2 | 2.270465 | 23.10172 | 2.317491 | 1.186352 | 25.11572 | 2.354613 | 2.406476 |
| #3 | 2.274216 | 23.23412 | 2.322904 | 1.185132 | 25.28821 | 2.352642 | 2.394863 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.66433 | 4.663590 | 4.853677 | 4.688629 | 4.641608 | 4.731277 | 4.797956 |
| Stddev | .10619   | .019121  | .015715  | .015715  | .007211  | .021644  | .020469  |
| %RSD   | .4487206 | .4100050 | .3237763 | .3351622 | .1553609 | .4574651 | .4266265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.62046 | 4.683425 | 4.839168 | 4.676014 | 4.647571 | 4.708906 | 4.786120 |
| #2 | 23.58710 | 4.662072 | 4.851494 | 4.683642 | 4.633593 | 4.732815 | 4.786155 |
| #3 | 23.78542 | 4.645273 | 4.870370 | 4.706232 | 4.643660 | 4.752111 | 4.821592 |

Sample Name: CCV01      Acquired: 12/3/2024 18:18:10      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.612407 | 4.720002 | 4.913570 |
| Stddev | .029377  | .019147  | .011314  |
| %RSD   | .6369161 | .4056584 | .2302530 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.598350 | 4.719248 | 4.921764 |
| #2 | 4.592700 | 4.701242 | 4.918285 |
| #3 | 4.646172 | 4.739514 | 4.900661 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2523.742 | 60135.27 | 13536.53 | 1775.549 | 4091.535 |
| Stddev    | 4.390    | 168.70   | 75.81    | 4.107    | 6.258    |
| %RSD      | .1739571 | .2805367 | .5600531 | .2312897 | .1529413 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2524.127 | 59944.19 | 13451.69 | 1772.029 | 4092.498 |
| #2 | 2527.926 | 60197.95 | 13560.25 | 1774.556 | 4097.256 |
| #3 | 2519.171 | 60263.65 | 13597.64 | 1780.061 | 4084.852 |

Sample Name: CCB01      Acquired: 12/3/2024 18:22:21      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001105 | -.002903 | -.000206 | .0015895 | -.000335 | -.004356 | -.005668 |
| Stddev | .000425  | .001225  | .000105  | .0009279 | .000190  | .001072  | .000230  |
| %RSD   | 38.51226 | 42.20732 | 50.82665 | 58.37448 | 56.78217 | 24.61736 | 4.065448 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000982 | -.003240 | -.000317 | .0019639 | -.000554 | -.003142 | -.005603 |
| #2 | -.001578 | -.003926 | -.000193 | .0022718 | -.000217 | -.005173 | -.005924 |
| #3 | -.000754 | -.001545 | -.000109 | .0005330 | -.000234 | -.004754 | -.005477 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000471 | .0000245 | -.003788 | .0002631 | .0000597 | -.000155 | .0003692 |
| Stddev | .0000101 | .0000128 | .004382  | .0002450 | .0001471 | .000015  | .0027473 |
| %RSD   | 21.33331 | 52.48324 | 115.6851 | 93.14076 | 246.4067 | 9.422414 | 744.0303 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000587 | .0000128 | -.004725 | .0003755 | -.000079 | -.000150 | -.002338 |
| #2 | .0000406 | .0000382 | .000987  | .0004317 | .000214  | -.000144 | .000291  |
| #3 | .0000421 | .0000224 | -.007626 | -.000018 | .000044  | -.000172 | .003155  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000130 | -.000380 | -.000019 | .0002869 | -.241409 | -.001052 | -.000557 |
| Stddev | .000128  | .005807  | .000166  | .0001479 | .009625  | .001129  | .000242  |
| %RSD   | 98.76930 | 1526.577 | 886.3771 | 51.54577 | 3.987214 | 107.3209 | 43.52265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000009  | -.002196 | .000173  | .0004232 | -.249697 | -.002336 | -.000374 |
| #2 | -.000245 | .006118  | -.000115 | .0001297 | -.243679 | -.000611 | -.000466 |
| #3 | -.000154 | -.005062 | -.000114 | .0003078 | -.230852 | -.000210 | -.000832 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.026262 | .0088919 | .0006640 | .0004551 | .0005986 | .0013628 | .0000933 |
| Stddev | .006802  | .0006379 | .0000054 | .0004193 | .0001895 | .0009235 | .0004399 |
| %RSD   | 25.90222 | 7.173996 | .8106956 | 92.12396 | 31.65519 | 67.76826 | 471.6316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.018626 | .0084096 | .0006609 | .0001133 | .0004711 | .0022474 | .0004087 |
| #2 | -.028484 | .0096152 | .0006702 | .0009230 | .0008163 | .0004047 | .0002803 |
| #3 | -.031675 | .0086508 | .0006610 | .0003291 | .0005083 | .0014363 | -.000409 |

Sample Name: CCB01      Acquired: 12/3/2024 18:22:21      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004767 | .0000417 | .0000319 |
| Stddev | .005018  | .0004130 | .0000114 |
| %RSD   | 105.2527 | 990.7883 | 35.63729 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000515  | .0003342 | .0000450 |
| #2 | -.005347 | .0002216 | .0000243 |
| #3 | -.009470 | -.000431 | .0000266 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2665.804 | 63020.30 | 13663.08 | 1841.490 | 4715.793 |
| Stddev    | 2.332    | 129.21   | 63.00    | 2.696    | 6.528    |
| %RSD      | .0874882 | .2050366 | .4611313 | .1463838 | .1384370 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2665.400 | 63108.72 | 13616.49 | 1839.044 | 4709.706 |
| #2 | 2668.313 | 62872.01 | 13637.99 | 1844.380 | 4722.688 |
| #3 | 2663.701 | 63080.17 | 13734.77 | 1841.045 | 4714.986 |

Sample Name: P5005-02      Acquired: 12/3/2024 18:26:41      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007840 | -.010119 | -.000154 | .0047317 | -.000516 | .1698789 | .1492524 |
| Stddev | .001929  | .000522  | .001443  | .0025776 | .001056  | .0062073 | .0001535 |
| %RSD   | 24.60943 | 5.156530 | 937.8032 | 54.47419 | 204.5356 | 3.653939 | .1028623 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007202 | -.010700 | .001490  | .0037481 | -.001546 | .1718716 | .1492997 |
| #2 | -.006310 | -.009968 | -.001211 | .0076562 | -.000566 | .1629199 | .1493766 |
| #3 | -.010008 | -.009690 | -.000740 | .0027908 | .000564  | .1748450 | .1490807 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000081 | .0001843 | 65.03120 | .0030895 | .0025044 | .0074424 | .1222578 |
| Stddev | .000024  | .0000528 | .15113   | .0001950 | .0002734 | .0002352 | .0046924 |
| %RSD   | 29.08341 | 28.66612 | .2323979 | 6.311922 | 10.91652 | 3.160703 | 3.838156 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000105 | .0001590 | 64.86878 | .0032403 | .0021906 | .0071951 | .1276584 |
| #2 | -.000080 | .0001489 | 65.05712 | .0028693 | .0026314 | .0076633 | .1191779 |
| #3 | -.000058 | .0002450 | 65.16769 | .0031590 | .0026911 | .0074690 | .1199371 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4687842 | 23.47820 | .0037066 | .0005294 | 383.2709 | .0004083 | .0580232 |
| Stddev | .0002709 | .04929   | .0001764 | .0000724 | 1.9655   | .0008025 | .0005809 |
| %RSD   | .0577871 | .2099521 | 4.759310 | 13.66830 | .5128319 | 196.5513 | 1.001173 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4685277 | 23.42134 | .0038492 | .0005321 | 383.8294 | .0012314 | .0583864 |
| #2 | .4687575 | 23.50880 | .0037612 | .0006004 | 381.0866 | .0003655 | .0573533 |
| #3 | .4690675 | 23.50447 | .0035093 | .0004558 | 384.8968 | -.000372 | .0583301 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9218720 | .0182504 | .0010970 | -.001300 | .0019833 | 1.479668 | .0068675 |
| Stddev | .0150173 | .0004911 | .0001487 | .000509  | .0005796 | .003714  | .0011742 |
| %RSD   | 1.629000 | 2.691133 | 13.55406 | 39.17764 | 29.22320 | .2510230 | 17.09870 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9355482 | .0184173 | .0010218 | -.000867 | .0023437 | 1.475499 | .0059371 |
| #2 | .9242663 | .0186364 | .0010009 | -.001172 | .0013147 | 1.482624 | .0081869 |
| #3 | .9058013 | .0176976 | .0012682 | -.001862 | .0022914 | 1.480882 | .0064785 |

Sample Name: P5005-02      Acquired: 12/3/2024 18:26:41      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4061536 | -.011754 | .1378373 |
| Stddev | .0024124 | .000343  | .0009345 |
| %RSD   | .5939693 | 2.917937 | .6779802 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4082952 | -.011408 | .1368196 |
| #2 | .4035401 | -.011760 | .1380356 |
| #3 | .4066255 | -.012094 | .1386568 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2186.625 | 52706.24 | 13044.21 | 1497.601 | 3548.852 |
| Stddev    | 4.957    | 105.64   | 10.69    | 12.740   | 6.856    |
| %RSD      | .2266935 | .2004323 | .0819651 | .8506660 | .1931988 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2186.364 | 52822.89 | 13056.51 | 1511.643 | 3545.467 |
| #2 | 2191.707 | 52678.81 | 13039.00 | 1494.378 | 3556.743 |
| #3 | 2181.804 | 52617.01 | 13037.12 | 1486.783 | 3544.347 |

Sample Name: P5031-01      Acquired: 12/3/2024 18:31:07      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0263319 | .0067463 | .1404834 | -.061799 | .0051956 | 49.95915 |
| Stddev | .0057259 | .0015197 | .0032365 | .000968  | .0021253 | .10305   |
| %RSD   | 21.74531 | 22.52596 | 2.303831 | 1.566468 | 40.90701 | .2062599 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0260842 | .0076951 | .1381932 | -.061096 | .0060559 | 49.85164 |
| #2 | .0321776 | .0075503 | .1390709 | -.061398 | .0027749 | 50.05706 |
| #3 | .0207338 | .0049936 | .1441860 | -.062903 | .0067559 | 49.96875 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3578203 | .0054478 | .0306800 | 68.12662 | .1917896 | .0695903 |
| Stddev | .0007684 | .0001275 | .0005022 | .04958   | .0008158 | .0006095 |
| %RSD   | .2147459 | 2.339705 | 1.636863 | .0727750 | .4253565 | .8758977 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3573014 | .0053816 | .0302424 | 68.07281 | .1910210 | .0695619 |
| #2 | .3587031 | .0053672 | .0305692 | 68.13659 | .1917024 | .0689954 |
| #3 | .3574565 | .0055948 | .0312283 | 68.17045 | .1926455 | .0702135 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1556512 | 381.2990 | 5.579001 | 24.76702 | .1439395 | -.003339 |
| Stddev | .0036098 | .5877    | .010822  | .01258   | .0007931 | .000952  |
| %RSD   | 2.319158 | .1541389 | .1939697 | .0507972 | .5509729 | 28.50933 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1529209 | 381.2081 | 5.566592 | 24.77978 | .1438779 | -.003681 |
| #2 | .1542889 | 380.7621 | 5.586476 | 24.76666 | .1431790 | -.002264 |
| #3 | .1597440 | 381.9269 | 5.583936 | 24.75463 | .1447616 | -.004073 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1232.535 | .3738029 | .2683208 | 12.84915 | .1572114 | .0866084 |
| Stddev | 4.354    | .0026178 | .0013077 | .02048   | .0033303 | .0006909 |
| %RSD   | .3532401 | .7003185 | .4873474 | .1593577 | 2.118366 | .7977788 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1237.114 | .3713879 | .2670256 | 12.83011 | .1549636 | .0864630 |
| #2 | 1232.043 | .3765848 | .2682962 | 12.84651 | .1556332 | .0860018 |
| #3 | 1228.449 | .3734361 | .2696405 | 12.87081 | .1610374 | .0873605 |

Sample Name: P5031-01      Acquired: 12/3/2024 18:31:07      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0069503 | 2.541593 | F 96.98276 | 3.062494 | F 20.79698 | .0270990 |
| Stddev | .0013516 | .006288  | .19541     | .013462  | .13488     | .0003652 |
| %RSD   | 19.44640 | .2474110 | .2014919   | .4395833 | .6485561   | 1.347627 |
| #1     | .0065736 | 2.536535 | 96.82309   | 3.054577 | 20.68835   | .0268641 |
| #2     | .0084503 | 2.548633 | 96.92452   | 3.054866 | 20.75464   | .0269132 |
| #3     | .0058271 | 2.539611 | 97.20067   | 3.078037 | 20.94795   | .0275197 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0119738 |
| Stddev | .0013804 |
| %RSD   | 11.52880 |
| #1     | .0111920 |
| #2     | .0135677 |
| #3     | .0111618 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2073.386 | 50692.06 | 13177.90 | 1420.244 | 2955.844 |
| Stddev    | 11.208   | 82.41    | 28.70    | 1.415    | 14.167   |
| %RSD      | .5405635 | .1625675 | .2177644 | .0996311 | .4792795 |
| #1        | 2081.206 | 50606.35 | 13171.25 | 1421.744 | 2964.891 |
| #2        | 2078.406 | 50699.12 | 13153.12 | 1418.933 | 2963.124 |
| #3        | 2060.545 | 50770.72 | 13209.34 | 1420.054 | 2939.518 |

Sample Name: P5045-01      Acquired: 12/3/2024 18:35:23      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000262 | -.004340 | .0230590 | -.009159 | .0008611 | 32.93697 |
| Stddev | .004535  | .000940  | .0005899 | .002640  | .0007058 | .10913   |
| %RSD   | 1732.824 | 21.66249 | 2.558414 | 28.82481 | 81.96279 | .3313409 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002050 | -.005226 | .0229700 | -.009437 | .0001130 | 32.81413 |
| #2 | -.003629 | -.004440 | .0225186 | -.011649 | .0009552 | 32.97403 |
| #3 | .004895  | -.003354 | .0236884 | -.006391 | .0015151 | 33.02274 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1044214 | .0022712 | .0036949 | 36.11835 | .0765005 | .0395647 |
| Stddev | .0006570 | .0000210 | .0000927 | .11344   | .0004142 | .0000923 |
| %RSD   | .6292021 | .9231409 | 2.509768 | .3140846 | .5413936 | .2332007 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1037402 | .0022479 | .0035895 | 36.03964 | .0765314 | .0394586 |
| #2 | .1044728 | .0022769 | .0037314 | 36.06703 | .0760717 | .0396264 |
| #3 | .1050513 | .0022887 | .0037639 | 36.24839 | .0768983 | .0396091 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0800904 | 69.27481 | .8134189 | 30.46927 | .0824353 | -.001741 |
| Stddev | .0003759 | .13569   | .0033714 | .11240   | .0004474 | .000197  |
| %RSD   | .4693119 | .1958768 | .4144687 | .3689048 | .5426704 | 11.33109 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0801400 | 69.27756 | .8128374 | 30.36647 | .0822461 | -.001514 |
| #2 | .0796922 | 69.13777 | .8103761 | 30.45206 | .0821136 | -.001845 |
| #3 | .0804390 | 69.40911 | .8170432 | 30.58929 | .0829462 | -.001865 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.690310 | .0921841 | .1750966 | 6.530916 | .0102166 | .0036981 |
| Stddev | .011123  | .0007094 | .0009752 | .011835  | .0009417 | .0000985 |
| %RSD   | .6580377 | .7695942 | .5569403 | .1812133 | 9.216944 | 2.664954 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.691801 | .0926905 | .1739898 | 6.517251 | .0108040 | .0036999 |
| #2 | 1.700612 | .0913733 | .1758295 | 6.537598 | .0091305 | .0035987 |
| #3 | 1.678517 | .0924887 | .1754705 | 6.537899 | .0107153 | .0037958 |

Sample Name: P5045-01      Acquired: 12/3/2024 18:35:23      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0013162 | 1.741517 | F 16.45803 | 3.455648 | .7044856 | .0560703 |
| Stddev | .0005546 | .005178  | .04926     | .001222  | .0036371 | .0003011 |
| %RSD   | 42.14005 | .2973080 | .2992893   | .0353492 | .5162794 | .5370355 |
| #1     | .0018050 | 1.737554 | 16.40204   | 3.455621 | .7017716 | .0557243 |
| #2     | .0014301 | 1.739622 | 16.47736   | 3.456883 | .7030669 | .0562133 |
| #3     | .0007134 | 1.747375 | 16.49469   | 3.454440 | .7086182 | .0562733 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0019792 |
| Stddev | .0002536 |
| %RSD   | 12.81364 |
| #1     | .0016867 |
| #2     | .0021378 |
| #3     | .0021130 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2516.504 | 61412.00 | 14106.43 | 1735.113 | 3999.570 |
| Stddev    | 2.927    | 59.47    | 9.77     | 6.933    | 5.038    |
| %RSD      | .1163097 | .0968439 | .0692542 | .3995987 | .1259672 |
| #1        | 2515.371 | 61353.10 | 14109.05 | 1742.723 | 3995.281 |
| #2        | 2514.313 | 61472.04 | 14114.61 | 1729.154 | 3998.312 |
| #3        | 2519.828 | 61410.86 | 14095.61 | 1733.463 | 4005.119 |

Sample Name: P5046-01      Acquired: 12/3/2024 18:39:35      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0487965 | -.008533 | .2904258 | -.019435 | .0024038 | 71.32315 |
| Stddev | .0032086 | .001973  | .0008004 | .001723  | .0007473 | .07783   |
| %RSD   | 6.575425 | 23.12140 | .2755803 | 8.867279 | 31.08863 | .1091297 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0451050 | -.006506 | .2906156 | -.021423 | .0024954 | 71.23904 |
| #2 | .0503695 | -.010447 | .2911142 | -.018369 | .0016149 | 71.33778 |
| #3 | .0509151 | -.008645 | .2895476 | -.018513 | .0031010 | 71.39264 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3335646 | .0042841 | .0072549 | 17.10230 | .1805128 | .0594751 |
| Stddev | .0015670 | .0000124 | .0001323 | .07555   | .0001516 | .0002010 |
| %RSD   | .4697820 | .2899196 | 1.823179 | .4417524 | .0839924 | .3379340 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3321018 | .0042717 | .0072182 | 17.04923 | .1804852 | .0593551 |
| #2 | .3352184 | .0042841 | .0071448 | 17.06887 | .1806763 | .0597071 |
| #3 | .3333738 | .0042965 | .0074016 | 17.18880 | .1803769 | .0593631 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2051992 | 142.8101 | 1.966634 | 18.93651 | .0996437 | -.002749 |
| Stddev | .0004833 | .5136    | .005319  | .05115   | .0003619 | .000353  |
| %RSD   | .2355457 | .3596150 | .2704569 | .2701132 | .3631853 | 12.83921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2047907 | 142.4340 | 1.960782 | 18.88125 | .0993989 | -.003153 |
| #2 | .2050742 | 143.3952 | 1.967946 | 18.94608 | .1000594 | -.002502 |
| #3 | .2057328 | 142.6011 | 1.971174 | 18.98220 | .0994728 | -.002591 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.272648 | .2765153 | .3234809 | 3.094302 | .0315123 | .0075296 |
| Stddev | .020825  | .0018354 | .0005256 | .030766  | .0023002 | .0001387 |
| %RSD   | .3949697 | .6637636 | .1624806 | .9942931 | 7.299275 | 1.841340 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.269032 | .2744643 | .3235610 | 3.063730 | .0299435 | .0075450 |
| #2 | 5.295045 | .2770786 | .3239620 | 3.125259 | .0341527 | .0073839 |
| #3 | 5.253867 | .2780031 | .3229200 | 3.093916 | .0304406 | .0076599 |

Sample Name: P5046-01      Acquired: 12/3/2024 18:39:35      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0083432 | 3.856838 | F 21.72649 | 2.481764 | .9571928 | .0482174 |
| Stddev | .0006883 | .007872  | .09183     | .006639  | .0040115 | .0004687 |
| %RSD   | 8.249679 | .2040921 | .4226821   | .2674969 | .4190887 | .9721068 |
| #1     | .0075516 | 3.848033 | 21.65678   | 2.475574 | .9534987 | .0477481 |
| #2     | .0087997 | 3.859291 | 21.83055   | 2.480944 | .9566198 | .0486856 |
| #3     | .0086785 | 3.863192 | 21.69214   | 2.488775 | .9614601 | .0482186 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.076965 |
| Stddev | .000549  |
| %RSD   | .7137182 |
| #1     | -.076735 |
| #2     | -.077591 |
| #3     | -.076567 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2623.773 | 63478.03 | 14827.69 | 1782.351 | 4109.839 |
| Stddev    | .711     | 262.82   | 41.33    | 8.345    | 1.908    |
| %RSD      | .0271099 | .4140310 | .2787597 | .4681884 | .0464205 |
| #1        | 2624.127 | 63303.59 | 14779.97 | 1776.989 | 4109.014 |
| #2        | 2622.954 | 63350.19 | 14851.29 | 1778.099 | 4108.483 |
| #3        | 2624.237 | 63780.31 | 14851.82 | 1791.966 | 4112.021 |

Sample Name: CCV02      Acquired: 12/3/2024 18:43:42      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.194849 | 5.092262 | 4.860876 | 5.224473 | 5.294470 | 10.10136 | 9.534566 |
| Stddev | .013016  | .048122  | .007620  | .006269  | .002169  | .02156   | .142182  |
| %RSD   | .2505634 | .9450065 | .1567593 | .1200001 | .0409709 | .2134712 | 1.491231 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.192752 | 5.117115 | 4.868859 | 5.230555 | 5.294810 | 10.08171 | 9.414086 |
| #2 | 5.183009 | 5.122875 | 4.853681 | 5.224832 | 5.292151 | 10.09795 | 9.691394 |
| #3 | 5.208787 | 5.036795 | 4.860087 | 5.218032 | 5.296449 | 10.12443 | 9.498219 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2361978 | 2.415736 | 23.73427 | 1.001370 | 2.426243 | 1.276722 | 4.860408 |
| Stddev | .0009625 | .002181  | .07369   | .001319  | .002484  | .001440  | .028709  |
| %RSD   | .4074782 | .0903006 | .3104985 | .1317510 | .1023685 | .1128065 | .5906690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2355044 | 2.416531 | 23.80639 | 1.001545 | 2.425811 | 1.275808 | 4.884385 |
| #2 | .2372966 | 2.413268 | 23.73731 | .999972  | 2.424003 | 1.275975 | 4.828594 |
| #3 | .2357923 | 2.417408 | 23.65910 | 1.002593 | 2.428914 | 1.278382 | 4.868244 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.307138 | 23.93743 | 2.425915 | 1.249125 | 27.44351 | 2.447557 | 2.538428 |
| Stddev | .005596  | .05626   | .004036  | .001192  | .14869   | .005195  | .012837  |
| %RSD   | .2425393 | .2350458 | .1663862 | .0954194 | .5418045 | .2122422 | .5057036 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.312657 | 23.96880 | 2.427619 | 1.250329 | 27.59136 | 2.445580 | 2.542807 |
| #2 | 2.307288 | 23.97102 | 2.421306 | 1.247945 | 27.29399 | 2.453450 | 2.523974 |
| #3 | 2.301469 | 23.87248 | 2.428820 | 1.249102 | 27.44519 | 2.443642 | 2.548501 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.57325 | 4.742191 | 5.173405 | 4.895383 | 4.809185 | 5.257152 | 4.974728 |
| Stddev | .13989   | .015043  | .002771  | .004728  | .004030  | .007105  | .027823  |
| %RSD   | .5470127 | .3172167 | .0535617 | .0965875 | .0837913 | .1351476 | .5592946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.67503 | 4.733621 | 5.172931 | 4.900691 | 4.810695 | 5.265353 | 5.005795 |
| #2 | 25.41373 | 4.759560 | 5.170901 | 4.891623 | 4.804618 | 5.252847 | 4.966282 |
| #3 | 25.63098 | 4.733391 | 5.176382 | 4.893834 | 4.812241 | 5.253257 | 4.952106 |

Sample Name: CCV02      Acquired: 12/3/2024 18:43:42      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.795523 | 4.957872 | 5.319385 |
| Stddev | .007828  | .012703  | .012420  |
| %RSD   | .1632455 | .2562156 | .2334846 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.804473 | 4.954974 | 5.307152 |
| #2 | 4.789951 | 4.946869 | 5.331984 |
| #3 | 4.792144 | 4.971774 | 5.319020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2323.257 | 56277.58 | 13123.75 | 1601.976 | 3826.447 |
| Stddev    | 6.445    | 256.15   | 56.37    | 12.855   | 9.767    |
| %RSD      | .2774292 | .4551507 | .4295251 | .8024616 | .2552556 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2326.699 | 55986.34 | 13094.51 | 1587.820 | 3829.755 |
| #2 | 2327.251 | 56378.49 | 13088.02 | 1612.922 | 3834.131 |
| #3 | 2315.821 | 56467.90 | 13188.73 | 1605.186 | 3815.456 |

Sample Name: CCB02      Acquired: 12/3/2024 18:47:52      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000532 | -.002184 | .0001164 | .0005107 | -.000962 | -.002359 | -.007944 |
| Stddev | .000969  | .001626  | .0007733 | .0005103 | .001032  | .002480  | .000570  |
| %RSD   | 182.0184 | 74.45606 | 664.2455 | 99.91081 | 107.3176 | 105.1105 | 7.172840 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000384  | -.003937 | .0001549 | .0001861 | -.001217 | -.004722 | -.007411 |
| #2 | -.000435 | -.000723 | .0008697 | .0002473 | .000174  | -.002578 | -.007877 |
| #3 | -.001547 | -.001893 | -.000675 | .0010989 | -.001843 | .000223  | -.008545 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000055 | .0000067 | -.005134 | .0003575 | .0000267 | -.000204 | -.000539 |
| Stddev | .0000349 | .0000371 | .006133  | .0001095 | .0000498 | .000129  | .003527  |
| %RSD   | 633.1731 | 551.7903 | 119.4551 | 30.63210 | 186.7366 | 62.92622 | 654.9988 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000457 | .0000451 | -.011886 | .0002394 | .0000327 | -.000056 | .002337  |
| #2 | -.000016 | -.000029 | .000093  | .0003773 | .0000732 | -.000269 | .000522  |
| #3 | -.000013 | .000004  | -.003610 | .0004557 | -.000026 | -.000288 | -.004474 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000028 | -.001398 | -.000051 | .0009159 | -.169791 | .0003686 | -.000533 |
| Stddev | .000095  | .004327  | .000242  | .0003004 | .008019  | .0005105 | .000233  |
| %RSD   | 332.7951 | 309.5871 | 474.5522 | 32.79437 | 4.722752 | 138.5070 | 43.78587 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000134 | -.003240 | -.000064 | .0012611 | -.176193 | -.000155 | -.000267 |
| #2 | .000048  | .003545  | .000197  | .0007718 | -.172384 | .000395  | -.000702 |
| #3 | .000001  | -.004498 | -.000287 | .0007147 | -.160797 | .000865  | -.000630 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0298820 | .0072620 | .0006898 | .0001752 | .0009520 | .0055645 | .0024495 |
| Stddev | .0121200 | .0005515 | .0003351 | .0006183 | .0002282 | .0029160 | .0021157 |
| %RSD   | 40.55947 | 7.593723 | 48.58481 | 352.8785 | 23.97588 | 52.40363 | 86.37360 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0182054 | .0075816 | .0010564 | .0001056 | .0007085 | .0079727 | .0001483 |
| #2 | .0290393 | .0075792 | .0006136 | -.000405 | .0011612 | .0023224 | .0043104 |
| #3 | .0424014 | .0066253 | .0003993 | .000825  | .0009863 | .0063985 | .0028898 |

Sample Name: CCB02      Acquired: 12/3/2024 18:47:52      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005308 | .0004221 | .0000262 |
| Stddev | .000750  | .0001984 | .0000303 |
| %RSD   | 14.12361 | 46.99752 | 115.5131 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.006172 | .0001939 | .0000168 |
| #2 | -.004840 | .0005188 | .0000600 |
| #3 | -.004911 | .0005535 | .0000018 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2530.136 | 60641.48 | 13485.59 | 1711.376 | 4531.920 |
| Stddev    | 11.157   | 222.22   | 35.17    | 6.195    | 10.697   |
| %RSD      | .4409462 | .3664430 | .2608137 | .3619661 | .2360433 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2517.882 | 60538.07 | 13446.67 | 1707.476 | 4520.029 |
| #2 | 2539.704 | 60896.56 | 13495.00 | 1718.519 | 4534.968 |
| #3 | 2532.823 | 60489.82 | 13515.10 | 1708.134 | 4540.762 |

Sample Name: P5025-02      Acquired: 12/3/2024 18:52:13      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007804 | -.011159 | .0032996 | .0044608 | .0009452 | .1747228 | .0889499 |
| Stddev | .001642  | .001634  | .0020347 | .0011407 | .0005972 | .0080937 | .0007336 |
| %RSD   | 21.03678 | 14.63993 | 61.66584 | 25.57094 | 63.18676 | 4.632306 | .8246811 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009678 | -.009373 | .0027425 | .0050650 | .0006345 | .1777381 | .0889665 |
| #2 | -.007114 | -.011525 | .0055548 | .0051724 | .0005673 | .1808759 | .0896750 |
| #3 | -.006619 | -.012578 | .0016014 | .0031452 | .0016337 | .1655542 | .0882082 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000175 | -.000002 | 177.7393 | .0108556 | .0000681 | .0076142 | .0487884 |
| Stddev | .000011  | .000019  | 1.4995   | .0000425 | .0000955 | .0003789 | .0025001 |
| %RSD   | 6.053356 | 1115.281 | .8436582 | .3914182 | 140.2720 | 4.975800 | 5.124415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000168 | -.000005 | 176.4440 | .0108255 | .0001325 | .0072902 | .0516293 |
| #2 | -.000187 | .000019  | 179.3820 | .0108371 | -.000042 | .0075217 | .0469235 |
| #3 | -.000170 | -.000019 | 177.3919 | .0109042 | .000113  | .0080308 | .0478124 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1038374 | 3.610696 | .0037306 | .0002234 | 325.1705 | .0029555 | .0509546 |
| Stddev | .0011979 | .033103  | .0003629 | .0000645 | 1.9830   | .0016518 | .0006661 |
| %RSD   | 1.153601 | .9168128 | 9.726748 | 28.85704 | .6098376 | 55.88804 | 1.307173 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1024967 | 3.580298 | .0033858 | .0001517 | 324.0990 | .0033316 | .0512401 |
| #2 | .1048022 | 3.645965 | .0041092 | .0002765 | 323.9537 | .0043869 | .0501934 |
| #3 | .1042134 | 3.605825 | .0036967 | .0002420 | 327.4588 | .0011481 | .0514303 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.831543 | .0366544 | .0030455 | -.001801 | -.002404 | 6.049222 | .0402813 |
| Stddev | .009353  | .0000372 | .0000661 | .001072  | .000332  | .010193  | .0019764 |
| %RSD   | .1935854 | .1016363 | 2.172189 | 59.53215 | 13.82441 | .1685081 | 4.906569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.820751 | .0366761 | .0030818 | -.001195 | -.002783 | 6.039571 | .0381144 |
| #2 | 4.837293 | .0366758 | .0029691 | -.001170 | -.002269 | 6.059883 | .0419851 |
| #3 | 4.836585 | .0366114 | .0030855 | -.003039 | -.002161 | 6.048210 | .0407443 |

Sample Name: P5025-02      Acquired: 12/3/2024 18:52:13      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.772908 | -.024115 | .9316205 |
| Stddev | .014988  | .000765  | .0065981 |
| %RSD   | .3140304 | 3.172358 | .7082404 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.756183 | -.023659 | .9264324 |
| #2 | 4.785125 | -.024998 | .9390465 |
| #3 | 4.777416 | -.023687 | .9293825 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2134.436 | 52259.19 | 12917.03 | 1472.468 | 3501.652 |
| Stddev    | 4.061    | 64.46    | 39.39    | 13.322   | 4.671    |
| %RSD      | .1902615 | .1233468 | .3049176 | .9047230 | .1333864 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2134.174 | 52218.68 | 12937.20 | 1460.902 | 3504.408 |
| #2 | 2138.621 | 52333.52 | 12871.65 | 1487.034 | 3504.290 |
| #3 | 2130.512 | 52225.37 | 12942.25 | 1469.468 | 3496.260 |

Sample Name: P5025-06      Acquired: 12/3/2024 18:57:16      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009115 | -.010355 | .0071394 | .0062155 | .0009102 | .1436244 | .1506854 |
| Stddev | .000133  | .002096  | .0009783 | .0016037 | .0012716 | .0069698 | .0006205 |
| %RSD   | 1.462121 | 20.24526 | 13.70344 | 25.80094 | 139.7004 | 4.852823 | .4117534 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009186 | -.008232 | .0072187 | .0054107 | .0022427 | .1431781 | .1499711 |
| #2 | -.008961 | -.012423 | .0061238 | .0051736 | .0007783 | .1508067 | .1510913 |
| #3 | -.009198 | -.010409 | .0080756 | .0080622 | -.000290 | .1368885 | .1509936 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000123 | .0009089 | 151.3512 | .0056528 | .0011532 | .0345132 | .1094296 |
| Stddev | .000046  | .0000140 | .2138    | .0001464 | .0000270 | .0002778 | .0053093 |
| %RSD   | 37.16807 | 1.534543 | .1412475 | 2.589593 | 2.336894 | .8049716 | 4.851826 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000113 | .0009090 | 151.1091 | .0054844 | .0011257 | .0347215 | .1073583 |
| #2 | -.000173 | .0009228 | 151.4303 | .0057245 | .0011544 | .0346204 | .1154624 |
| #3 | -.000083 | .0008949 | 151.5141 | .0057495 | .0011795 | .0341978 | .1054681 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1944216 | 2.808198 | .0070602 | .0001618 | 370.2637 | .0013139 | .4861046 |
| Stddev | .0004111 | .014786  | .0002441 | .0000912 | 2.1408   | .0014417 | .0033027 |
| %RSD   | .2114265 | .5265262 | 3.457641 | 56.37292 | .5781826 | 109.7292 | .6794248 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1942157 | 2.794924 | .0070498 | .0000758 | 370.5600 | .0024116 | .4824042 |
| #2 | .1941542 | 2.805535 | .0073093 | .0002575 | 372.2410 | -.000319 | .4887537 |
| #3 | .1948949 | 2.824134 | .0068214 | .0001522 | 367.9903 | .001849  | .4871558 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.810637 | .0297613 | .0018863 | -.002544 | -.002857 | 5.473564 | .0153153 |
| Stddev | .034606  | .0004331 | .0002528 | .000033  | .000145  | .032118  | .0026285 |
| %RSD   | 1.231260 | 1.455336 | 13.40492 | 1.280518 | 5.087909 | .5867808 | 17.16269 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.772792 | .0296938 | .0020317 | -.002579 | -.002948 | 5.438773 | .0129665 |
| #2 | 2.818451 | .0302242 | .0020329 | -.002536 | -.002690 | 5.502084 | .0181545 |
| #3 | 2.840668 | .0293658 | .0015943 | -.002515 | -.002934 | 5.479833 | .0148249 |

Sample Name: P5025-06      Acquired: 12/3/2024 18:57:16      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.035590 | -.021154 | .7306287 |
| Stddev | .008442  | .000720  | .0042586 |
| %RSD   | .2781081 | 3.404552 | .5828629 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.041822 | -.020349 | .7259119 |
| #2 | 3.025983 | -.021736 | .7317834 |
| #3 | 3.038966 | -.021378 | .7341908 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2172.655 | 52527.66 | 12824.88 | 1502.932 | 3523.532 |
| Stddev    | 7.652    | 203.35   | 13.97    | 11.939   | 6.047    |
| %RSD      | .3522034 | .3871269 | .1089643 | .7943571 | .1716131 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2179.678 | 52726.77 | 12840.01 | 1516.160 | 3526.786 |
| #2 | 2164.499 | 52320.32 | 12822.16 | 1492.958 | 3516.555 |
| #3 | 2173.787 | 52535.89 | 12812.47 | 1499.676 | 3527.256 |

Sample Name: P5026-02      Acquired: 12/3/2024 19:01:40      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.008013 | -.011624 | .0101424 | .0052102 | .0013651 | .2307696 | .1215667 |
| Stddev | .000623  | .000849  | .0003266 | .0008421 | .0013514 | .0012734 | .0008089 |
| %RSD   | 7.772599 | 7.305913 | 3.220379 | 16.16356 | 98.99753 | .5517915 | .6654001 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008301 | -.011073 | .0103322 | .0045236 | .0003084 | .2319938 | .1209644 |
| #2 | -.007299 | -.011198 | .0103298 | .0049571 | .0008990 | .2308626 | .1212496 |
| #3 | -.008440 | -.012602 | .0097653 | .0061499 | .0028878 | .2294522 | .1224861 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000067 | .0002878 | 87.75133 | .0041023 | .0031830 | .1961011 | .0937987 |
| Stddev | .000045  | .0000633 | .33786   | .0003516 | .0001588 | .0004820 | .0023354 |
| %RSD   | 67.34333 | 22.00444 | .3850146 | 8.570778 | 4.989062 | .2457735 | 2.489753 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | .0002170 | 87.36203 | .0036968 | .0032942 | .1960527 | .0931863 |
| #2 | -.000104 | .0003072 | 87.92421 | .0042866 | .0032537 | .1966054 | .0918306 |
| #3 | -.000080 | .0003391 | 87.96778 | .0043234 | .0030011 | .1956451 | .0963793 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2490696 | 4.060142 | .0102368 | .0002951 | 324.4500 | .0011400 | .3053740 |
| Stddev | .0015929 | .003394  | .0001145 | .0001956 | 1.2130   | .0001634 | .0015121 |
| %RSD   | .6395538 | .0835876 | 1.118750 | 66.28392 | .3738638 | 14.32880 | .4951777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2472360 | 4.059897 | .0103418 | .0002784 | 323.2883 | .0010398 | .3038844 |
| #2 | .2498604 | 4.056877 | .0102538 | .0004985 | 325.7085 | .0010517 | .3069077 |
| #3 | .2501124 | 4.063651 | .0101147 | .0001084 | 324.3530 | .0013285 | .3053299 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.972944 | .0358167 | .0031783 | -.000866 | -.000750 | 6.437444 | .0132358 |
| Stddev | .046889  | .0010658 | .0002713 | .001115  | .000404  | .041733  | .0024046 |
| %RSD   | 1.577176 | 2.975620 | 8.534605 | 128.7863 | 53.87543 | .6482897 | 18.16748 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.920152 | .0359733 | .0034891 | -.001702 | -.001209 | 6.397021 | .0149591 |
| #2 | 3.009748 | .0346814 | .0029890 | .000400  | -.000595 | 6.434937 | .0104887 |
| #3 | 2.988931 | .0367956 | .0030568 | -.001295 | -.000447 | 6.480374 | .0142595 |

Sample Name: P5026-02      Acquired: 12/3/2024 19:01:40      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.753988 | -.009216 | .3976683 |
| Stddev | .010485  | .000320  | .0023203 |
| %RSD   | .3807291 | 3.477336 | .5834661 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.766066 | -.009320 | .3953205 |
| #2 | 2.747221 | -.008857 | .3977243 |
| #3 | 2.748677 | -.009472 | .3999600 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2235.369 | 54317.15 | 13076.56 | 1572.657 | 3641.642 |
| Stddev    | 8.887    | 113.24   | 12.44    | 10.282   | 10.209   |
| %RSD      | .3975774 | .2084767 | .0951636 | .6537707 | .2803528 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2235.938 | 54420.65 | 13086.05 | 1583.832 | 3640.685 |
| #2 | 2226.210 | 54334.58 | 13062.47 | 1563.599 | 3631.944 |
| #3 | 2243.957 | 54196.20 | 13081.17 | 1570.540 | 3652.296 |

Sample Name: P5026-06      Acquired: 12/3/2024 19:06:03      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009037 | -.012559 | .0011714 | .0072036 | .0003877 | .1643723 | .1348605 |
| Stddev | .001539  | .000906  | .0007285 | .0010367 | .0003126 | .0048659 | .0008115 |
| %RSD   | 17.03215 | 7.213187 | 62.19489 | 14.39146 | 80.63691 | 2.960303 | .6017302 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007355 | -.011766 | .0011572 | .0081956 | .0007316 | .1646438 | .1354701 |
| #2 | -.009382 | -.012365 | .0004500 | .0061273 | .0001207 | .1690967 | .1339394 |
| #3 | -.010375 | -.013546 | .0019069 | .0072879 | .0003108 | .1593763 | .1351721 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000032 | -.000075 | 9.625311 | .0135929 | .0026662 | .0116947 | 2.191975 |
| Stddev | .000018  | .000046  | .067611  | .0001823 | .0001620 | .0003003 | .004556  |
| %RSD   | 57.93849 | 61.04156 | .7024297 | 1.340766 | 6.076523 | 2.567682 | .2078266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000028 | -.000127 | 9.591087 | .0133955 | .0025066 | .0113622 | 2.187139 |
| #2 | -.000015 | -.000045 | 9.581656 | .0136285 | .0028305 | .0119461 | 2.196185 |
| #3 | -.000051 | -.000051 | 9.703192 | .0137547 | .0026617 | .0117758 | 2.192601 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0936061 | 3.713945 | .0065931 | .0002523 | 338.8912 | -.000055 | .0833692 |
| Stddev | .0007784 | .032951  | .0002783 | .0000767 | 2.9705   | .000516  | .0004736 |
| %RSD   | .8316129 | .8872147 | 4.221030 | 30.39521 | .8765344 | 933.9037 | .5680642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0930222 | 3.676133 | .0064713 | .0001923 | 335.4967 | -.000405 | .0836917 |
| #2 | .0933062 | 3.729188 | .0069115 | .0002258 | 340.1625 | .000537  | .0828255 |
| #3 | .0944899 | 3.736514 | .0063964 | .0003387 | 341.0146 | -.000298 | .0835904 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.073782 | .0214724 | .0014208 | .0013710 | .0004351 | .7262357 | .0042050 |
| Stddev | .010366  | .0007885 | .0001077 | .0006544 | .0002907 | .0074492 | .0002437 |
| %RSD   | .9653754 | 3.672101 | 7.580661 | 47.73159 | 66.80806 | 1.025726 | 5.796079 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.084461 | .0222039 | .0014796 | .0020851 | .0001037 | .7176351 | .0041985 |
| #2 | 1.073126 | .0206372 | .0014863 | .0012276 | .0006471 | .7304250 | .0044519 |
| #3 | 1.063760 | .0215762 | .0012965 | .0008001 | .0005545 | .7306470 | .0039646 |

Sample Name: P5026-06      Acquired: 12/3/2024 19:06:03      Type: Unk  
 Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4661497 | -.001291 | .0294901 |
| Stddev | .0017718 | .000097  | .0000498 |
| %RSD   | .3800950 | 7.510862 | .1688830 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4652129 | -.001317 | .0294466 |
| #2 | .4681932 | -.001371 | .0294792 |
| #3 | .4650429 | -.001183 | .0295444 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2302.201 | 55215.80 | 13486.56 | 1561.955 | 3806.331 |
| Stddev    | 6.890    | 36.78    | 34.16    | 4.508    | 5.371    |
| %RSD      | .2992802 | .0666100 | .2533083 | .2886305 | .1411003 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2299.593 | 55212.69 | 13480.57 | 1559.414 | 3804.012 |
| #2 | 2310.015 | 55180.67 | 13523.33 | 1567.160 | 3812.472 |
| #3 | 2296.996 | 55254.03 | 13455.79 | 1559.289 | 3802.510 |

Sample Name: P5048-04      Acquired: 12/3/2024 19:10:31      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007203 | -.008686 | .0191055 | .0036671 | .0001258 | .1197598 | .1868227 |
| Stddev | .001708  | .000254  | .0006158 | .0015645 | .0005923 | .0047937 | .0006350 |
| %RSD   | 23.71064 | 2.929742 | 3.223294 | 42.66177 | 470.7190 | 4.002746 | .3398936 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005256 | -.008647 | .0196922 | .0022730 | .0004881 | .1252949 | .1860941 |
| #2 | -.008447 | -.008957 | .0184642 | .0053591 | -.000558 | .1170357 | .1871157 |
| #3 | -.007906 | -.008453 | .0191602 | .0033693 | .000447  | .1169489 | .1872583 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001031 | .0003353 | 16.84633 | .0057818 | .0071557 | .0094541 | .0637478 |
| Stddev | .0000081 | .0000349 | .08803   | .0001036 | .0001179 | .0003948 | .0034406 |
| %RSD   | 7.860900 | 10.40428 | .5225336 | 1.792528 | 1.646896 | 4.176395 | 5.397225 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000977 | .0003737 | 16.90881 | .0056905 | .0070764 | .0090644 | .0670474 |
| #2 | .0001125 | .0003055 | 16.74566 | .0057605 | .0072911 | .0098539 | .0601817 |
| #3 | .0000993 | .0003266 | 16.88454 | .0058944 | .0070995 | .0094439 | .0640142 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9000109 | 1.692145 | .0084989 | .0006695 | 380.2644 | -.000002 | .1136495 |
| Stddev | .0017624 | .014988  | .0001999 | .0002925 | 2.9408   | .000240  | .0009237 |
| %RSD   | .1958166 | .8857346 | 2.351534 | 43.68510 | .7733575 | 12385.11 | .8128057 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9014302 | 1.694753 | .0084488 | .0009287 | 378.2476 | .000123  | .1136533 |
| #2 | .8980382 | 1.676025 | .0087191 | .0007275 | 378.9068 | .000149  | .1145713 |
| #3 | .9005642 | 1.705659 | .0083289 | .0003524 | 383.6387 | -.000278 | .1127238 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.377028 | .0127235 | .0007053 | .0008571 | .0014023 | 1.196356 | .0163920 |
| Stddev | .019926  | .0002596 | .0001434 | .0006687 | .0002618 | .006173  | .0020557 |
| %RSD   | 1.446996 | 2.040298 | 20.33858 | 78.02075 | 18.66653 | .5160132 | 12.54118 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.354632 | .0126963 | .0005783 | .0016243 | .0011881 | 1.193037 | .0183428 |
| #2 | 1.383661 | .0124785 | .0006767 | .0005493 | .0016941 | 1.203479 | .0165879 |
| #3 | 1.392791 | .0129956 | .0008609 | .0003977 | .0013248 | 1.192552 | .0142454 |

Sample Name: P5048-04      Acquired: 12/3/2024 19:10:31      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.435436 | -.002876 | .0767049 |
| Stddev | .007590  | .000193  | .0002539 |
| %RSD   | .5287479 | 6.702909 | .3309802 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.440765 | -.002912 | .0764449 |
| #2 | 1.438797 | -.003048 | .0769522 |
| #3 | 1.426746 | -.002667 | .0767176 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2246.556 | 54527.54 | 13528.79 | 1546.289 | 3709.658 |
| Stddev    | 8.802    | 151.69   | 39.09    | 6.769    | 6.847    |
| %RSD      | .3917885 | .2781852 | .2889518 | .4377659 | .1845670 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2255.831 | 54702.03 | 13491.93 | 1549.970 | 3716.940 |
| #2 | 2245.517 | 54427.05 | 13569.79 | 1538.477 | 3708.684 |
| #3 | 2238.320 | 54453.55 | 13524.66 | 1550.420 | 3703.350 |

Sample Name: P5048-04DUP      Acquired: 12/3/2024 19:14:59      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007376 | -.009140 | .0188233 | .0040222 | .0005550 | .1298355 | .1894538 |
| Stddev | .002965  | .001679  | .0008913 | .0008749 | .0010748 | .0025738 | .0007055 |
| %RSD   | 40.19921 | 18.36998 | 4.735065 | 21.75313 | 193.6646 | 1.982357 | .3723814 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009905 | -.009493 | .0187648 | .0034364 | .0014905 | .1327327 | .1899411 |
| #2 | -.008109 | -.010614 | .0179628 | .0036022 | .0007935 | .1278131 | .1897754 |
| #3 | -.004113 | -.007312 | .0197425 | .0050279 | -.000619 | .1289607 | .1886448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000372 | .0003314 | 16.72871 | .0056984 | .0070291 | .0100725 | .0610234 |
| Stddev | .0000338 | .0000483 | .06464   | .0001850 | .0000838 | .0002673 | .0053936 |
| %RSD   | 90.61916 | 14.58901 | .3864208 | 3.247113 | 1.192731 | 2.653647 | 8.838598 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000043 | .0002794 | 16.78165 | .0057642 | .0071015 | .0097639 | .0580820 |
| #2 | .0000356 | .0003397 | 16.74780 | .0054895 | .0070486 | .0102254 | .0577400 |
| #3 | .0000718 | .0003750 | 16.65667 | .0058416 | .0069372 | .0102284 | .0672483 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8976305 | 1.679462 | .0086412 | .0006277 | 390.3598 | -.000509 | .1150449 |
| Stddev | .0041225 | .004618  | .0000891 | .0001411 | 5.6376   | .000686  | .0003808 |
| %RSD   | .4592653 | .2749665 | 1.031312 | 22.47363 | 1.444204 | 134.7267 | .3310271 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9015977 | 1.684034 | .0085627 | .0007107 | 384.3107 | -.000121 | .1149200 |
| #2 | .8979253 | 1.679553 | .0086229 | .0004648 | 395.4673 | -.000106 | .1147422 |
| #3 | .8933685 | 1.674800 | .0087381 | .0007076 | 391.3013 | -.001302 | .1154725 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.443259 | .0125753 | .0004785 | .0007582 | .0014385 | 1.224478 | .0184880 |
| Stddev | .021110  | .0002515 | .0001627 | .0005589 | .0005503 | .013203  | .0028511 |
| %RSD   | 1.462641 | 2.000288 | 34.00753 | 73.71518 | 38.25691 | 1.078246 | 15.42124 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.419244 | .0125106 | .0004645 | .0002857 | .0019751 | 1.209343 | .0213085 |
| #2 | 1.451649 | .0123625 | .0006477 | .0006138 | .0014650 | 1.230460 | .0156073 |
| #3 | 1.458883 | .0128529 | .0003232 | .0013753 | .0008754 | 1.233631 | .0185481 |

Sample Name: P5048-04DUP      Acquired: 12/3/2024 19:14:59      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.453638 | -.003580 | .0777114 |
| Stddev | .008147  | .000256  | .0001815 |
| %RSD   | .5604257 | 7.138207 | .2335356 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.444579 | -.003849 | .0778827 |
| #2 | 1.455975 | -.003341 | .0775212 |
| #3 | 1.460361 | -.003551 | .0777304 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2185.861 | 53562.84 | 13486.34 | 1482.847 | 3629.078 |
| Stddev    | 6.105    | 288.24   | 63.69    | 13.505   | 9.702    |
| %RSD      | .2793109 | .5381361 | .4722618 | .9107255 | .2673404 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2185.701 | 53889.66 | 13426.64 | 1496.302 | 3634.517 |
| #2 | 2192.045 | 53344.90 | 13478.99 | 1469.293 | 3634.841 |
| #3 | 2179.837 | 53453.95 | 13553.39 | 1482.944 | 3617.877 |

Sample Name: P5048-04LX5      Acquired: 12/3/2024 19:19:26      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003214 | -.002476 | .0026034 | .0014085 | -.001041 | .0265187 | .0326310 |
| Stddev | .000473  | .000547  | .0006883 | .0011687 | .000149  | .0039568 | .0008117 |
| %RSD   | 14.70731 | 22.08882 | 26.43973 | 82.96984 | 14.32925 | 14.92058 | 2.487473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003355 | -.003107 | .0030391 | .0002180 | -.001192 | .0231298 | .0321985 |
| #2 | -.002687 | -.002154 | .0018099 | .0014536 | -.001036 | .0255595 | .0321272 |
| #3 | -.003600 | -.002166 | .0029613 | .0025540 | -.000894 | .0308669 | .0335674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000239 | .0000106 | 3.567460 | .0011335 | .0015044 | .0020380 | .0145782 |
| Stddev | .0000246 | .0000250 | .022903  | .0001879 | .0000953 | .0001871 | .0011596 |
| %RSD   | 102.8805 | 236.8629 | .6420073 | 16.57436 | 6.335580 | 9.180682 | 7.954527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000139 | .0000380 | 3.580090 | .0013470 | .0016138 | .0022505 | .0134093 |
| #2 | .0000519 | -.000011 | 3.541023 | .0010602 | .0014395 | .0018977 | .0145969 |
| #3 | .0000059 | .000005  | 3.581268 | .0009933 | .0014599 | .0019660 | .0157284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1921823 | .3507015 | .0019563 | .0006776 | 76.37383 | -.000777 | .0235077 |
| Stddev | .0005757 | .0145203 | .0003495 | .0000666 | .43797   | .000677  | .0002718 |
| %RSD   | .2995732 | 4.140350 | 17.86302 | 9.826811 | .5734518 | 87.16114 | 1.155986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1925286 | .3652303 | .0022185 | .0006314 | 76.52930 | -.001538 | .0238113 |
| #2 | .1915177 | .3361898 | .0015596 | .0006474 | 76.71285 | -.000244 | .0234246 |
| #3 | .1925006 | .3506844 | .0020909 | .0007539 | 75.87934 | -.000547 | .0232872 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4321306 | .0029569 | -.000059 | .0108759 | .0007840 | .2383497 | .0037769 |
| Stddev | .0330041 | .0003494 | .000447  | .0001934 | .0000998 | .0020542 | .0010526 |
| %RSD   | 7.637518 | 11.81751 | 752.1215 | 1.778276 | 12.73424 | .8618432 | 27.86966 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3953903 | .0031673 | .000437  | .0109708 | .0007094 | .2402460 | .0047665 |
| #2 | .4417328 | .0031498 | -.000185 | .0110036 | .0007453 | .2386355 | .0038933 |
| #3 | .4592688 | .0025535 | -.000430 | .0106534 | .0008975 | .2361675 | .0026709 |

Sample Name: P5048-04LX5      Acquired: 12/3/2024 19:19:26      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2852744 | .0030600 | .0161119 |
| Stddev | .0045309 | .0003763 | .0000771 |
| %RSD   | 1.588269 | 12.29663 | .4782920 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2865880 | .0026268 | .0160722 |
| #2 | .2802318 | .0033052 | .0162008 |
| #3 | .2890034 | .0032480 | .0160629 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2314.891 | 56433.95 | 13302.95 | 1592.399 | 3950.014 |
| Stddev    | 1.635    | 39.42    | 14.30    | 4.672    | 1.933    |
| %RSD      | .0706182 | .0698500 | .1074762 | .2934137 | .0489259 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2315.864 | 56390.04 | 13287.88 | 1587.423 | 3947.786 |
| #2 | 2315.804 | 56445.54 | 13304.66 | 1593.083 | 3951.226 |
| #3 | 2313.003 | 56466.28 | 13316.32 | 1596.692 | 3951.031 |

Sample Name: P5048-04MS      Acquired: 12/3/2024 19:23:44      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8229627 | 1.768077 | .8749114 | 2.036781 | .8498364 | 2.035064 | .3655365 |
| Stddev | .0019961 | .015861  | .0014528 | .005847  | .0003070 | .005223  | .0012625 |
| %RSD   | .2425563 | .8971026 | .1660483 | .2870740 | .0361206 | .2566484 | .3453816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8215763 | 1.756975 | .8737304 | 2.032221 | .8497008 | 2.029207 | .3646294 |
| #2 | .8220611 | 1.786243 | .8744701 | 2.043373 | .8501878 | 2.036746 | .3669784 |
| #3 | .8252505 | 1.761014 | .8765337 | 2.034749 | .8496206 | 2.039238 | .3650018 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1707403 | .1832468 | 16.70921 | .3828969 | .1915950 | .2925840 | 2.971422 |
| Stddev | .0004822 | .0002598 | .03243   | .0018237 | .0002650 | .0001165 | .011530  |
| %RSD   | .2824022 | .1417682 | .1940568 | .4762978 | .1383217 | .0398225 | .3880277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1712559 | .1833269 | 16.69531 | .3844952 | .1913178 | .2925108 | 2.973352 |
| #2 | .1706645 | .1829564 | 16.74627 | .3809103 | .1916213 | .2927184 | 2.959049 |
| #3 | .1703005 | .1834572 | 16.68606 | .3832852 | .1918459 | .2925229 | 2.981865 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.010498 | 3.284092 | .4628120 | .0745055 | 361.1306 | .2836655 | .3129321 |
| Stddev | .002000  | .008591  | .0004192 | .0001548 | 2.8220   | .0012984 | .0019671 |
| %RSD   | .1979481 | .2615852 | .0905784 | .2077229 | .7814468 | .4577029 | .6285926 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.011593 | 3.292663 | .4632856 | .0746784 | 359.3138 | .2821918 | .3125764 |
| #2 | 1.011711 | 3.284133 | .4626617 | .0743798 | 364.3817 | .2841637 | .3111671 |
| #3 | 1.008189 | 3.275482 | .4624886 | .0744583 | 359.6963 | .2846409 | .3150527 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.21726 | .2473960 | .4298828 | .6632257 | .1924125 | 1.945180 | 5.847143 |
| Stddev | .02996   | .0012634 | .0012150 | .0008061 | .0005381 | .016405  | .017589  |
| %RSD   | .2452536 | .5106812 | .2826295 | .1215454 | .2796828 | .8433820 | .3008105 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.19224 | .2487744 | .4289567 | .6624282 | .1918040 | 1.944645 | 5.828093 |
| #2 | 12.20906 | .2462929 | .4294331 | .6632087 | .1928259 | 1.929048 | 5.862766 |
| #3 | 12.25046 | .2471208 | .4312585 | .6640402 | .1926074 | 1.961846 | 5.850569 |

Sample Name: P5048-04MS      Acquired: 12/3/2024 19:23:44      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4305245 | .1999776 | .2801249 |
| Stddev | .0039116 | .0013956 | .0018759 |
| %RSD   | .9085572 | .6978707 | .6696638 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4284456 | .1983661 | .2781875 |
| #2 | .4350365 | .2007780 | .2802548 |
| #3 | .4280913 | .2007886 | .2819325 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2174.110 | 53771.14 | 13362.72 | 1492.148 | 3601.852 |
| Stddev    | 3.248    | 40.58    | 23.27    | 7.455    | 8.081    |
| %RSD      | .1493968 | .0754619 | .1741048 | .4996095 | .2243636 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2170.800 | 53817.75 | 13384.64 | 1499.200 | 3593.524 |
| #2 | 2174.237 | 53751.96 | 13338.31 | 1492.896 | 3602.371 |
| #3 | 2177.292 | 53743.71 | 13365.19 | 1484.347 | 3609.662 |

Sample Name: P5048-04MSD      Acquired: 12/3/2024 19:27:53      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8223514 | 1.754593 | .8648589 | 2.040225 | .8493752 | 2.012528 | .3619566 |
| Stddev | .0044660 | .021812  | .0014307 | .003307  | .0024310 | .019017  | .0045253 |
| %RSD   | .5430794 | 1.243152 | .1654253 | .1620715 | .2862099 | .9449153 | 1.250244 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8172740 | 1.729922 | .8639930 | 2.036496 | .8474278 | 1.992830 | .3567715 |
| #2 | .8241088 | 1.762534 | .8640735 | 2.042802 | .8485980 | 2.013972 | .3639886 |
| #3 | .8256713 | 1.771322 | .8665103 | 2.041376 | .8520998 | 2.030781 | .3651098 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1678371 | .1809735 | 16.42120 | .3785218 | .1893150 | .2916367 | 2.942654 |
| Stddev | .0009397 | .0001159 | .06747   | .0013656 | .0001416 | .0006089 | .015833  |
| %RSD   | .5598705 | .0640463 | .4108490 | .3607832 | .0748041 | .2088000 | .5380541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1672296 | .1808725 | 16.34476 | .3800889 | .1891645 | .2910619 | 2.941020 |
| #2 | .1673622 | .1809479 | 16.47245 | .3775862 | .1893348 | .2915733 | 2.959241 |
| #3 | .1689194 | .1811001 | 16.44638 | .3778904 | .1894456 | .2922748 | 2.927701 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9950018 | 3.236697 | .4587300 | .0732329 | 361.8194 | .2809333 | .3094135 |
| Stddev | .0079662 | .016759  | .0000968 | .0001792 | 1.6955   | .0009392 | .0008836 |
| %RSD   | .8006248 | .5177846 | .0211136 | .2447256 | .4685917 | .3343055 | .2855597 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9859178 | 3.221909 | .4586729 | .0730487 | 363.4787 | .2799200 | .3090854 |
| #2 | .9982903 | 3.254901 | .4586752 | .0734067 | 360.0900 | .2811052 | .3104142 |
| #3 | 1.000797 | 3.233280 | .4588418 | .0732431 | 361.8895 | .2817746 | .3087409 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.15067 | .2439003 | .4287106 | .6564317 | .1905683 | 1.936704 | 5.814374 |
| Stddev | .06314   | .0015165 | .0005686 | .0014496 | .0015775 | .010909  | .040552  |
| %RSD   | .5196322 | .6217629 | .1326226 | .2208327 | .8277606 | .5632948 | .6974508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.08913 | .2428582 | .4283608 | .6550970 | .1887498 | 1.940202 | 5.769283 |
| #2 | 12.21529 | .2432027 | .4284044 | .6562242 | .1915679 | 1.945434 | 5.825986 |
| #3 | 12.14759 | .2456401 | .4293667 | .6579738 | .1913872 | 1.924474 | 5.847855 |

Sample Name: P5048-04MSD      Acquired: 12/3/2024 19:27:53      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4250814 | .1981006 | .2780904 |
| Stddev | .0018663 | .0033255 | .0017594 |
| %RSD   | .4390450 | 1.678672 | .6326765 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4245217 | .1942904 | .2761377 |
| #2 | .4271635 | .1995924 | .2785815 |
| #3 | .4235589 | .2004189 | .2795522 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2178.868 | 54139.11 | 13514.95 | 1506.250 | 3623.240 |
| Stddev    | 3.552    | 180.41   | 60.99    | 7.082    | 7.218    |
| %RSD      | .1630309 | .3332361 | .4512534 | .4701859 | .1992176 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2178.867 | 54058.93 | 13581.22 | 1504.090 | 3618.776 |
| #2 | 2182.421 | 54012.69 | 13502.47 | 1500.499 | 3631.567 |
| #3 | 2175.316 | 54345.71 | 13461.17 | 1514.161 | 3619.376 |

Sample Name: P5048-04A      Acquired: 12/3/2024 19:32:03      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8164610 | 1.754287 | .8727962 | 2.030408 | .8466831 | 2.038970 | .3698860 |
| Stddev | .0015277 | .009828  | .0062742 | .008633  | .0010301 | .005412  | .0027980 |
| %RSD   | .1871129 | .5602439 | .7188617 | .4251764 | .1216567 | .2654085 | .7564560 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8179819 | 1.765037 | .8661619 | 2.024907 | .8478316 | 2.036079 | .3667961 |
| #2 | .8164747 | 1.745761 | .8735925 | 2.025959 | .8463766 | 2.035618 | .3706135 |
| #3 | .8149265 | 1.752062 | .8786343 | 2.040358 | .8458411 | 2.045213 | .3722484 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1714825 | .1825067 | 16.66253 | .3811082 | .1906325 | .2911800 | 2.954100 |
| Stddev | .0014580 | .0007478 | .09375   | .0011176 | .0007936 | .0008692 | .001850  |
| %RSD   | .8502065 | .4097645 | .5626433 | .2932594 | .4162818 | .2985175 | .0626378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1699764 | .1817777 | 16.55464 | .3821912 | .1902310 | .2920069 | 2.955197 |
| #2 | .1715839 | .1824705 | 16.70877 | .3811746 | .1901199 | .2902739 | 2.951964 |
| #3 | .1728871 | .1832721 | 16.72418 | .3799589 | .1915466 | .2912592 | 2.955140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.014059 | 3.250492 | .4612170 | .0742281 | 363.1705 | .2842685 | .3133788 |
| Stddev | .007101  | .029305  | .0014283 | .0001174 | 4.5157   | .0021535 | .0014777 |
| %RSD   | .7002270 | .9015524 | .3096903 | .1582106 | 1.243415 | .7575738 | .4715423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.005869 | 3.221888 | .4601852 | .0743111 | 362.8528 | .2817840 | .3132567 |
| #2 | 1.017815 | 3.249137 | .4606185 | .0740938 | 358.8221 | .2856014 | .3149138 |
| #3 | 1.018493 | 3.280451 | .4628472 | .0742795 | 367.8367 | .2854200 | .3119660 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.24222 | .2489250 | .4288856 | .6638161 | .1929940 | 1.927292 | 5.832374 |
| Stddev | .07637   | .0027739 | .0009010 | .0039316 | .0005844 | .009650  | .011623  |
| %RSD   | .6238185 | 1.114354 | .2100864 | .5922724 | .3027909 | .5007058 | .1992856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.32403 | .2459577 | .4294019 | .6608189 | .1928845 | 1.938423 | 5.831118 |
| #2 | 12.22981 | .2493643 | .4278452 | .6623617 | .1924722 | 1.921265 | 5.821429 |
| #3 | 12.17282 | .2514532 | .4294097 | .6682677 | .1936254 | 1.922190 | 5.844573 |

Sample Name: P5048-04A      Acquired: 12/3/2024 19:32:03      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4275080 | .2030864 | .2795187 |
| Stddev | .0041462 | .0011913 | .0013959 |
| %RSD   | .9698462 | .5866016 | .4993793 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4319107 | .2022365 | .2779943 |
| #2 | .4236778 | .2025748 | .2798275 |
| #3 | .4269355 | .2044481 | .2807343 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2185.124 | 54014.97 | 13297.29 | 1508.096 | 3616.687 |
| Stddev    | 4.269    | 275.41   | 45.43    | 13.319   | 1.888    |
| %RSD      | .1953674 | .5098685 | .3416745 | .8831794 | .0522041 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2180.204 | 53713.84 | 13346.72 | 1494.227 | 3618.522 |
| #2 | 2187.859 | 54077.01 | 13287.79 | 1509.272 | 3616.788 |
| #3 | 2187.308 | 54254.07 | 13257.35 | 1520.788 | 3614.750 |

Sample Name: CCV03      Acquired: 12/3/2024 19:48:43      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.874762 | 4.841482 | 4.596913 | 4.889924 | 4.970645 | 9.468901 | 10.64966 |
| Stddev | .018732  | .040417  | .006421  | .016150  | .022197  | .005305  | .09530   |
| %RSD   | .3842658 | .8348073 | .1396909 | .3302806 | .4465695 | .0560301 | .8948320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.853134 | 4.879248 | 4.602574 | 4.871933 | 4.945199 | 9.467802 | 10.72287 |
| #2 | 4.885350 | 4.798854 | 4.589935 | 4.894666 | 4.986032 | 9.474670 | 10.68420 |
| #3 | 4.885803 | 4.846347 | 4.598229 | 4.903173 | 4.980704 | 9.464231 | 10.54191 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2394143 | 2.286532 | 22.56876 | .9425279 | 2.289906 | 1.197287 | 4.578673 |
| Stddev | .0017508 | .004273  | .06307   | .0020128 | .002460  | .003519  | .019495  |
| %RSD   | .7312984 | .1868636 | .2794766 | .2135516 | .1074472 | .2939050 | .4257829 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2411350 | 2.290881 | 22.57614 | .9435798 | 2.292379 | 1.193476 | 4.576188 |
| #2 | .2394730 | 2.282339 | 22.62782 | .9437968 | 2.287459 | 1.197971 | 4.599291 |
| #3 | .2376349 | 2.286377 | 22.50233 | .9402072 | 2.289881 | 1.200413 | 4.560539 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.530715 | 22.73183 | 2.285696 | 1.181614 | 25.42929 | 2.314933 | 2.383411 |
| Stddev | .010736  | .04538   | .001920  | .002137  | .05647   | .007343  | .006667  |
| %RSD   | .4242284 | .1996378 | .0839836 | .1808409 | .2220863 | .3172111 | .2797232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.537308 | 22.70696 | 2.287901 | 1.183209 | 25.36408 | 2.317043 | 2.384022 |
| #2 | 2.536509 | 22.78421 | 2.284395 | 1.182445 | 25.46227 | 2.320990 | 2.389751 |
| #3 | 2.518326 | 22.70432 | 2.284793 | 1.179186 | 25.46152 | 2.306765 | 2.376459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.65972 | 4.515492 | 4.872602 | 4.626132 | 4.515219 | 4.821404 | 4.760004 |
| Stddev | .06806   | .029597  | .010462  | .014676  | .009335  | .043796  | .006133  |
| %RSD   | .2876501 | .6554468 | .2147071 | .3172479 | .2067436 | .9083616 | .1288458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.60105 | 4.548579 | 4.860641 | 4.640141 | 4.518995 | 4.770954 | 4.764572 |
| #2 | 23.64378 | 4.506357 | 4.877121 | 4.610869 | 4.522074 | 4.843611 | 4.753034 |
| #3 | 23.73434 | 4.491540 | 4.880045 | 4.627388 | 4.504588 | 4.849648 | 4.762408 |

Sample Name: CCV03      Acquired: 12/3/2024 19:48:43      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.539200 | 4.614735 | 4.968027 |
| Stddev | .012091  | .008044  | .039568  |
| %RSD   | .2663605 | .1743144 | .7964537 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.551538 | 4.622052 | 4.954672 |
| #2 | 4.527372 | 4.606121 | 4.936864 |
| #3 | 4.538691 | 4.616032 | 5.012544 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2481.130 | 59993.95 | 13859.53 | 1717.263 | 4076.093 |
| Stddev    | 16.287   | 69.41    | 83.74    | 3.827    | 19.363   |
| %RSD      | .6564244 | .1156916 | .6042217 | .2228522 | .4750397 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2499.720 | 59960.07 | 13765.86 | 1716.840 | 4098.074 |
| #2 | 2469.374 | 59947.98 | 13885.60 | 1713.665 | 4061.559 |
| #3 | 2474.295 | 60073.79 | 13927.14 | 1721.284 | 4068.646 |

Sample Name: CCB03      Acquired: 12/3/2024 19:56:06      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000080 | -.001444 | -.000505 | .0003283 | .0002161 | -.003825 | -.006719 |
| Stddev | .001995  | .000504  | .000628  | .0014863 | .0004169 | .002153  | .000393  |
| %RSD   | 2499.219 | 34.91881 | 124.4569 | 452.7168 | 192.8882 | 56.30048 | 5.853578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001867  | -.001183 | -.000807 | .0014524 | -.000178 | -.005925 | -.007058 |
| #2 | -.002120 | -.002025 | -.000925 | -.001357 | .000653  | -.003926 | -.006811 |
| #3 | .000013  | -.001124 | .000217  | .000889  | .000173  | -.001622 | -.006288 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000297 | -.000039 | -.011312 | .0002837 | .0000202 | -.000073 | -.004183 |
| Stddev | .0000191 | .000046  | .003843  | .0000288 | .0001152 | .000118  | .004474  |
| %RSD   | 64.37618 | 118.7948 | 33.97560 | 10.14741 | 569.6883 | 160.9781 | 106.9600 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000150 | -.000037 | -.014952 | .0002767 | .0000146 | .000011  | -.000551 |
| #2 | .0000514 | .000007  | -.011690 | .0003153 | .0001382 | -.000023 | -.009181 |
| #3 | .0000228 | -.000085 | -.007294 | .0002590 | -.000092 | -.000208 | -.002817 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000136 | -.002816 | -.000023 | .0006527 | -.172699 | -.000236 | -.000617 |
| Stddev | .000194  | .004555  | .000092  | .0002229 | .014571  | .000564  | .000187  |
| %RSD   | 142.7320 | 161.7233 | 402.8826 | 34.14900 | 8.436985 | 238.8575 | 30.21245 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000328 | -.006182 | -.000042 | .0006077 | -.189409 | -.000858 | -.000600 |
| #2 | .000060  | -.004633 | .000077  | .0008946 | -.166041 | -.000092 | -.000440 |
| #3 | -.000140 | .002366  | -.000104 | .0004557 | -.162647 | .000242  | -.000812 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0305752 | .0072373 | .0003785 | -.000074 | .0006833 | .0022795 | .0012613 |
| Stddev | .0188551 | .0004012 | .0000344 | .000176  | .0001600 | .0013163 | .0007014 |
| %RSD   | 61.66807 | 5.543942 | 9.075573 | 238.8302 | 23.42201 | 57.74276 | 55.60784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0184584 | .0075017 | .0003396 | -.000240 | .0005921 | .0013347 | .0014753 |
| #2 | .0522990 | .0074346 | .0004047 | -.000092 | .0008681 | .0037830 | .0018308 |
| #3 | .0209683 | .0067757 | .0003911 | .000111  | .0005897 | .0017209 | .0004778 |

Sample Name: CCB03      Acquired: 12/3/2024 19:56:06      Type: Unk  
 Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.007293 | .0009415 | .0000197 |
| Stddev | .004047  | .0007260 | .0000193 |
| %RSD   | 55.49614 | 77.11600 | 97.72256 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.009699 | .0013404 | .0000414 |
| #2 | -.002620 | .0013806 | .0000045 |
| #3 | -.009560 | .0001034 | .0000133 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2629.201 | 62247.03 | 13573.18 | 1800.850 | 4670.881 |
| Stddev    | 6.462    | 173.84   | 45.58    | 3.508    | 10.987   |
| %RSD      | .2457914 | .2792798 | .3357733 | .1948140 | .2352278 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2622.679 | 62153.85 | 13521.50 | 1798.496 | 4661.611 |
| #2 | 2635.602 | 62139.64 | 13607.60 | 1799.172 | 4683.017 |
| #3 | 2629.322 | 62447.60 | 13590.46 | 1804.882 | 4668.016 |

Sample Name: PB165297TB      Acquired: 12/3/2024 20:00:24      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F -.011021 | -.009800 | -.001830 | .0056019 | .0008349 | .0053162 |
| Stddev | .004473    | .001844  | .000621  | .0021259 | .0016113 | .0019791 |
| %RSD   | 40.58785   | 18.81147 | 33.96801 | 37.95066 | 193.0072 | 37.22709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.009991 | -.011908 | -.001367 | .0039892 | .0000648 | .0035763 |
| #2 | -.007152 | -.008485 | -.002536 | .0048053 | -.000247 | .0074692 |
| #3 | -.015919 | -.009009 | -.001585 | .0080111 | .002687  | .0049030 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007869 | -.000208 | -.000240 | .0106882 | .0023536 | -.000105 |
| Stddev | .000245  | .000023  | .000040  | .0020077 | .0003303 | .000060  |
| %RSD   | 3.108017 | 11.26572 | 16.67987 | 18.78465 | 14.03324 | 56.88131 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007587 | -.000181 | -.000277 | .0127199 | .0026565 | -.000165 |
| #2 | -.007992 | -.000225 | -.000197 | .0087053 | .0020015 | -.000045 |
| #3 | -.008028 | -.000217 | -.000245 | .0106395 | .0024030 | -.000107 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000573 | .0146460 | .0049872 | -.004370 | .0010540 | .0005209 |
| Stddev | .0002234 | .0041168 | .0001289 | .008995  | .0000589 | .0002539 |
| %RSD   | 389.7599 | 28.10861 | 2.584480 | 205.8628 | 5.591800 | 48.74368 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0003105 | .0106936 | .0048398 | .004568  | .0010034 | .0002708 |
| #2 | -.000112 | .0189095 | .0050791 | -.013421 | .0011187 | .0005135 |
| #3 | -.000027 | .0143348 | .0050426 | -.004256 | .0010400 | .0007785 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 302.8900 | -.000413 | .0019248 | .0186760 | .0033564 | .0005855 |
| Stddev | 1.3457     | .000254  | .0003859 | .0329884 | .0005777 | .0000535 |
| %RSD   | .4442776   | 61.44451 | 20.04727 | 176.6346 | 17.21284 | 9.142047 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 301.4808 | -.000193 | .0016788 | .0342252 | .0039912 | .0005601 |
| #2 | 303.0275 | -.000356 | .0017261 | .0410162 | .0028615 | .0006470 |
| #3 | 304.1616 | -.000691 | .0023695 | -.019213 | .0032165 | .0005494 |

Sample Name: PB165297TB      Acquired: 12/3/2024 20:00:24      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0010712 | .0009008 | .0124146 | .0059794 | F .0202449 | -.001502 |
| Stddev | .0002492 | .0002633 | .0019011 | .0018252 | .0030544   | .000202  |
| %RSD   | 23.26297 | 29.23352 | 15.31346 | 30.52415 | 15.08739   | 13.45862 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009455 | .0007696 | .0128382 | .0062004 | .0189684 | -.001468 |
| #2 | .0009099 | .0007288 | .0103374 | .0040538 | .0180358 | -.001319 |
| #3 | .0013582 | .0012039 | .0140681 | .0076839 | .0237305 | -.001719 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000010 |
| Stddev | .000016  |
| %RSD   | 165.8310 |

|    |          |
|----|----------|
| #1 | -.000001 |
| #2 | -.000029 |
| #3 | .000000  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2296.980 | 55665.91 | 13544.76 | 1584.886 | 3828.223 |
| Stddev    | 13.215   | 86.08    | 34.12    | 5.309    | 11.618   |
| %RSD      | .5753002 | .1546283 | .2518709 | .3349913 | .3034885 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2311.190 | 55763.74 | 13570.79 | 1590.945 | 3841.258 |
| #2 | 2294.691 | 55601.80 | 13506.14 | 1581.051 | 3824.451 |
| #3 | 2285.060 | 55632.20 | 13557.36 | 1582.660 | 3818.959 |

Sample Name: PB165310BL      Acquired: 12/3/2024 20:04:54      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003382 | -.001841 | -.000389 | .0018341 | -.000690 | -.000021 | -.006960 |
| Stddev | .000964  | .000469  | .000367  | .0018031 | .000418  | .002732  | .000393  |
| %RSD   | 28.49766 | 25.47393 | 94.13404 | 98.30695 | 60.53655 | 12733.58 | 5.643986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004494 | -.001743 | -.000146 | -.000081 | -.000917 | .000271  | -.006669 |
| #2 | -.002812 | -.002351 | -.000212 | .002083  | -.000946 | .002552  | -.007407 |
| #3 | -.002839 | -.001428 | -.000811 | .003500  | -.000208 | -.002888 | -.006805 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000439 | -.000010 | .0147276 | .0002662 | .0001234 | -.000254 | .0007031 |
| Stddev | .0000069 | .000018  | .0040799 | .0001646 | .0000135 | .000220  | .0025006 |
| %RSD   | 15.73308 | 181.6149 | 27.70239 | 61.83413 | 10.91140 | 86.59462 | 355.6535 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000467 | .000006  | .0146710 | .0004294 | .0001245 | -.000427 | .0034480 |
| #2 | .0000488 | -.000030 | .0188354 | .0002688 | .0001094 | -.000327 | -.001445 |
| #3 | .0000360 | -.000006 | .0106763 | .0001003 | .0001362 | -.000007 | .000107  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001535 | -.002039 | -.000101 | .0006817 | -.117696 | -.000050 | .0002499 |
| Stddev | .0001955 | .010277  | .000208  | .0002418 | .008862  | .000750  | .0002078 |
| %RSD   | 127.3538 | 503.9920 | 205.2470 | 35.47348 | 7.529939 | 1506.261 | 83.13839 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000068 | -.010404 | .000085  | .0004626 | -.126456 | -.000534 | .0002686 |
| #2 | .000303  | .009433  | -.000326 | .0009412 | -.117898 | -.000429 | .0004477 |
| #3 | .000225  | -.005146 | -.000063 | .0006414 | -.108735 | .000814  | .0000334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0389145 | .0031740 | .0000777 | .0131757 | .0005992 | .0008844 | .0000026 |
| Stddev | .0205684 | .0003643 | .0001028 | .0001869 | .0000437 | .0041886 | .0013876 |
| %RSD   | 52.85550 | 11.47779 | 132.2640 | 1.418681 | 7.288499 | 473.5850 | 53109.32 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0198901 | .0029358 | .0001802 | .0133716 | .0006242 | -.001249 | -.000835 |
| #2 | .0361135 | .0029927 | -.000025 | .0129993 | .0005487 | .005710  | -.000762 |
| #3 | .0607398 | .0035933 | .000078  | .0131563 | .0006246 | -.001808 | .001604  |

Sample Name: PB165310BL      Acquired: 12/3/2024 20:04:54      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.006461 | .0014156 | -.000008 |
| Stddev | .001223  | .0003699 | .000021  |
| %RSD   | 18.92467 | 26.13205 | 270.9231 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.007566 | .0018100 | -.000026 |
| #2 | -.006670 | .0010763 | -.000013 |
| #3 | -.005147 | .0013604 | .000015  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2635.068 | 62555.93 | 13608.61 | 1805.359 | 4662.265 |
| Stddev    | 5.441    | 178.60   | 9.30     | 14.924   | 7.725    |
| %RSD      | .2064716 | .2855042 | .0683331 | .8266504 | .1656884 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2629.024 | 62393.12 | 13604.26 | 1792.325 | 4657.091 |
| #2 | 2636.605 | 62527.71 | 13602.28 | 1802.114 | 4658.559 |
| #3 | 2639.574 | 62746.96 | 13619.29 | 1821.639 | 4671.145 |

Sample Name: PB165310BS      Acquired: 12/3/2024 20:09:14      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7847815 | 2.022643 | .9479980 | 1.962204 | .7904195 | 1.974811 |
| Stddev | .0040186 | .011965  | .0005924 | .008784  | .0005699 | .006191  |
| %RSD   | .5120621 | .5915632 | .0624927 | .4476508 | .0721052 | .3135133 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7841110 | 2.031494 | .9484936 | 1.968384 | .7910482 | 1.974112 |
| #2 | .7890931 | 2.027406 | .9473418 | 1.966080 | .7902733 | 1.981323 |
| #3 | .7811403 | 2.009030 | .9481586 | 1.952149 | .7899368 | 1.968999 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1828956 | .1958449 | .1880561 | 1.026290 | .4020307 | .1907676 |
| Stddev | .0004075 | .0003884 | .0004088 | .005769  | .0009452 | .0005186 |
| %RSD   | .2228131 | .1983303 | .2174030 | .5620828 | .2350999 | .2718532 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1833377 | .1954241 | .1877879 | 1.028132 | .4024068 | .1901691 |
| #2 | .1825349 | .1959208 | .1878537 | 1.030913 | .4009554 | .1910512 |
| #3 | .1828144 | .1961897 | .1885266 | 1.019826 | .4027299 | .1910826 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3053726 | 2.837788 | .1924307 | 1.910632 | .4765485 | .0744148 |
| Stddev | .0002779 | .011056  | .0007181 | .011224  | .0000575 | .0005826 |
| %RSD   | .0910085 | .3896090 | .3731725 | .5874323 | .0120711 | .7828828 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3056118 | 2.829131 | .1918514 | 1.913757 | .4765868 | .0742593 |
| #2 | .3054383 | 2.850243 | .1932341 | 1.919962 | .4765763 | .0739258 |
| #3 | .3050677 | 2.833990 | .1922065 | 1.898177 | .4764824 | .0750594 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.938558 | .2950236 | .2053362 | 9.341280 | .2919533 | .4098045 |
| Stddev | .001600  | .0015647 | .0006942 | .013847  | .0015119 | .0008310 |
| %RSD   | .0544451 | .5303586 | .3380552 | .1482391 | .5178500 | .2027669 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.940375 | .2957655 | .2046756 | 9.345041 | .2905483 | .4107288 |
| #2 | 2.937938 | .2960793 | .2060596 | 9.325940 | .2917585 | .4091194 |
| #3 | 2.937360 | .2932260 | .2052735 | 9.352858 | .2935532 | .4095651 |

Sample Name: PB165310BS      Acquired: 12/3/2024 20:09:14      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6774868 | .1923540 | F .7252924 | 5.525203 | F -.010217 | .2009076 |
| Stddev | .0014838 | .0000876 | .0053627   | .014042  | .001411    | .0005075 |
| %RSD   | .2190217 | .0455193 | .7393809   | .2541368 | 13.80586   | .2526054 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6761755 | .1924535 | .7245671 | 5.518347 | -.011669 | .2013533 |
| #2 | .6790975 | .1922885 | .7203292 | 5.541355 | -.008852 | .2003553 |
| #3 | .6771873 | .1923201 | .7309807 | 5.515906 | -.010131 | .2010143 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2125356 |
| Stddev | .0002565 |
| %RSD   | .1207089 |

|    |          |
|----|----------|
| #1 | .2122954 |
| #2 | .2125056 |
| #3 | .2128058 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2543.221 | 60356.91 | 13205.62 | 1747.556 | 4363.907 |
| Stddev    | 9.672    | 115.68   | 36.62    | 1.880    | 4.922    |
| %RSD      | .3803222 | .1916533 | .2772873 | .1075828 | .1127949 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2533.655 | 60245.61 | 13186.08 | 1746.537 | 4358.520 |
| #2 | 2543.010 | 60348.60 | 13182.91 | 1746.406 | 4365.030 |
| #3 | 2552.997 | 60476.51 | 13247.86 | 1749.726 | 4368.170 |

Sample Name: P5031-01DUP      Acquired: 12/3/2024 20:13:15      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0247781 | .0076898 | .1317599 | -.059948 | .0037224 | 47.19285 |
| Stddev | .0034843 | .0036354 | .0026995 | .002140  | .0007843 | .20192   |
| %RSD   | 14.06195 | 47.27517 | 2.048796 | 3.569912 | 21.07080 | .4278587 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0277662 | .0072703 | .1334579 | -.058575 | .0030267 | 46.96027 |
| #2 | .0209509 | .0115167 | .1286471 | -.058855 | .0035681 | 47.29494 |
| #3 | .0256171 | .0042824 | .1331747 | -.062414 | .0045724 | 47.32334 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3443128 | .0050717 | .0282462 | 64.27357 | .1793709 | .0660765 |
| Stddev | .0015846 | .0000599 | .0005717 | .28791   | .0008315 | .0004944 |
| %RSD   | .4602309 | 1.180265 | 2.024016 | .4479400 | .4635413 | .7482062 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3425170 | .0051274 | .0287139 | 64.13718 | .1785354 | .0655230 |
| #2 | .3449066 | .0050084 | .0276088 | 64.60432 | .1793790 | .0664741 |
| #3 | .3455147 | .0050791 | .0284158 | 64.07920 | .1801983 | .0662326 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1460291 | 363.7036 | 5.304373 | 23.17288 | .1359593 | -.002610 |
| Stddev | .0028678 | 2.9386   | .032864  | .07967   | .0003461 | .000418  |
| %RSD   | 1.963865 | .8079764 | .6195637 | .3438203 | .2545328 | 16.01517 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1480118 | 360.5973 | 5.276519 | 23.12762 | .1355698 | -.002887 |
| #2 | .1427408 | 366.4395 | 5.340619 | 23.26487 | .1360767 | -.002129 |
| #3 | .1473347 | 364.0740 | 5.295982 | 23.12614 | .1362314 | -.002814 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1165.558 | .3517151 | .2544567 | 12.25042 | .1522475 | .0813307 |
| Stddev | 7.417    | .0011197 | .0014220 | .11590   | .0034102 | .0006306 |
| %RSD   | .6363387 | .3183566 | .5588245 | .9460920 | 2.239880 | .7753723 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1156.998 | .3506333 | .2539377 | 12.13185 | .1491908 | .0807535 |
| #2 | 1169.598 | .3528692 | .2560652 | 12.25598 | .1559256 | .0820037 |
| #3 | 1170.077 | .3516427 | .2533671 | 12.36345 | .1516260 | .0812347 |

Sample Name: P5031-01DUP      Acquired: 12/3/2024 20:13:15      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0073342 | 2.415152 | F 91.87775 | 2.883145 | F 19.56169 | .0257580 |
| Stddev | .0014306 | .010410  | .61784     | .012261  | .06639     | .0002339 |
| %RSD   | 19.50552 | .4310088 | .6724562   | .4252604 | .3394043   | .9080242 |
| #1     | .0057018 | 2.404122 | 91.16576   | 2.885779 | 19.55284   | .0260243 |
| #2     | .0079314 | 2.424805 | 92.19469   | 2.869781 | 19.50016   | .0255858 |
| #3     | .0083694 | 2.416528 | 92.27281   | 2.893875 | 19.63206   | .0256640 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0076396 |
| Stddev | .0023038 |
| %RSD   | 30.15675 |
| #1     | .0095747 |
| #2     | .0050911 |
| #3     | .0082528 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2183.915 | 53682.68 | 14032.57 | 1519.028 | 3116.501 |
| Stddev    | 13.261   | 229.05   | 35.33    | 11.359   | 15.035   |
| %RSD      | .6072139 | .4266715 | .2517746 | .7478132 | .4824257 |
| #1        | 2188.238 | 53945.61 | 14051.95 | 1531.674 | 3119.945 |
| #2        | 2194.474 | 53526.40 | 13991.79 | 1509.688 | 3129.515 |
| #3        | 2169.031 | 53576.04 | 14053.96 | 1515.722 | 3100.043 |

Sample Name: P5031-01LX5      Acquired: 12/3/2024 20:17:30      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010850 | .0004020 | .0271661 | -.011397 | -.000316 | 9.938667 |
| Stddev | .0042147 | .0017766 | .0004346 | .000305  | .000763  | .038661  |
| %RSD   | 388.4580 | 441.9358 | 1.599692 | 2.676510 | 241.1544 | .3890003 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0020479 | .0009644 | .0267519 | -.011359 | -.000111 | 9.895726 |
| #2 | .0047349 | .0018293 | .0276185 | -.011720 | .000323  | 9.949568 |
| #3 | -.003528 | -.001588 | .0271277 | -.011113 | -.001160 | 9.970708 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0679696 | .0013367 | .0027976 | 14.46827 | .0410985 | .0134490 |
| Stddev | .0003469 | .0000711 | .0000448 | .02237   | .0001072 | .0001264 |
| %RSD   | .5103445 | 5.319656 | 1.601856 | .1546324 | .2607059 | .9400365 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0680232 | .0012925 | .0027593 | 14.44509 | .0411778 | .0133656 |
| #2 | .0682866 | .0012990 | .0028469 | 14.48973 | .0411410 | .0133869 |
| #3 | .0675991 | .0014188 | .0027866 | 14.47000 | .0409766 | .0135944 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0406107 | 77.54354 | 1.194698 | 5.259163 | .0287904 | -.000309 |
| Stddev | .0002675 | .19731   | .003847  | .007828  | .0000628 | .000297  |
| %RSD   | .6586085 | .2544509 | .3219827 | .1488449 | .2182663 | 95.82288 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0405622 | 77.35548 | 1.193054 | 5.250388 | .0287699 | -.000485 |
| #2 | .0408990 | 77.74896 | 1.199094 | 5.261672 | .0287404 | -.000476 |
| #3 | .0403707 | 77.52617 | 1.191947 | 5.265429 | .0288610 | .000033  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 252.1777 | .0788241 | .0509828 | 2.421529 | .0334369 | .0177359 |
| Stddev | 2.1565   | .0006596 | .0001780 | .018155  | .0012865 | .0001604 |
| %RSD   | .8551347 | .8368315 | .3491872 | .7497349 | 3.847384 | .9046173 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 254.6442 | .0780625 | .0511793 | 2.400934 | .0326106 | .0175536 |
| #2 | 250.6486 | .0792160 | .0509368 | 2.428441 | .0349191 | .0177988 |
| #3 | 251.2402 | .0791938 | .0508323 | 2.435214 | .0327811 | .0178554 |

Sample Name: P5031-01LX5      Acquired: 12/3/2024 20:17:30      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0106952 | .5317760 | F 18.38595 | .5516477 | 3.841594 | .0096019 |
| Stddev | .0004136 | .0017190 | .03215     | .0060396 | .004979  | .0001433 |
| %RSD   | 3.867247 | .3232544 | .1748848   | 1.094836 | .1296082 | 1.492685 |
| #1     | .0107111 | .5303680 | 18.34936   | .5570426 | 3.837442 | .0094494 |
| #2     | .0111007 | .5336917 | 18.39877   | .5451229 | 3.840225 | .0096223 |
| #3     | .0102739 | .5312684 | 18.40972   | .5527775 | 3.847114 | .0097339 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0017532 |
| Stddev | .0002835 |
| %RSD   | 16.17118 |
| #1     | .0017646 |
| #2     | .0014641 |
| #3     | .0020308 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2425.875 | 57687.00 | 13790.33 | 1676.161 | 3810.239 |
| Stddev    | 7.050    | 156.48   | 35.73    | 10.964   | 9.264    |
| %RSD      | .2905993 | .2712640 | .2591293 | .6541046 | .2431405 |
| #1        | 2433.994 | 57506.64 | 13749.70 | 1668.449 | 3820.917 |
| #2        | 2422.323 | 57767.72 | 13804.44 | 1671.322 | 3804.344 |
| #3        | 2421.308 | 57786.64 | 13816.86 | 1688.712 | 3805.455 |

Sample Name: P5031-01MS      Acquired: 12/3/2024 20:21:51      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7418758 | 1.542576 | .9151387 | 1.641565 | .4930564 | 50.74440 |
| Stddev | .0055697 | .010419  | .0011050 | .003521  | .0027568 | .17154   |
| %RSD   | .7507635 | .6754564 | .1207419 | .2144894 | .5591242 | .3380500 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7356819 | 1.537534 | .9138637 | 1.638037 | .4898863 | 50.54648 |
| #2 | .7434729 | 1.535636 | .9158160 | 1.641579 | .4943903 | 50.83664 |
| #3 | .7464724 | 1.554557 | .9157365 | 1.645079 | .4948925 | 50.85009 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5054639 | .1574164 | .1996573 | 66.23265 | .4971346 | .2368917 |
| Stddev | .0012861 | .0003772 | .0004090 | .16273   | .0004707 | .0006290 |
| %RSD   | .2544306 | .2396147 | .2048657 | .2457002 | .0946903 | .2655410 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5058618 | .1575330 | .1997916 | 66.06772 | .4974032 | .2369503 |
| #2 | .5065040 | .1577216 | .1999822 | 66.39310 | .4974095 | .2374893 |
| #3 | .5040259 | .1569947 | .1991980 | 66.23712 | .4965910 | .2362353 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3738595 | 361.4865 | 5.514831 | 25.21620 | .5557820 | .0682380 |
| Stddev | .0024550 | 1.6319   | .014134  | .14906   | .0006756 | .0002035 |
| %RSD   | .6566593 | .4514441 | .2562957 | .5911398 | .1215628 | .2982257 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3733118 | 360.5478 | 5.501782 | 25.05818 | .5565118 | .0683401 |
| #2 | .3765420 | 360.5408 | 5.529845 | 25.35431 | .5551783 | .0680036 |
| #3 | .3717245 | 363.3708 | 5.512866 | 25.23610 | .5556558 | .0683702 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1136.473 | .5929194 | .4363514 | 21.91059 | .3530069 | .4140023 |
| Stddev | 1.815    | .0036099 | .0018632 | .04515   | .0023897 | .0007036 |
| %RSD   | .1597407 | .6088260 | .4269844 | .2060593 | .6769544 | .1699564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1138.509 | .5887749 | .4382625 | 21.90064 | .3529539 | .4131900 |
| #2 | 1135.022 | .5946065 | .4345402 | 21.87125 | .3506442 | .4143952 |
| #3 | 1135.888 | .5953768 | .4362515 | 21.95989 | .3554227 | .4144217 |

Sample Name: P5031-01MS      Acquired: 12/3/2024 20:21:51      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .5477628 | 2.640486 | F 90.99134 | 8.644439 | F 19.49632 | .2103926 |
| Stddev | .0015141 | .004918  | .55804     | .055764  | .02501     | .0003741 |
| %RSD   | .2764117 | .1862509 | .6132887   | .6450866 | .1282814   | .1777980 |
| #1     | .5494538 | 2.635189 | 90.68567   | 8.596562 | 19.46786   | .2104412 |
| #2     | .5465327 | 2.644906 | 90.65292   | 8.631089 | 19.50633   | .2107401 |
| #3     | .5473021 | 2.641363 | 91.63543   | 8.705667 | 19.51479   | .2099967 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1945455 |
| Stddev | .0014224 |
| %RSD   | .7311401 |
| #1     | .1934740 |
| #2     | .1961593 |
| #3     | .1940033 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2165.650 | 53055.29 | 13597.16 | 1499.889 | 3089.398 |
| Stddev    | 10.336   | 178.72   | 15.85    | 7.032    | 8.219    |
| %RSD      | .4772908 | .3368479 | .1165394 | .4688637 | .2660334 |
| #1        | 2174.589 | 53030.11 | 13599.97 | 1497.234 | 3097.083 |
| #2        | 2168.030 | 53245.26 | 13580.10 | 1507.862 | 3090.379 |
| #3        | 2154.331 | 52890.50 | 13611.42 | 1494.571 | 3080.733 |

Sample Name: P5031-01MSD      Acquired: 12/3/2024 20:25:59      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7436299 | 1.533492 | .9018378 | 1.644043 | .4918202 | 50.67123 |
| Stddev | .0024652 | .006284  | .0017625 | .010867  | .0042797 | .16792   |
| %RSD   | .3315072 | .4097978 | .1954356 | .6610077 | .8701672 | .3313848 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7407903 | 1.540063 | .9038251 | 1.636991 | .4869194 | 50.51161 |
| #2 | .7448773 | 1.527541 | .9012241 | 1.638580 | .4948206 | 50.65573 |
| #3 | .7452220 | 1.532873 | .9004642 | 1.656558 | .4937205 | 50.84636 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5039396 | .1556268 | .1974167 | 65.78449 | .4938835 | .2352409 |
| Stddev | .0026560 | .0013241 | .0006444 | .12376   | .0017761 | .0005448 |
| %RSD   | .5270397 | .8507992 | .3264303 | .1881245 | .3596131 | .2315970 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5036847 | .1566470 | .1981101 | 65.65583 | .4959343 | .2356928 |
| #2 | .5014202 | .1541305 | .1973040 | 65.79497 | .4928644 | .2353939 |
| #3 | .5067138 | .1561030 | .1968361 | 65.90267 | .4928517 | .2346360 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3712082 | 360.9591 | 5.473390 | 25.05724 | .5511488 | .0675797 |
| Stddev | .0015547 | 1.5162   | .023204  | .12583   | .0005265 | .0007732 |
| %RSD   | .4188198 | .4200531 | .4239370 | .5021602 | .0955255 | 1.144113 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3717988 | 359.3273 | 5.461762 | 24.92742 | .5516427 | .0667986 |
| #2 | .3694448 | 362.3245 | 5.458300 | 25.17865 | .5512087 | .0683447 |
| #3 | .3723811 | 361.2254 | 5.500109 | 25.06564 | .5505949 | .0675959 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1138.373 | .5909347 | .4355667 | 21.90299 | .3529866 | .4120570 |
| Stddev | 2.967    | .0025613 | .0013486 | .08451   | .0028200 | .0008667 |
| %RSD   | .2606543 | .4334370 | .3096101 | .3858362 | .7989080 | .2103288 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1135.179 | .5880447 | .4340694 | 21.80655 | .3500858 | .4111018 |
| #2 | 1138.897 | .5929241 | .4366858 | 21.93830 | .3557183 | .4122762 |
| #3 | 1141.044 | .5918353 | .4359448 | 21.96411 | .3531555 | .4127931 |

Sample Name: P5031-01MSD      Acquired: 12/3/2024 20:25:59      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .5435961 | 2.631421 | F 91.51943 | 8.571447 | F 19.33058 | .2099049 |
| Stddev | .0021519 | .009249  | .61801     | .007271  | .06156     | .0009656 |
| %RSD   | .3958572 | .3514995 | .6752791   | .0848234 | .3184435   | .4600229 |
| #1     | .5458019 | 2.627807 | 90.93769   | 8.579722 | 19.39089   | .2098527 |
| #2     | .5415026 | 2.624525 | 92.16824   | 8.568537 | 19.26784   | .2089665 |
| #3     | .5434838 | 2.641932 | 91.45234   | 8.566082 | 19.33301   | .2108956 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1949997 |
| Stddev | .0009665 |
| %RSD   | .4956574 |
| #1     | .1939634 |
| #2     | .1951588 |
| #3     | .1958767 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2159.459 | 52992.16 | 13662.45 | 1486.598 | 3096.583 |
| Stddev    | 19.611   | 147.06   | 39.34    | 12.499   | 16.475   |
| %RSD      | .9081229 | .2775070 | .2879345 | .8407647 | .5320424 |
| #1        | 2181.982 | 53105.93 | 13653.10 | 1498.002 | 3115.363 |
| #2        | 2150.226 | 52826.11 | 13705.62 | 1473.236 | 3089.825 |
| #3        | 2146.169 | 53044.45 | 13628.63 | 1488.555 | 3084.561 |

Sample Name: P5031-01A      Acquired: 12/3/2024 20:30:06      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7453612 | 1.530113 | .9064133 | 1.649964 | .4936044 | 50.75605 |
| Stddev | .0024455 | .013154  | .0012107 | .009167  | .0032473 | .24890   |
| %RSD   | .3280992 | .8596725 | .1335684 | .5556081 | .6578704 | .4903947 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7433618 | 1.537219 | .9060702 | 1.644143 | .4919830 | 50.47356 |
| #2 | .7446341 | 1.538184 | .9077586 | 1.660532 | .4973431 | 50.85141 |
| #3 | .7480879 | 1.514934 | .9054113 | 1.645218 | .4914871 | 50.94316 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5037364 | .1550666 | .1975814 | 65.40035 | .4940313 | .2351025 |
| Stddev | .0038787 | .0002917 | .0005974 | .26165   | .0009475 | .0008160 |
| %RSD   | .7699756 | .1881396 | .3023504 | .4000703 | .1917948 | .3470812 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4992611 | .1554014 | .1978965 | 65.13893 | .4947449 | .2355211 |
| #2 | .5058221 | .1549314 | .1979553 | 65.66223 | .4929562 | .2356242 |
| #3 | .5061259 | .1548670 | .1968924 | 65.39989 | .4943927 | .2341621 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3748153 | 360.6240 | 5.448342 | 24.94578 | .5525994 | .0673230 |
| Stddev | .0014379 | 1.5726   | .030409  | .07650   | .0012805 | .0001391 |
| %RSD   | .3836322 | .4360683 | .5581247 | .3066826 | .2317308 | .2066727 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3751462 | 358.8509 | 5.413634 | 24.86380 | .5540293 | .0671645 |
| #2 | .3760589 | 361.8497 | 5.470296 | 24.95826 | .5522102 | .0673791 |
| #3 | .3732408 | 361.1713 | 5.461097 | 25.01527 | .5515586 | .0674252 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1136.830 | .5903010 | .4374943 | 21.99896 | .3565402 | .4124429 |
| Stddev | 3.069    | .0021621 | .0004011 | .15735   | .0013009 | .0012142 |
| %RSD   | .2699815 | .3662646 | .0916909 | .7152464 | .3648757 | .2943829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1135.124 | .5889371 | .4373508 | 21.82441 | .3554566 | .4130899 |
| #2 | 1134.992 | .5891720 | .4379474 | 22.04255 | .3561810 | .4131964 |
| #3 | 1140.373 | .5927938 | .4371846 | 22.12991 | .3579830 | .4110422 |

Sample Name: P5031-01A      Acquired: 12/3/2024 20:30:06      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .5421786 | 2.630319 | F 91.84661 | 8.627753 | F 19.37428 | .2096564 |
| Stddev | .0034021 | .015159  | .35042     | .064217  | .06117     | .0022267 |
| %RSD   | .6274827 | .5763326 | .3815226   | .7443093 | .3157228   | 1.062090 |
| #1     | .5427826 | 2.612820 | 91.45908   | 8.640011 | 19.39486   | .2075701 |
| #2     | .5452382 | 2.638687 | 91.93959   | 8.684958 | 19.42250   | .2093982 |
| #3     | .5385149 | 2.639450 | 92.14115   | 8.558291 | 19.30547   | .2120011 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1966756 |
| Stddev | .0017356 |
| %RSD   | .8824777 |
| #1     | .1957496 |
| #2     | .1955993 |
| #3     | .1986778 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2150.419 | 52814.75 | 13691.71 | 1477.426 | 3084.280 |
| Stddev    | 18.901   | 34.61    | 18.58    | 9.045    | 23.175   |
| %RSD      | .8789386 | .0655368 | .1356962 | .6122394 | .7513934 |
| #1        | 2163.435 | 52851.49 | 13709.12 | 1487.340 | 3097.977 |
| #2        | 2128.739 | 52810.00 | 13672.14 | 1469.623 | 3057.523 |
| #3        | 2159.082 | 52782.75 | 13693.86 | 1475.315 | 3097.342 |

Sample Name: PB165327BL      Acquired: 12/3/2024 20:34:14      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000849 | -.002644 | .0000229 | .0005343 | -.000118 | -.000191 | -.006448 |
| Stddev | .002337  | .001595  | .0005183 | .0021386 | .000532  | .002567  | .000457  |
| %RSD   | 275.1659 | 60.31845 | 2259.257 | 400.2917 | 449.7377 | 1343.903 | 7.087579 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000026 | -.003879 | .0002743 | -.001906 | -.000185 | -.003155 | -.006972 |
| #2 | .000965  | -.000844 | -.000573 | .002083  | .000444  | .001293  | -.006138 |
| #3 | -.003486 | -.003208 | .000368  | .001426  | -.000614 | .001290  | -.006232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000212 | -.000003 | .0110187 | .0003755 | .0000549 | -.000095 | .0068047 |
| Stddev | .0000492 | .000074  | .0055464 | .0001129 | .0001394 | .000366  | .0039804 |
| %RSD   | 232.4673 | 2624.293 | 50.33622 | 30.06603 | 253.8290 | 386.4439 | 58.49443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000195 | .000045  | .0164796 | .0004986 | -.000106 | -.000474 | .0104889 |
| #2 | -.000027 | -.000087 | .0111860 | .0003510 | .000145  | -.000067 | .0073424 |
| #3 | .000071  | .000034  | .0053906 | .0002768 | .000125  | .000257  | .0025828 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003205 | -.004009 | -.000315 | .0005393 | .7472840 | -.000140 | .0002892 |
| Stddev | .0001767 | .002767  | .000163  | .0001216 | .0283552 | .000217  | .0000841 |
| %RSD   | 55.11527 | 69.01518 | 51.84877 | 22.54463 | 3.794435 | 154.7287 | 29.07183 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004474 | -.003952 | -.000433 | .0004696 | .7707407 | .000076  | .0003853 |
| #2 | .0003954 | -.001271 | -.000383 | .0006797 | .7553383 | -.000358 | .0002531 |
| #3 | .0001188 | -.006805 | -.000129 | .0004686 | .7157730 | -.000138 | .0002292 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4962712 | .0009221 | -.000109 | .0129047 | .0007964 | .0128977 | .0018480 |
| Stddev | .0073967 | .0001616 | .000246  | .0004109 | .0001645 | .0012076 | .0010231 |
| %RSD   | 1.490449 | 17.52012 | 224.3978 | 3.184312 | 20.64946 | 9.362594 | 55.35940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5037569 | .0011075 | .000117  | .0132879 | .0006831 | .0142804 | .0008789 |
| #2 | .4960898 | .0008113 | -.000074 | .0124708 | .0009850 | .0123626 | .0029175 |
| #3 | .4889669 | .0008476 | -.000371 | .0129555 | .0007212 | .0120502 | .0017476 |

Sample Name: PB165327BL      Acquired: 12/3/2024 20:34:14      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003376 | .0065567 | -.000017 |
| Stddev | .000687  | .0000951 | .000020  |
| %RSD   | 20.34988 | 1.450933 | 115.6257 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004122 | .0066057 | -.000040 |
| #2 | -.003239 | .0066173 | -.000009 |
| #3 | -.002769 | .0064470 | -.000003 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2673.268 | 64131.79 | 13924.48 | 1839.474 | 4747.022 |
| Stddev    | 6.597    | 136.79   | 18.92    | 10.396   | 12.137   |
| %RSD      | .2467920 | .2133025 | .1358835 | .5651807 | .2556809 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2669.051 | 64066.98 | 13910.64 | 1844.055 | 4738.994 |
| #2 | 2680.871 | 64039.44 | 13946.04 | 1827.573 | 4760.985 |
| #3 | 2669.882 | 64288.94 | 13916.77 | 1846.792 | 4741.088 |

Sample Name: PB165327BS      Acquired: 12/3/2024 20:38:35      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8166018 | 2.071257 | .9873723 | 2.052553 | .8339016 | 1.964314 |
| Stddev | .0168450 | .073361  | .0219827 | .044194  | .0218565 | .004930  |
| %RSD   | 2.062820 | 3.541852 | 2.226383 | 2.153122 | 2.620989 | .2509570 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7971529 | 1.996610 | .9619946 | 2.002664 | .8096418 | 1.968332 |
| #2 | .8265742 | 2.073902 | 1.000526 | 2.068201 | .8400063 | 1.958813 |
| #3 | .8260782 | 2.143260 | .999597  | 2.086794 | .8520566 | 1.965796 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1832625 | .1937309 | .1959068 | 1.022560 | .3990230 | .1993106 |
| Stddev | .0008207 | .0007813 | .0042575 | .010107  | .0009996 | .0047608 |
| %RSD   | .4478517 | .4032703 | 2.173239 | .9883898 | .2505130 | 2.388631 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1826424 | .1936564 | .1910098 | 1.019329 | .3979559 | .1938165 |
| #2 | .1829519 | .1929897 | .1987308 | 1.014464 | .3991755 | .2022180 |
| #3 | .1841932 | .1945468 | .1979797 | 1.033888 | .3999376 | .2018975 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3208446 | 2.831887 | .1913450 | 1.892753 | .4987931 | .0744614 |
| Stddev | .0064647 | .014347  | .0011064 | .019920  | .0120450 | .0001558 |
| %RSD   | 2.014913 | .5066171 | .5782218 | 1.052431 | 2.414834 | .2092320 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3134175 | 2.815770 | .1905541 | 1.891538 | .4849351 | .0745538 |
| #2 | .3239080 | 2.836624 | .1908716 | 1.873468 | .5067464 | .0742815 |
| #3 | .3252081 | 2.843266 | .1926094 | 1.913253 | .5046977 | .0745489 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.149720 | .2946469 | .2057035 | 9.561203 | .2891740 | .4290781 |
| Stddev | .009183  | .0020309 | .0007073 | .038813  | .0016258 | .0086318 |
| %RSD   | .2915591 | .6892802 | .3438574 | .4059428 | .5622177 | 2.011711 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.140263 | .2927318 | .2065195 | 9.602041 | .2900146 | .4192321 |
| #2 | 3.158603 | .2944324 | .2053259 | 9.524796 | .2873000 | .4326589 |
| #3 | 3.150295 | .2967766 | .2052651 | 9.556771 | .2902074 | .4353432 |

Sample Name: PB165327BS      Acquired: 12/3/2024 20:38:35      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .7049240 | .1924374 | F .7401286 | 5.776465 | F -.007803 | .2036736 |
| Stddev | .0169271 | .0005940 | .0020255   | .156607  | .002730    | .0004895 |
| %RSD   | 2.401266 | .3086555 | .2736744   | 2.711128 | 34.98488   | .2403480 |
| #1     | .6853807 | .1921198 | .7379100   | 5.598644 | -.006891   | .2036402 |
| #2     | .7149606 | .1920699 | .7418791   | 5.836906 | -.010873   | .2041790 |
| #3     | .7144308 | .1931227 | .7405967   | 5.893846 | -.005646   | .2032016 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2131347 |
| Stddev | .0001160 |
| %RSD   | .0544403 |
| #1     | .2131861 |
| #2     | .2132161 |
| #3     | .2130018 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2449.391 | 60515.34 | 13313.51 | 1750.192 | 4199.853 |
| Stddev    | 47.426   | 98.31    | 37.28    | 5.718    | 92.635   |
| %RSD      | 1.936248 | .1624487 | .2800194 | .3267202 | 2.205673 |
| #1        | 2502.975 | 60406.03 | 13279.02 | 1743.822 | 4306.260 |
| #2        | 2432.385 | 60543.48 | 13353.07 | 1751.872 | 4156.099 |
| #3        | 2412.812 | 60596.50 | 13308.45 | 1754.882 | 4137.199 |

Sample Name: CCV04      Acquired: 12/3/2024 20:47:08      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.847702 | 4.754964 | 4.617833 | 4.859473 | 4.943608 | 9.500118 |
| Stddev | .006629  | .037970  | .009073  | .004310  | .006398  | .015606  |
| %RSD   | .1367384 | .7985369 | .1964808 | .0886943 | .1294213 | .1642698 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.844321 | 4.715371 | 4.609072 | 4.854496 | 4.949955 | 9.506612 |
| #2 | 4.843446 | 4.791070 | 4.617236 | 4.861952 | 4.943709 | 9.511427 |
| #3 | 4.855340 | 4.758451 | 4.627189 | 4.861970 | 4.937160 | 9.482313 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.125067 | .2714639 | 2.295728 | 26.60319 | .9420599 | 2.300153 |
| Stddev | .061374  | .0017036 | .005942  | .05993   | .0035324 | .005623  |
| %RSD   | .6725864 | .6275758 | .2588205 | .2252653 | .3749599 | .2444469 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.183107 | .2723754 | 2.289000 | 26.61165 | .9461244 | 2.294177 |
| #2 | 9.131266 | .2725180 | 2.297932 | 26.65844 | .9403234 | 2.300946 |
| #3 | 9.060829 | .2694985 | 2.300254 | 26.53948 | .9397319 | 2.305338 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.195390 | 4.577965 | 2.584510 | 22.59868 | 2.300168 | 1.174923 |
| Stddev | .001990  | .003670  | .011980  | .01957   | .004466  | .001796  |
| %RSD   | .1664935 | .0801665 | .4635408 | .0865768 | .1941714 | .1528828 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.197376 | 4.580921 | 2.583096 | 22.62001 | 2.295574 | 1.176915 |
| #2 | 1.193395 | 4.579117 | 2.597134 | 22.58156 | 2.300435 | 1.174427 |
| #3 | 1.195400 | 4.573857 | 2.573299 | 22.59448 | 2.304495 | 1.173427 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 24.67181 | 2.321283 | 2.387784 | 23.91559 | F 4.497992 | 4.848027 |
| Stddev | .26023   | .003440  | .003789  | .02832   | .025526    | .006059  |
| %RSD   | 1.054778 | .1481870 | .1586781 | .1184139 | .5674934   | .1249749 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.94149 | 2.319109 | 2.392024 | 23.91535 | 4.514438 | 4.842496 |
| #2 | 24.65176 | 2.325249 | 2.384730 | 23.94403 | 4.510952 | 4.847081 |
| #3 | 24.42219 | 2.319492 | 2.386598 | 23.88740 | 4.468586 | 4.854503 |

Sample Name: CCV04      Acquired: 12/3/2024 20:47:08      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.645421 | 4.551486 | 4.959736 | 4.733662 | 4.529318 | 4.684249 |
| Stddev | .012631  | .016607  | .016140  | .025668  | .014234  | .026640  |
| %RSD   | .2718965 | .3648689 | .3254289 | .5422391 | .3142638 | .5687154 |
| #1     | 4.631076 | 4.550740 | 4.943669 | 4.705044 | 4.514481 | 4.685321 |
| #2     | 4.650314 | 4.568453 | 4.959591 | 4.741295 | 4.530612 | 4.710337 |
| #3     | 4.654874 | 4.535264 | 4.975949 | 4.754648 | 4.542861 | 4.657090 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.974486 |
| Stddev | .040419  |
| %RSD   | .8125295 |
| #1     | 4.980158 |
| #2     | 5.011769 |
| #3     | 4.931530 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2493.679 | 59510.12 | 13791.77 | 1708.310 | 4072.836 |
| Stddev    | 7.854    | 123.12   | 57.46    | 5.194    | 11.837   |
| %RSD      | .3149493 | .2068909 | .4166097 | .3040666 | .2906389 |
| #1        | 2487.813 | 59368.21 | 13742.44 | 1703.031 | 4071.291 |
| #2        | 2502.602 | 59573.64 | 13778.01 | 1713.416 | 4085.370 |
| #3        | 2490.623 | 59588.51 | 13854.85 | 1708.483 | 4061.847 |

Sample Name: CCB04      Acquired: 12/3/2024 20:51:56      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001486 | -.002320 | -.000849 | .0016848 | -.000290 | -.001997 | -.006725 |
| Stddev | .001138  | .000840  | .000837  | .0003915 | .000960  | .004233  | .000755  |
| %RSD   | 76.57194 | 36.20078 | 98.57535 | 23.23676 | 330.8499 | 211.9838 | 11.22941 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002552 | -.001407 | .000030  | .0012647 | -.001374 | -.001347 | -.007400 |
| #2 | -.000288 | -.002491 | -.000941 | .0020395 | .000451  | .001874  | -.005910 |
| #3 | -.001617 | -.003061 | -.001637 | .0017502 | .000053  | -.006516 | -.006865 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000391 | .0000215 | -.004216 | .0003986 | .0000385 | -.000002 | .0009835 |
| Stddev | .0000358 | .0000390 | .000967  | .0000381 | .0000106 | .000217  | .0007973 |
| %RSD   | 91.63281 | 181.7672 | 22.93252 | 9.564010 | 27.65064 | 12768.93 | 81.06672 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000791 | -.000021 | -.003808 | .0004401 | .0000283 | .000089  | .0014343 |
| #2 | .0000100 | .000030  | -.005321 | .0003652 | .0000495 | -.000250 | .0014534 |
| #3 | .0000281 | .000056  | -.003521 | .0003904 | .0000375 | .000155  | .0000629 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000077 | -.010132 | -.000083 | .0004344 | -.020256 | -.000140 | -.000696 |
| Stddev | .0001460 | .006072  | .000094  | .0002593 | .017547  | .000651  | .000051  |
| %RSD   | 1894.406 | 59.92557 | 113.3248 | 59.70133 | 86.62624 | 464.0706 | 7.273494 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000161 | -.003320 | .000024  | .0002741 | -.036753 | -.000768 | -.000656 |
| #2 | .000090  | -.014974 | -.000121 | .0002954 | -.022194 | -.000185 | -.000753 |
| #3 | .000094  | -.012102 | -.000153 | .0007336 | -.001821 | .000532  | -.000679 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1230469 | .0080503 | .0007233 | .0001518 | .0010166 | .0058937 | .0007545 |
| Stddev | .0271919 | .0003543 | .0000953 | .0005960 | .0000496 | .0015754 | .0019414 |
| %RSD   | 22.09883 | 4.401267 | 13.17358 | 392.6901 | 4.875621 | 26.72962 | 257.3010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0973328 | .0082991 | .0006597 | -.000451 | .0010713 | .0072352 | .0016060 |
| #2 | .1515081 | .0082070 | .0006773 | .000165  | .0009748 | .0041590 | .0021248 |
| #3 | .1202998 | .0076446 | .0008328 | .000741  | .0010036 | .0062870 | -.001467 |

Sample Name: CCB04      Acquired: 12/3/2024 20:51:56      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003938 | .0011787 | .0000173 |
| Stddev | .000132  | .0003744 | .0000042 |
| %RSD   | 3.358264 | 31.76652 | 24.05108 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004091 | .0009436 | .0000131 |
| #2 | -.003852 | .0016105 | .0000175 |
| #3 | -.003872 | .0009820 | .0000214 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2600.342 | 61720.59 | 13421.29 | 1794.724 | 4604.418 |
| Stddev    | 3.214    | 157.80   | 52.17    | 8.010    | 11.589   |
| %RSD      | .1235809 | .2556704 | .3886737 | .4463284 | .2516997 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2596.642 | 61552.49 | 13404.12 | 1785.828 | 4591.939 |
| #2 | 2602.429 | 61743.76 | 13379.87 | 1796.978 | 4606.474 |
| #3 | 2601.956 | 61865.53 | 13479.87 | 1801.366 | 4614.843 |

Sample Name: LR1      Acquired: 12/3/2024 21:09:57      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0291256 | .1063049 | .0365943 | -.203305 | -.000477 | 2199.311 | .0094505 |
| Stddev | .0008368 | .0100852 | .0007065 | .005907  | .006090  | 23.721   | .0010878 |
| %RSD   | 2.873041 | 9.487057 | 1.930579 | 2.905697 | 1277.863 | 1.078581 | 11.51076 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0291414 | .1009428 | .0368366 | -.207052 | -.006977 | 2176.583 | .0102798 |
| #2 | .0299544 | .1000333 | .0357985 | -.206367 | .005097  | 2223.914 | .0098529 |
| #3 | .0282811 | .1179384 | .0371476 | -.196495 | .000450  | 2197.436 | .0082188 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089775 | .1362767 | 1966.699 | -.001786 | .0433259 | -.168352 | 934.0182 |
| Stddev | .0001192 | .0014177 | 24.430   | .000687  | .0005774 | .004787  | 2.7908   |
| %RSD   | 1.327773 | 1.040329 | 1.242160 | 38.43205 | 1.332657 | 2.843541 | .2987927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0088511 | .1348133 | 1976.054 | -.001357 | .0429063 | -.173721 | 937.1800 |
| #2 | .0089936 | .1376438 | 1985.069 | -.002578 | .0439844 | -.166805 | 931.8979 |
| #3 | .0090879 | .1363732 | 1938.975 | -.001424 | .0430870 | -.164529 | 932.9768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.090885 | 1627.435 | -.011445 | -.071652 | 2047.889 | .0461400 | .3231642 |
| Stddev | .001145  | 25.203   | .000628  | .003588  | 4.279    | .0019648 | .0042577 |
| %RSD   | 1.259720 | 1.548628 | 5.485791 | 5.007973 | .2089497 | 4.258381 | 1.317489 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.092043 | 1645.268 | -.011738 | -.069689 | 2049.556 | .0481051 | .3262018 |
| #2 | -.090857 | 1638.435 | -.010724 | -.069473 | 2043.027 | .0461394 | .3182976 |
| #3 | -.089754 | 1598.602 | -.011873 | -.075793 | 2051.083 | .0441755 | .3249930 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1327.368 | -.065548 | -.010029 | .0210355 | -.038506 | .1577249 | .0839707 |
| Stddev | 13.144   | .014662  | .001978  | .0033209 | .000795  | .0082389 | .0033741 |
| %RSD   | .9902211 | 22.36868 | 19.72464 | 15.78695 | 2.063535 | 5.223570 | 4.018204 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1317.928 | -.054016 | -.008189 | .0226809 | -.038893 | .1635446 | .0843440 |
| #2 | 1321.797 | -.082049 | -.009776 | .0232124 | -.039032 | .1613326 | .0804255 |
| #3 | 1342.380 | -.060579 | -.012121 | .0172132 | -.037592 | .1482976 | .0871427 |

Sample Name: LR1      Acquired: 12/3/2024 21:09:57      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.223953 | -.322922 | -.922447 |
| Stddev | .018870  | .004072  | .002750  |
| %RSD   | 8.425701 | 1.260997 | .2981590 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.220523 | -.324337 | -.925555 |
| #2 | -.207034 | -.326098 | -.920327 |
| #3 | -.244303 | -.318331 | -.921459 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1502.781 | 37882.94 | 10096.58 | 1030.245 | 2154.023 |
| Stddev    | 8.898    | 256.92   | 64.33    | 4.916    | 7.591    |
| %RSD      | .5920718 | .6781942 | .6371577 | .4771984 | .3524237 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1512.992 | 37980.47 | 10116.65 | 1027.320 | 2162.734 |
| #2 | 1498.660 | 38076.82 | 10024.61 | 1035.921 | 2150.510 |
| #3 | 1496.690 | 37591.54 | 10148.49 | 1027.495 | 2148.825 |

Sample Name: LR2      Acquired: 12/3/2024 21:14:53      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101301 | -.032931 | 263.9436 | .0093905 | -.008836 | .0497062 | ^F ***** |
| Stddev | .0036753 | .000755  | .1793    | .0003082 | .001723  | .0071982 | ----     |
| %RSD   | 36.28094 | 2.291264 | .0679361 | 3.282418 | 19.49584 | 14.48156 | ----     |

|    |          |          |          |          |          |          |        |
|----|----------|----------|----------|----------|----------|----------|--------|
| #1 | .0105452 | -.033084 | 264.0587 | .0091685 | -.007470 | .0562458 | ^ ---- |
| #2 | .0062649 | -.032112 | 263.7370 | .0097424 | -.008267 | .0508794 | ^ ---- |
| #3 | .0135802 | -.033597 | 264.0352 | .0092605 | -.010771 | .0419935 | ^ ---- |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002194 | -.006057 | .3599376 | .0138498 | -.031421 | 269.3295 | .0148424 |
| Stddev | .000044  | .000055  | .0058513 | .0001354 | .000533  | 2.4786   | .0042170 |
| %RSD   | 2.002820 | .9054591 | 1.625638 | .9774999 | 1.697460 | .9202764 | 28.41188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002176 | -.006059 | .3666595 | .0139093 | -.031327 | 270.7321 | .0197105 |
| #2 | -.002244 | -.006111 | .3559855 | .0139451 | -.030941 | 270.7886 | .0123133 |
| #3 | -.002162 | -.006002 | .3571679 | .0136948 | -.031995 | 266.4676 | .0125033 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 40.76830 | -.066064 | 54.84560 | .0031153 | .9163654 | -.015262 | 33.89644 |
| Stddev | .18930   | .006288  | .03717   | .0006755 | .0365755 | .000887  | .22005   |
| %RSD   | .4643217 | 9.518435 | .0677779 | 21.68407 | 3.991361 | 5.810470 | .6491910 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 40.87567 | -.065146 | 54.88140 | .0024052 | .9554620 | -.015666 | 33.95087 |
| #2 | 40.87950 | -.060285 | 54.84819 | .0031908 | .9106501 | -.014245 | 34.08417 |
| #3 | 40.54973 | -.072761 | 54.80719 | .0037499 | .8829840 | -.015875 | 33.65428 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6198255 | .0016633 | -.005864 | -.005014 | -.044250 | -.011208 | 1.409489 |
| Stddev | .0839475 | .0000713 | .000445  | .000445  | .000568  | .001204  | .014536  |
| %RSD   | 13.54373 | 4.288131 | 7.580852 | 8.874810 | 1.283102 | 10.74216 | 1.031295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7091186 | .0016959 | -.006364 | -.005382 | -.043674 | -.010070 | 1.411068 |
| #2 | .6078476 | .0015815 | -.005513 | -.005141 | -.044809 | -.012468 | 1.394228 |
| #3 | .5425103 | .0017125 | -.005716 | -.004520 | -.044266 | -.011084 | 1.423171 |

Sample Name: LR2      Acquired: 12/3/2024 21:14:53      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0100811 | -.000054 | .0020422 |
| Stddev | .0018302 | .000542  | .0000361 |
| %RSD   | 18.15467 | 1003.906 | 1.769527 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0112123 | .000290  | .0020005 |
| #2 | .0110614 | -.000679 | .0020644 |
| #3 | .0079696 | .000226  | .0020617 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2222.924 | 59380.09 | 13469.99 | 1588.830 | 4132.797 |
| Stddev    | 13.533   | 132.22   | 47.03    | 8.215    | 19.356   |
| %RSD      | .6087752 | .2226668 | .3491453 | .5170390 | .4683497 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2209.334 | 59529.95 | 13476.39 | 1586.326 | 4117.017 |
| #2 | 2223.039 | 59279.90 | 13420.09 | 1582.159 | 4126.980 |
| #3 | 2236.398 | 59330.42 | 13513.49 | 1598.005 | 4154.394 |

Sample Name: CCV05      Acquired: 12/3/2024 21:20:23      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.793147 | 4.687807 | 4.695411 | 4.783634 | 4.873211 | 9.542222 | 9.220188 |
| Stddev | .009170  | .052866  | .011784  | .016247  | .016946  | .033940  | .097141  |
| %RSD   | .1913135 | 1.127730 | .2509606 | .3396441 | .3477335 | .3556873 | 1.053574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.803279 | 4.717747 | 4.704548 | 4.793713 | 4.889448 | 9.505106 | 9.155325 |
| #2 | 4.790747 | 4.718907 | 4.699575 | 4.792297 | 4.874550 | 9.549884 | 9.331872 |
| #3 | 4.785417 | 4.626766 | 4.682111 | 4.764891 | 4.855636 | 9.571677 | 9.173366 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2376330 | 2.332221 | 23.09778 | .9689799 | 2.330037 | 1.189910 | 4.578794 |
| Stddev | .0004307 | .008752  | .10193   | .0047516 | .007689  | .004781  | .030850  |
| %RSD   | .1812412 | .3752844 | .4412900 | .4903764 | .3299914 | .4017637 | .6737688 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2378046 | 2.340234 | 22.98062 | .9731980 | 2.337223 | 1.195190 | 4.545540 |
| #2 | .2379514 | 2.333549 | 23.16607 | .9638321 | 2.330961 | 1.188664 | 4.584357 |
| #3 | .2371429 | 2.322881 | 23.14664 | .9699095 | 2.321928 | 1.185876 | 4.606484 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.260380 | 23.33581 | 2.332300 | 1.195948 | 24.27778 | 2.365730 | 2.341999 |
| Stddev | .006733  | .15861   | .008331  | .000809  | .10030   | .006824  | .011337  |
| %RSD   | .2978834 | .6796816 | .3572086 | .0676493 | .4131555 | .2884398 | .4840675 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.252666 | 23.15485 | 2.339563 | 1.196874 | 24.39306 | 2.357977 | 2.351421 |
| #2 | 2.265079 | 23.40184 | 2.334132 | 1.195379 | 24.21044 | 2.370826 | 2.329417 |
| #3 | 2.263395 | 23.45073 | 2.323205 | 1.195591 | 24.22984 | 2.368386 | 2.345157 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.43738 | 4.727572 | 4.819224 | 4.698416 | 4.618475 | 4.785489 | 4.767270 |
| Stddev | .07514   | .011234  | .015031  | .020057  | .007747  | .052603  | .033437  |
| %RSD   | .3205871 | .2376234 | .3118979 | .4268803 | .1677405 | 1.099222 | .7013815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.44473 | 4.729586 | 4.832704 | 4.713090 | 4.609530 | 4.734972 | 4.791168 |
| #2 | 23.35883 | 4.737662 | 4.821952 | 4.706597 | 4.622867 | 4.781541 | 4.781583 |
| #3 | 23.50856 | 4.715467 | 4.803016 | 4.675562 | 4.623029 | 4.839955 | 4.729059 |

Sample Name: CCV05      Acquired: 12/3/2024 21:20:23      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.569572 | 4.634691 | 4.989067 |
| Stddev | .031634  | .002514  | .016137  |
| %RSD   | .6922704 | .0542343 | .3234416 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.582193 | 4.636647 | 4.970498 |
| #2 | 4.592948 | 4.635571 | 4.997021 |
| #3 | 4.533577 | 4.631856 | 4.999683 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2542.628 | 59494.74 | 13294.08 | 1737.187 | 4109.597 |
| Stddev    | 8.143    | 103.23   | 29.68    | 7.303    | 15.412   |
| %RSD      | .3202521 | .1735116 | .2232398 | .4204168 | .3750333 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2534.577 | 59508.98 | 13292.58 | 1733.670 | 4095.558 |
| #2 | 2542.448 | 59590.11 | 13265.18 | 1745.583 | 4107.146 |
| #3 | 2550.860 | 59385.13 | 13324.48 | 1732.307 | 4126.088 |

Sample Name: CCB05      Acquired: 12/3/2024 21:24:34      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001638 | -.001731 | -.000430 | .0011408 | -.000396 | -.004202 | -.005605 |
| Stddev | .001007  | .000437  | .000129  | .0003938 | .000481  | .000264  | .000537  |
| %RSD   | 61.43964 | 25.21399 | 29.96823 | 34.51631 | 121.5706 | 6.276203 | 9.587692 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001728 | -.002200 | -.000404 | .0007997 | -.000389 | -.004433 | -.006034 |
| #2 | -.002597 | -.001658 | -.000316 | .0010510 | .000082  | -.004259 | -.005778 |
| #3 | -.000590 | -.001336 | -.000570 | .0015718 | -.000881 | -.003915 | -.005002 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000451 | .0000176 | -.007989 | .0002552 | .0000139 | .0007225 | .0015366 |
| Stddev | .0000535 | .0000080 | .004533  | .0000850 | .0000832 | .0001416 | .0043952 |
| %RSD   | 118.6018 | 45.38714 | 56.74345 | 33.29975 | 600.0480 | 19.59719 | 286.0338 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000008 | .0000266 | -.013117 | .0003229 | -.000076 | .0006320 | -.003297 |
| #2 | .000044  | .0000111 | -.004514 | .0002828 | .000087  | .0008857 | .002613  |
| #3 | .000099  | .0000153 | -.006337 | .0001598 | .000031  | .0006499 | .005294  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000288 | -.003469 | -.000028 | .0004081 | .3293364 | -.000648 | -.000653 |
| Stddev | .0001628 | .007604  | .000227  | .0002187 | .0249186 | .000600  | .000111  |
| %RSD   | 565.0861 | 219.2119 | 821.4088 | 53.58993 | 7.566300 | 92.61778 | 17.07009 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002071 | .004862  | .000029  | .0006246 | .3019305 | -.000449 | -.000692 |
| #2 | -.000112 | -.010038 | .000165  | .0004122 | .3354484 | -.001323 | -.000527 |
| #3 | -.000009 | -.005230 | -.000277 | .0001873 | .3506303 | -.000173 | -.000740 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2949856 | .0048807 | .0006504 | -.000272 | .0008440 | .0045753 | .0014835 |
| Stddev | .0107885 | .0004351 | .0002338 | .000314  | .0003099 | .0041871 | .0012826 |
| %RSD   | 3.657305 | 8.915084 | 35.95316 | 115.5229 | 36.71897 | 91.51582 | 86.45883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2837200 | .0046498 | .0008122 | -.000021 | .0009260 | .0079836 | .0012858 |
| #2 | .3052235 | .0046097 | .0007568 | -.000171 | .0011047 | .0058409 | .0003112 |
| #3 | .2960133 | .0053826 | .0003823 | -.000625 | .0005013 | -.000099 | .0028534 |

Sample Name: CCB05      Acquired: 12/3/2024 21:24:34      Type: Unk  
Method: NON EPA-6010-200.7(v2483)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005724 | .0006744 | .0000087 |
| Stddev | .002158  | .0002087 | .0000100 |
| %RSD   | 37.68972 | 30.95267 | 114.9037 |
| #1     | -.006302 | .0006620 | .0000201 |
| #2     | -.007534 | .0004721 | .0000016 |
| #3     | -.003337 | .0008890 | .0000043 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2728.611 | 64024.33 | 13598.02 | 1888.798 | 4804.560 |
| Stddev    | 1.169    | 199.50   | 63.62    | 17.749   | 7.841    |
| %RSD      | .0428302 | .3116011 | .4678765 | .9396972 | .1631894 |
| #1        | 2728.907 | 63801.68 | 13667.79 | 1869.539 | 4801.940 |
| #2        | 2729.603 | 64186.85 | 13583.07 | 1904.498 | 4813.375 |
| #3        | 2727.322 | 64084.46 | 13543.21 | 1892.355 | 4798.365 |