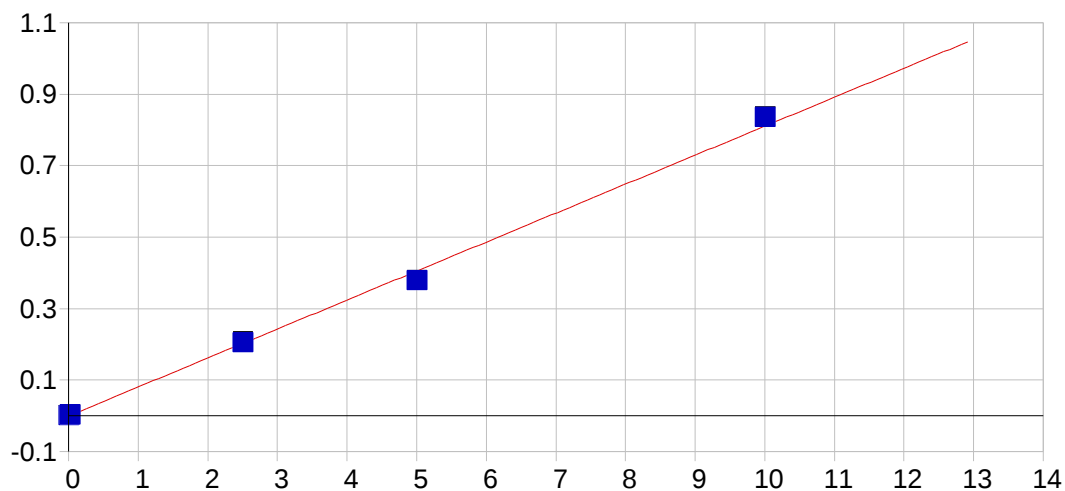


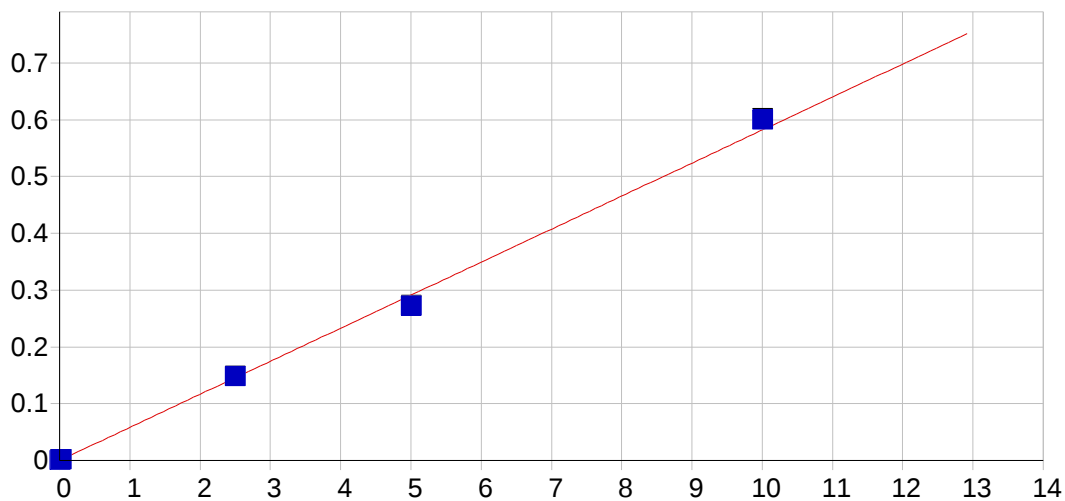


As 189.042 {478}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000355 Re-Slope: 1.000000
 A1 (Gain): 0.081083 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999052 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.002691
 Predicted MQL: 0.008970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.02000	.02057	.001	2.83	.00131	.000	1
S3	2.5000	2.5337	.034	1.35	.20507	.001	1
S4	5.0000	4.6583	-.342	-6.83	.37733	.002	1
S5	10.000	10.307	.307	3.07	.83535	.002	1



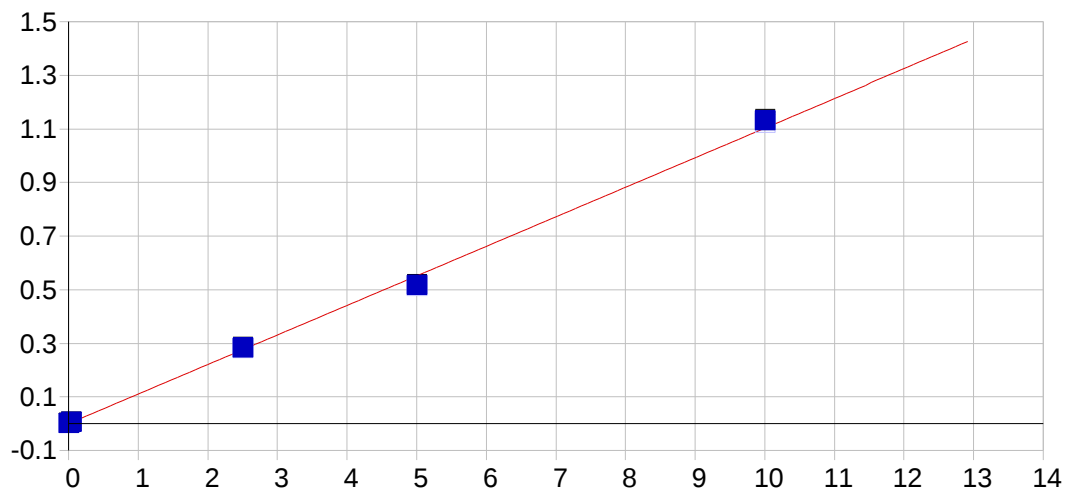
As 189.042 {479}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000196 Re-Slope: 1.000000

A1 (Gain): 0.058160 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999094 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002423
 Predicted MQL: 0.008076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.02000	.01879	-.001	-6.06	.00129	.000	1
S3	2.5000	2.5334	.033	1.34	.14754	.000	1
S4	5.0000	4.6667	-.333	-6.67	.27162	.001	1
S5	10.000	10.301	.301	3.01	.59932	.002	1

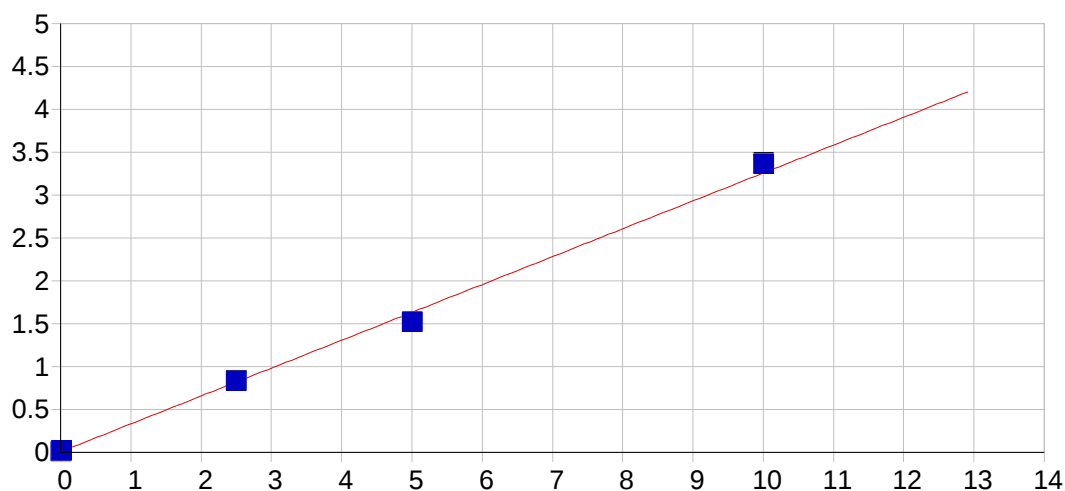


TI 190.856 {477}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.110351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999147 Status: OK.
 Std Error of Est: 0.000154
 Predicted MDL: 0.001536
 Predicted MQL: 0.005121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.04000	.04700	.007	17.5	.00505	.000	1
S3	2.5000	2.5658	.066	2.63	.28028	.000	1
S4	5.0000	4.6811	-.319	-6.38	.51088	.001	1
S5	10.000	10.246	.246	2.46	1.1193	.003	1

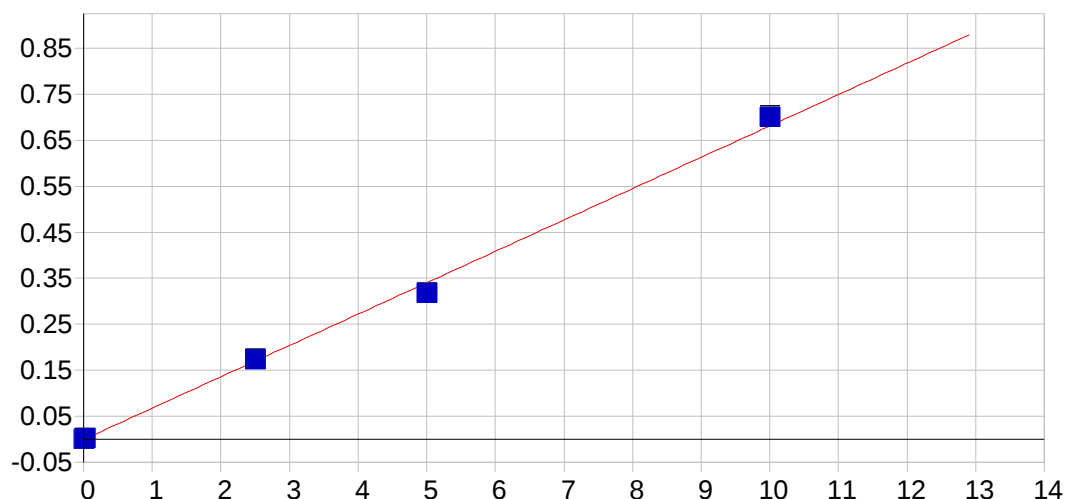


Pb 220.353 {453}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007392 Re-Slope: 1.000000
 A1 (Gain): 0.325013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998942 Status: OK.
 Std Error of Est: 0.000279
 Predicted MDL: 0.000899
 Predicted MQL: 0.002996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00739	.000	1
S1	.01200	.01463	.003	21.9	.01207	.000	1
S3	2.5000	2.5373	.037	1.49	.83092	.001	1
S4	5.0000	4.6415	-.359	-7.17	1.5137	.002	1
S5	10.000	10.319	.319	3.19	3.3566	.014	1



Se 196.090 {472}

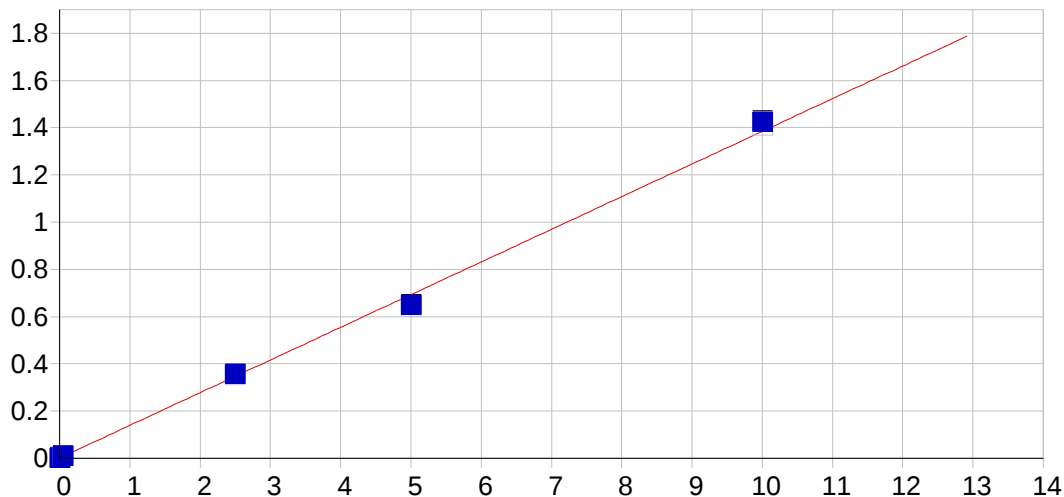
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000466 Re-Slope: 1.000000
 A1 (Gain): 0.068151 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999119
 Std Error of Est: 0.000069
 Predicted MDL: 0.002990
 Predicted MQL: 0.009968

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00047	.000	1
S1	.02000	.02096	.001	4.81	.00096	.000	1
S3	2.5000	2.5476	.048	1.91	.17314	.000	1
S4	5.0000	4.6687	-.331	-6.63	.31767	.001	1
S5	10.000	10.283	.283	2.83	.70022	.002	1



Sb 206.833 {463}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

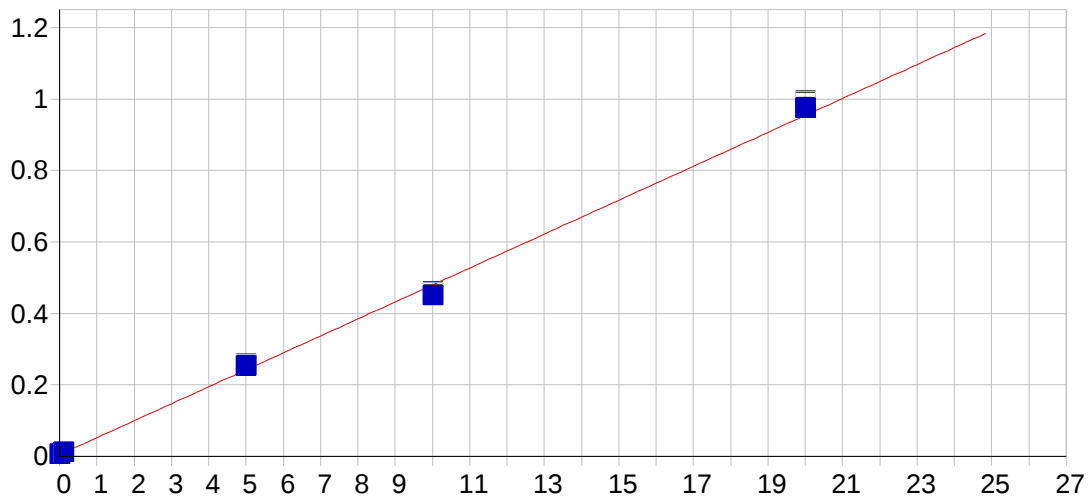
Weighting: 1/Conc

A0 (Offset): 0.001325
 A1 (Gain): 0.138338
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999066
 Std Error of Est: 0.000226
 Predicted MDL: 0.001803
 Predicted MQL: 0.006011

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00132	.000	1
S1	.05000	.05883	.009	17.7	.00929	.000	1
S3	2.5000	2.5480	.048	1.92	.34992	.001	1
S4	5.0000	4.6680	-.332	-6.64	.63932	.002	1
S5	10.000	10.275	.275	2.75	1.4072	.006	1

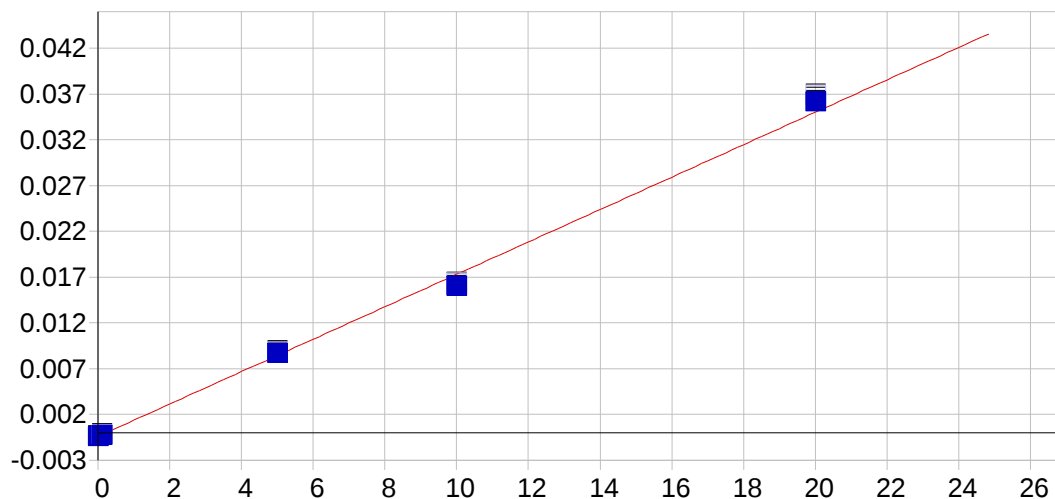


AI 308.215 {109}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004846 Re-Slope: 1.000000
 A1 (Gain): 0.047465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999170 Status: OK.
 Std Error of Est: 0.000151
 Predicted MDL: 0.002995
 Predicted MQL: 0.009982

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00484	.000	1
S1	.10000	.12030	.020	20.3	.01089	.000	1
S3	5.0000	5.2004	.200	4.01	.25641	.001	1
S4	10.000	9.3667	-.633	-6.33	.45889	.001	1
S5	20.000	20.412	.412	2.06	.99259	.002	1



AI 309.271 {109}

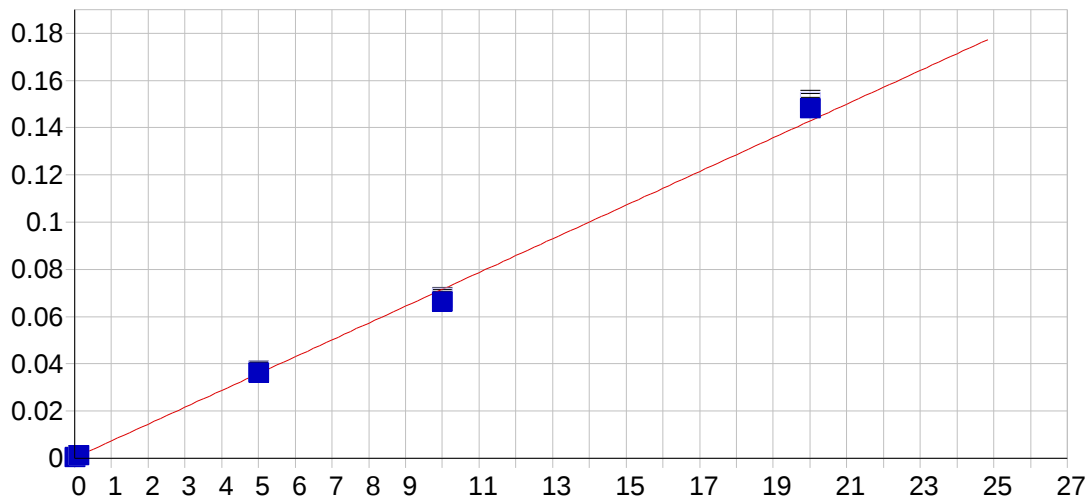
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000399 Re-Slope: 1.000000
 A1 (Gain): 0.001770 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998966
 Std Error of Est: 0.000006
 Predicted MDL: 0.038040
 Predicted MQL: 0.126800

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00040	.000	1
S1	.10000	.08523	-.015	-14.8	-.00024	.000	1
S3	5.0000	5.1071	.107	2.14	.00882	.000	1
S4	10.000	9.2820	-.718	-7.18	.01639	.000	1
S5	20.000	20.626	.626	3.13	.03683	.000	1



AI 396.152 { 85}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

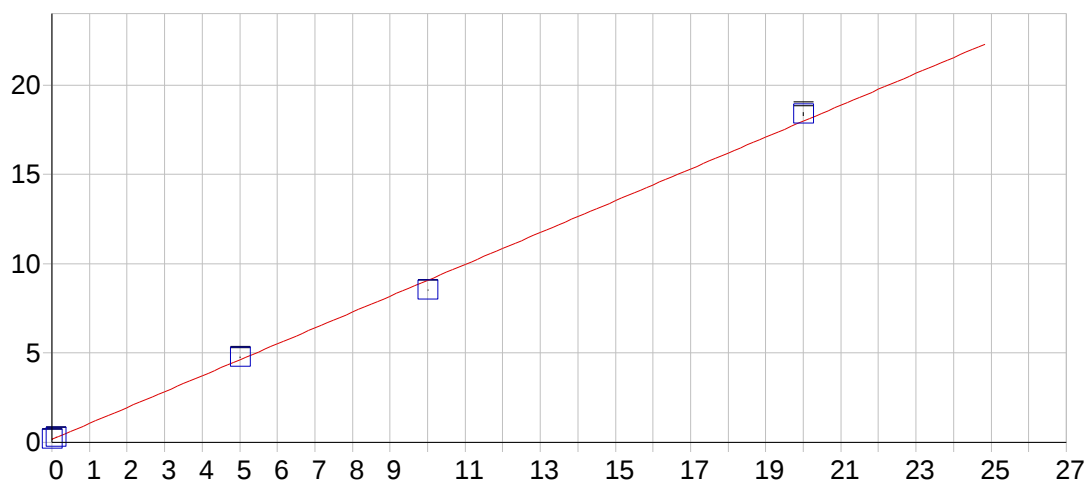
Weighting: 1/Conc

A0 (Offset): 0.000234
 A1 (Gain): 0.007131
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998863
 Std Error of Est: 0.000027
 Predicted MDL: 0.016173
 Predicted MQL: 0.053908

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00023	.000	1
S1	.10000	.11419	.014	14.2	.00110	.000	1
S3	5.0000	5.0240	.024	.479	.03677	.000	1
S4	10.000	9.2521	-.748	-7.48	.06763	.000	1
S5	20.000	20.709	.709	3.55	.15075	.001	1

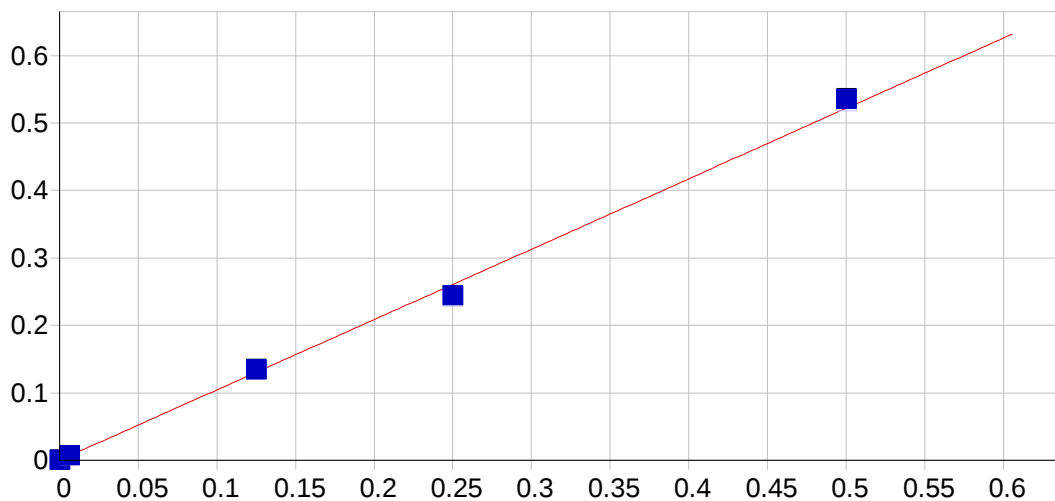


Ba 493.409 { 68}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.166552 Re-Slope: 1.000000
 A1 (Gain): 0.890622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999215 Status: OK.
 Std Error of Est: 0.002699
 Predicted MDL: 0.004721
 Predicted MQL: 0.015736

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.16654	.002	1
S1	.10000	.11829	.018	18.3	.27190	.002	1
S3	5.0000	5.1538	.154	3.08	4.7566	.031	1
S5	20.000	20.440	.440	2.20	18.371	.113	1
S4	10.000	9.3883	-.612	-6.12	8.5280	.014	1



Be 234.861 {144}

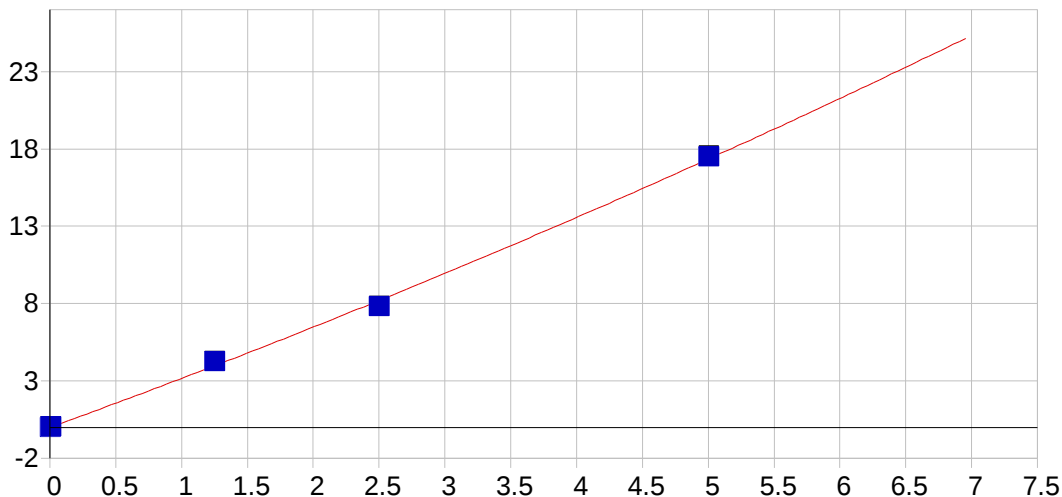
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000148 Re-Slope: 1.000000
 A1 (Gain): 1.042829 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999108
 Std Error of Est: 0.000130
 Predicted MDL: 0.000073
 Predicted MQL: 0.000245

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.00600	.00654	.001	9.00	.00690	.000	1
S3	.12500	.12851	.004	2.81	.13334	.000	1
S4	.25000	.23346	-.017	-6.62	.24196	.000	1
S5	.50000	.51249	.012	2.50	.53131	.001	1



Cd 226.502 {449}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Curvilinear

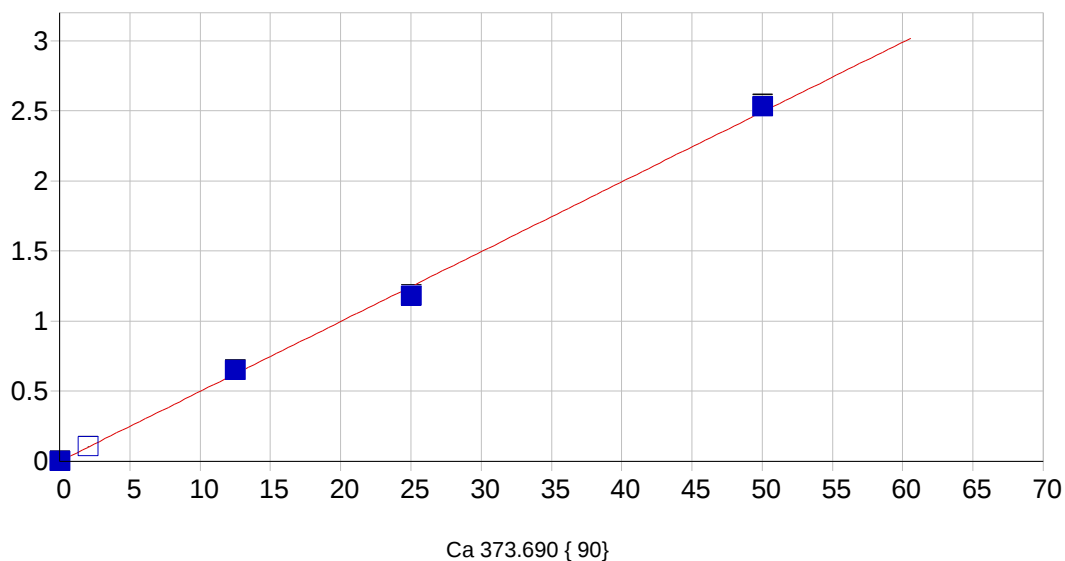
Weighting: 1/Conc

A0 (Offset): -0.001947
 A1 (Gain): 3.089232
 A2 (Curvature): 0.075801
 n (Exponent): 1.000000
 Correlation: 0.999401
 Std Error of Est: 0.001340
 Predicted MDL: 0.000098
 Predicted MQL: 0.000328

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

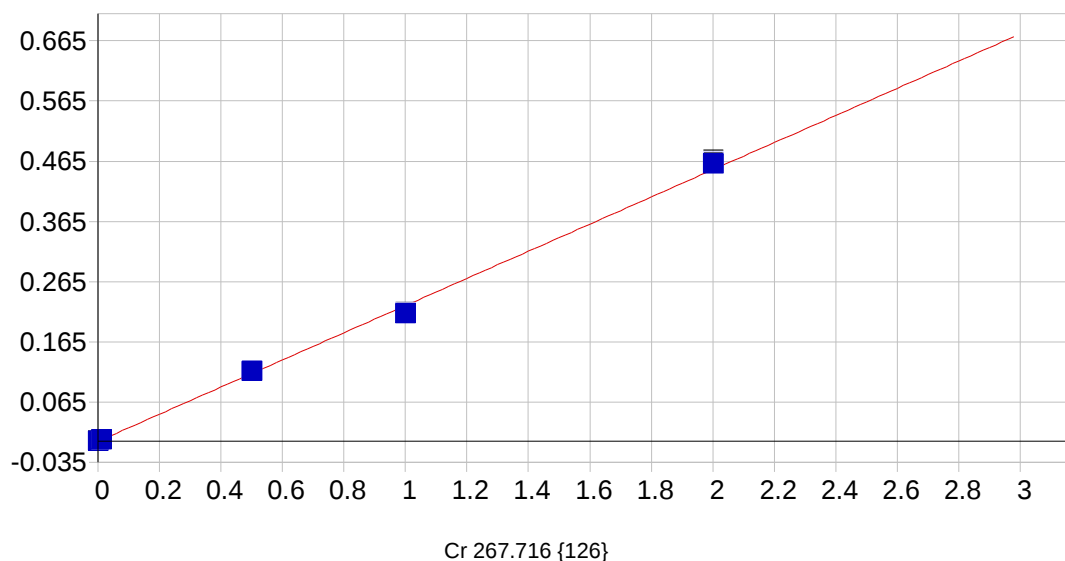
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00195	.000	1
S1	.00600	.00669	.001	11.4	.01875	.000	1
S3	1.2500	1.3289	.079	6.31	4.2381	.009	1
S4	2.5000	2.3864	-.114	-4.54	7.8036	.006	1
S5	5.0000	5.0342	.034	.684	17.474	.070	1



Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000732 Re-Slope: 1.000000
 A1 (Gain): 0.049822 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999394 Status: OK.
 Std Error of Est: 0.000947
 Predicted MDL: 0.021025
 Predicted MQL: 0.070084

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1122	.112	5.61	.10597	.001	1
S0	.00000	-.00011	-.000	.000	.00073	.001	1
S3	12.500	12.994	.494	3.95	.64845	.004	1
S4	25.000	23.659	-1.34	-5.37	1.1801	.008	1
S5	50.000	50.735	.735	1.47	2.5298	.016	1



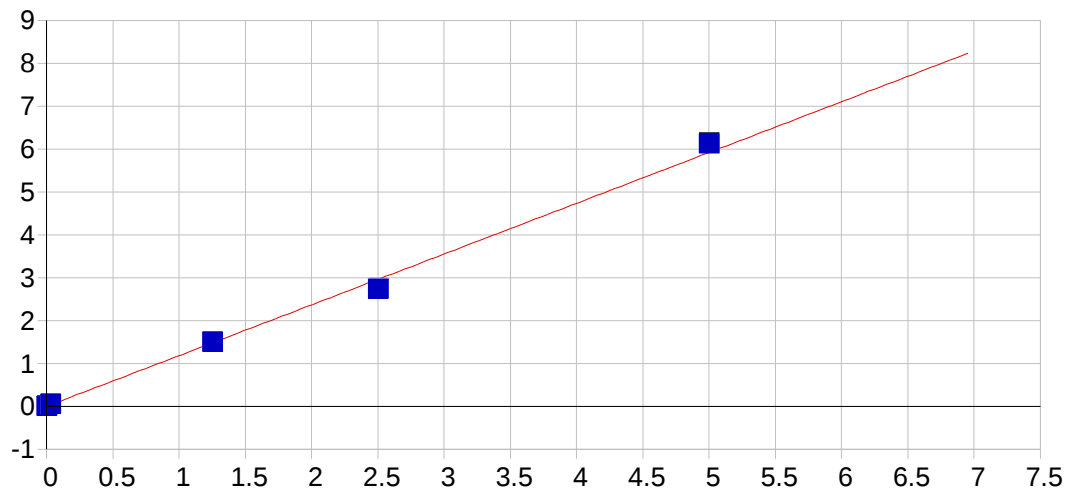
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000309 Re-Slope: 1.000000
 A1 (Gain): 0.225532 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999266
 Std Error of Est: 0.000067
 Predicted MDL: 0.000446
 Predicted MQL: 0.001487

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.01000	.01129	.001	12.9	.00225	.000	1
S3	.50000	.51611	.016	3.22	.11693	.000	1
S4	1.0000	.93976	-.060	-6.02	.21332	.000	1
S5	2.0000	2.0428	.043	2.14	.46378	.002	1



Co 228.616 {447}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

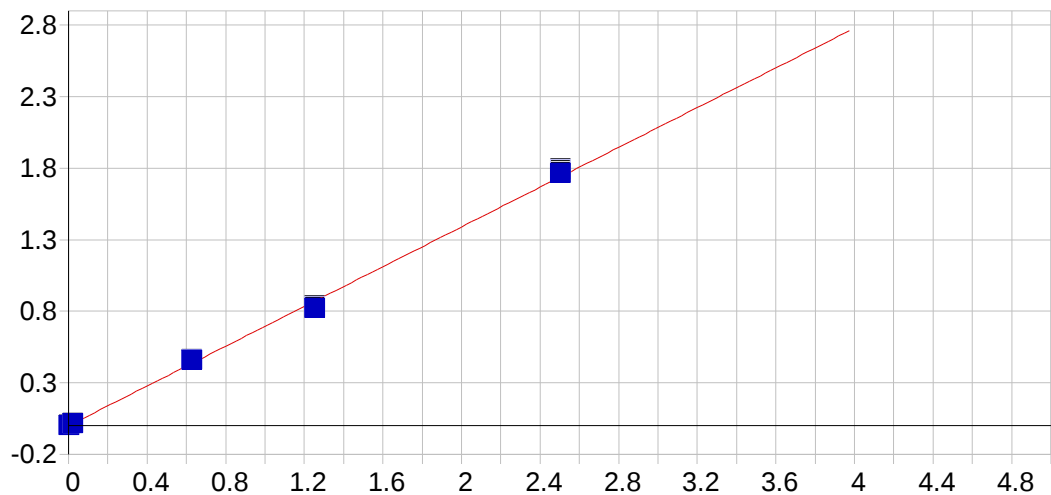
Weighting: 1/Conc

A0 (Offset): 0.000193
 A1 (Gain): 1.184377
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998803
 Std Error of Est: 0.001215
 Predicted MDL: 0.000235
 Predicted MQL: 0.000784

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.03000	.03578	.006	19.3	.04233	.000	1
S3	1.2500	1.2624	.012	.992	1.4965	.001	1
S4	2.5000	2.3123	-.188	-7.51	2.7411	.004	1
S5	5.0000	5.1696	.170	3.39	6.1276	.028	1

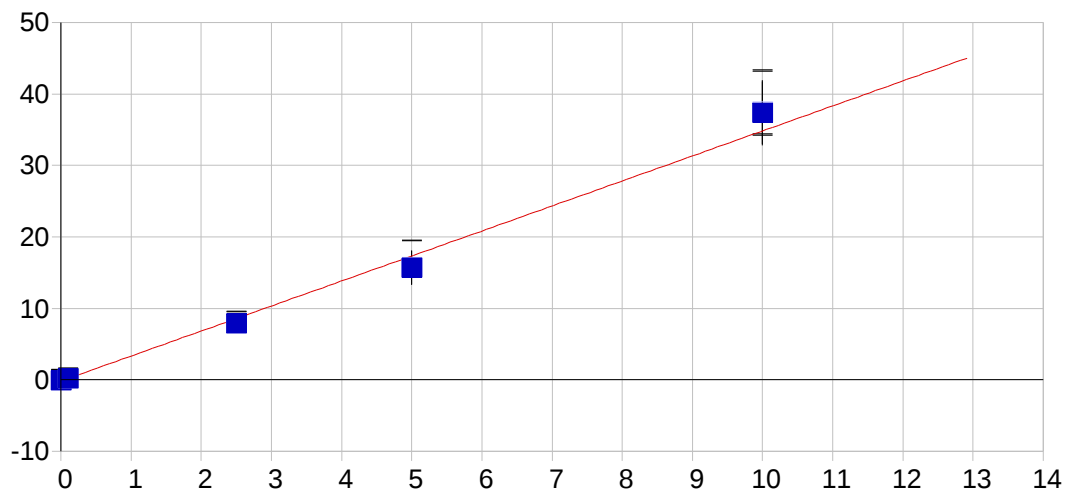


Cu 224.700 {450}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000288 Re-Slope: 1.000000
 A1 (Gain): 0.694786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999277 Status: OK.
 Std Error of Est: 0.000325
 Predicted MDL: 0.000495
 Predicted MQL: 0.001650

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.02000	.02330	.003	16.5	.01669	.000	1
S3	.62500	.65653	.032	5.04	.46345	.001	1
S4	1.2500	1.1799	-.070	-5.61	.83409	.004	1
S5	2.5000	2.5353	.035	1.41	1.7898	.006	1



Fe 240.488 {140}

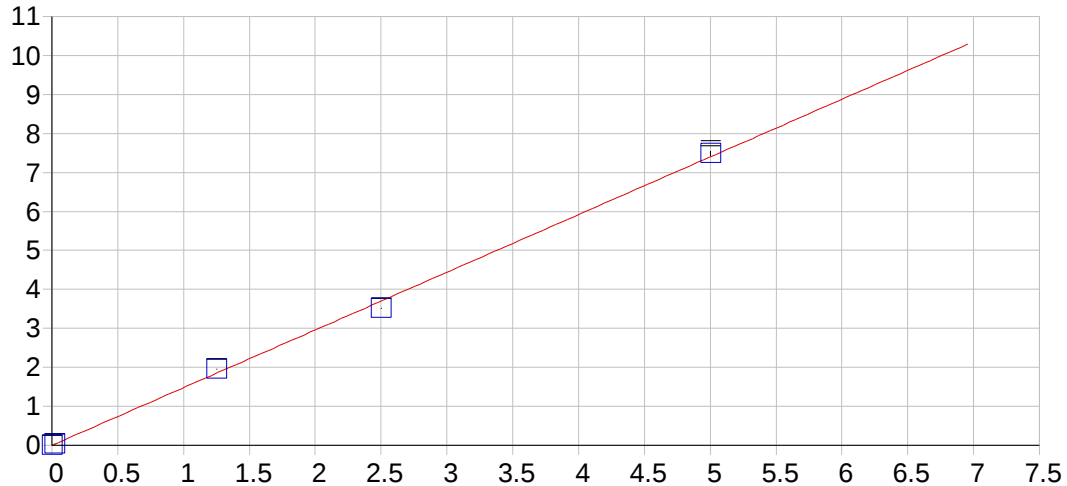
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.165111 Re-Slope: 1.000000
 A1 (Gain): 3.499325 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996738
 Std Error of Est: 0.015414
 Predicted MDL: 0.016479
 Predicted MQL: 0.054930

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.16504	.174	1
S1	.10000	.09022	-.010	-9.78	.15231	.073	1
S3	2.5000	2.2800	-.220	-8.80	7.8575	.319	1
S4	5.0000	4.5207	-.479	-9.59	15.742	2.34	1
S5	10.000	10.709	.709	7.09	37.485	4.49	1



Mn 257.610 {131}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

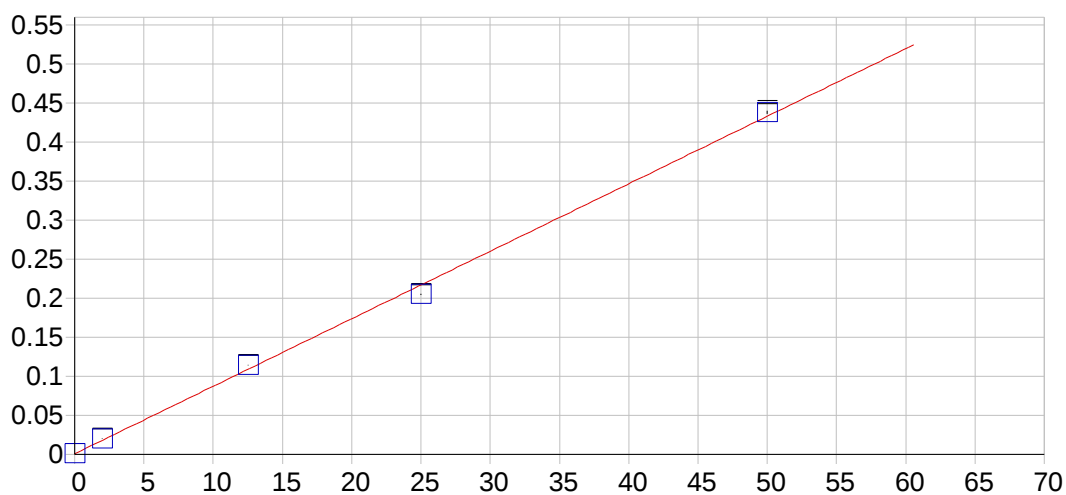
Weighting: 1/Conc

A0 (Offset): 0.000046
 A1 (Gain): 1.479615
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999319
 Std Error of Est: 0.000933
 Predicted MDL: 0.000066
 Predicted MQL: 0.000219

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.02000	.02430	.004	21.5	.03601	.000	1
S3	1.2500	1.3179	.068	5.43	1.9500	.003	1
S4	2.5000	2.3707	-.129	-5.17	3.5078	.003	1
S5	5.0000	5.0571	.057	1.14	7.4826	.067	1

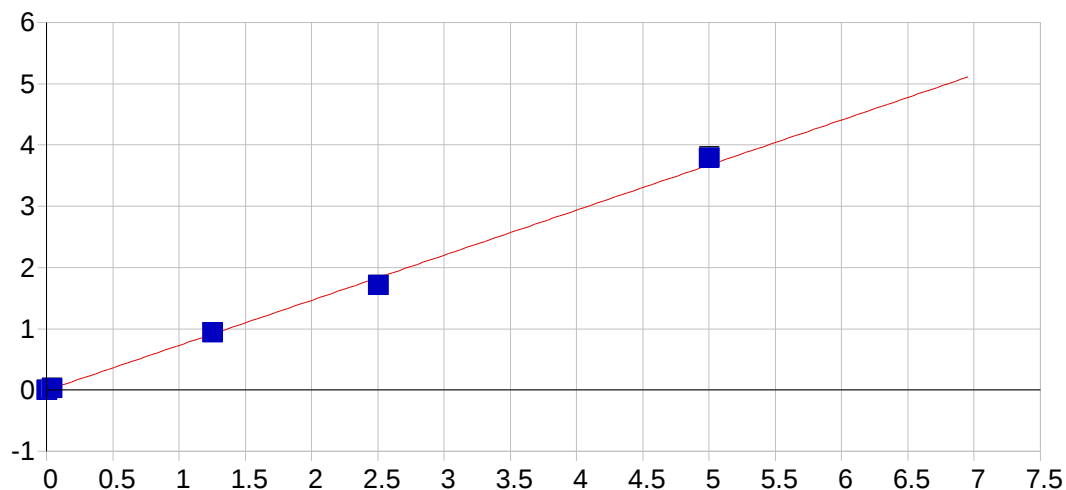


Mg 279.079 {121}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000765 Re-Slope: 1.000000
 A1 (Gain): 0.008649 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999216 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.053911
 Predicted MQL: 0.179702

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2197	.220	11.0	.01996	.001	1
S0	.00000	-.00023	-.000	.000	.00076	.000	1
S3	12.500	13.126	.626	5.01	.11429	.001	1
S4	25.000	23.597	-1.40	-5.61	.20486	.001	1
S5	50.000	50.557	.557	1.11	.43803	.002	1



Ni 231.604 {445}

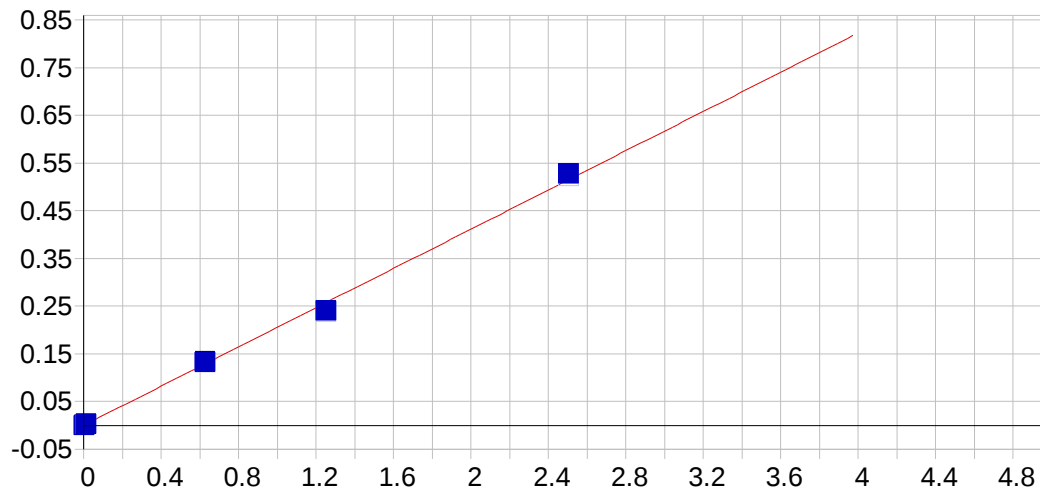
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005823 Re-Slope: 1.000000
 A1 (Gain): 0.735756 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998933
 Std Error of Est: 0.000824
 Predicted MDL: 0.000402
 Predicted MQL: 0.001339

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00583	.000	1
S1	.04000	.04643	.006	16.1	.02835	.000	1
S3	1.2500	1.2736	.024	1.89	.93223	.001	1
S4	2.5000	2.3206	-.179	-7.18	1.7036	.003	1
S5	5.0000	5.1494	.149	2.99	3.7869	.017	1



Ag 328.068 {103}

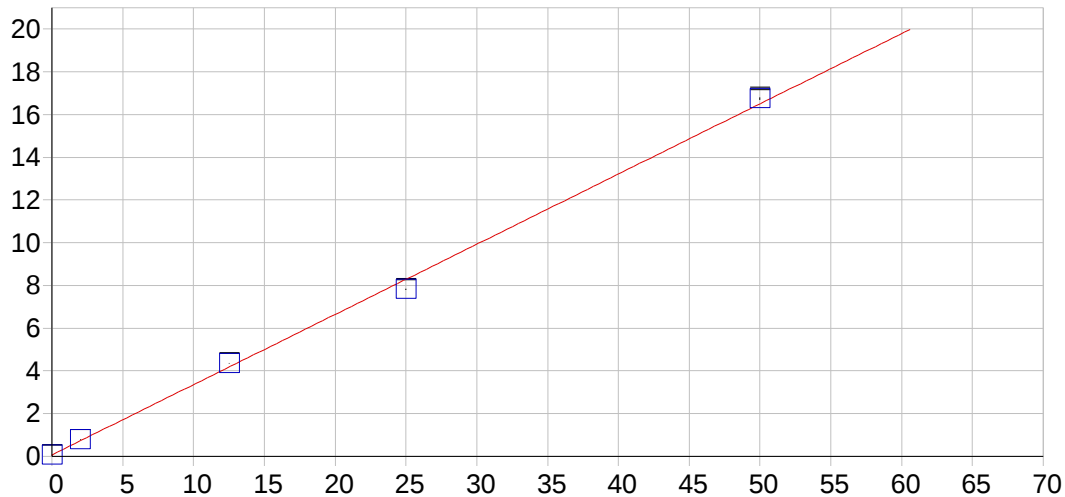
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019
 A1 (Gain): 0.205814
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999048
 Std Error of Est: 0.000076
 Predicted MDL: 0.000723
 Predicted MQL: 0.002409

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01115	.001	11.5	.00223	.000	1
S3	.62500	.64639	.021	3.42	.13156	.000	1
S4	1.2500	1.1652	-.085	-6.78	.23688	.000	1
S5	2.5000	2.5623	.062	2.49	.52149	.000	1

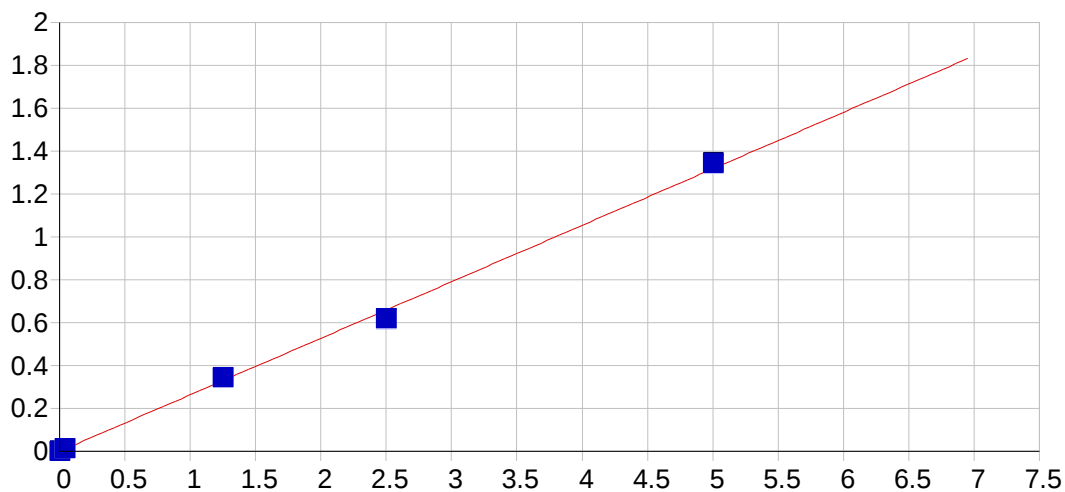


Na 589.592 { 57}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.070094 Re-Slope: 1.000000
 A1 (Gain): 0.328723 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999277 Status: OK.
 Std Error of Est: 0.006825
 Predicted MDL: 0.011510
 Predicted MQL: 0.038368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1603	.160	8.01	.78022	.006	1
S0	.00000	-.00016	-.000	.000	.07004	.003	1
S3	12.500	13.025	.525	4.20	4.3516	.013	1
S4	25.000	23.558	-1.44	-5.77	7.8142	.028	1
S5	50.000	50.757	.757	1.51	16.755	.065	1



V 292.402 {115}

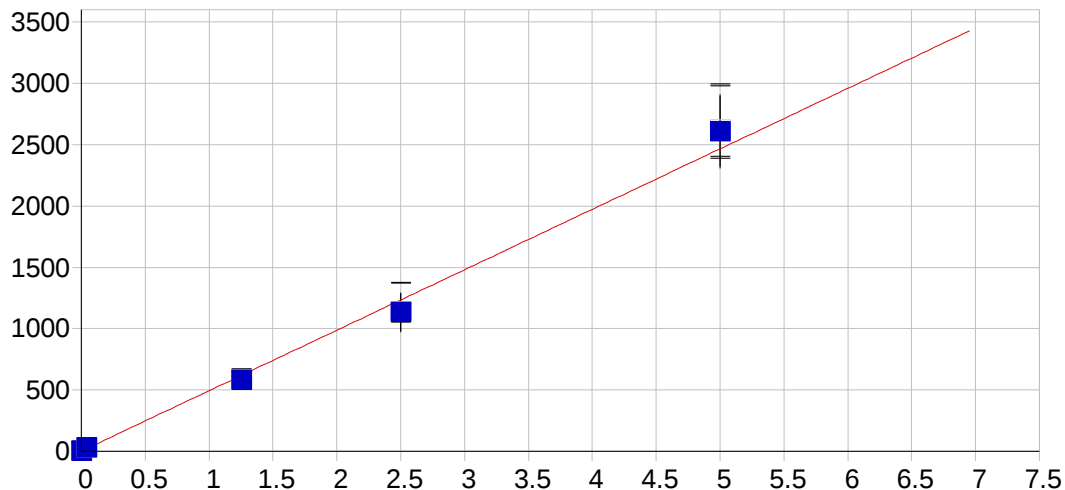
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000164 Re-Slope: 1.000000
 A1 (Gain): 0.263490 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999110
 Std Error of Est: 0.000267
 Predicted MDL: 0.000485
 Predicted MQL: 0.001618

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00016	.000	1
S1	.04000	.04805	.008	20.1	.01266	.000	1
S3	1.2500	1.2970	.047	3.76	.33977	.000	1
S4	2.5000	2.3422	-.158	-6.31	.61302	.001	1
S5	5.0000	5.1027	.103	2.05	1.3361	.002	1



Zn 206.200 {163}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

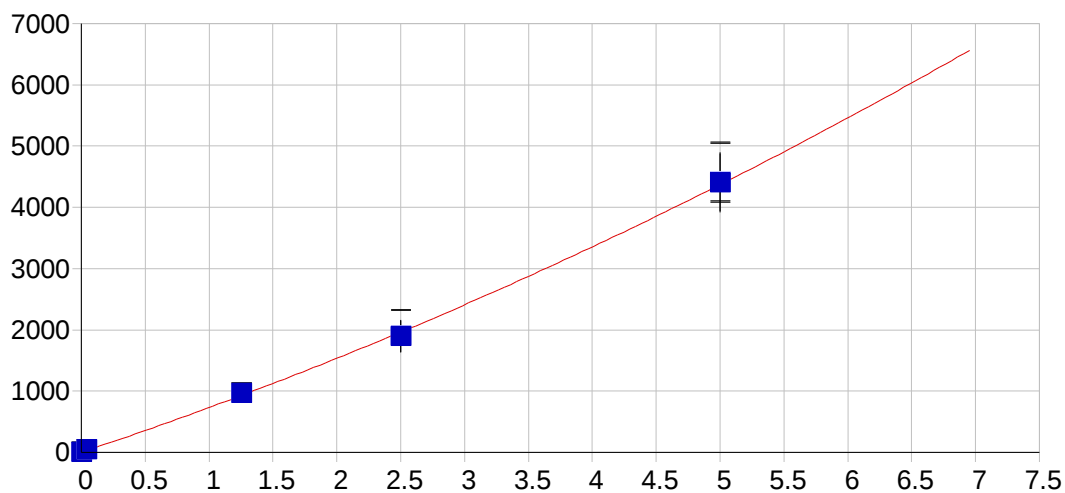
Weighting: 1/Conc

A0 (Offset): 1.376577
 A1 (Gain): 493.137405
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997822
 Std Error of Est: 0.793471
 Predicted MDL: 0.000186
 Predicted MQL: 0.000621

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	1.3744	.237	1
S1	.04000	.04799	.008	20.0	25.172	1.76	1
S3	1.2500	1.1758	-.074	-5.94	584.93	4.64	1
S4	2.5000	2.2901	-.210	-8.40	1138.2	158.	1
S5	5.0000	5.2761	.276	5.52	2618.1	295.	1

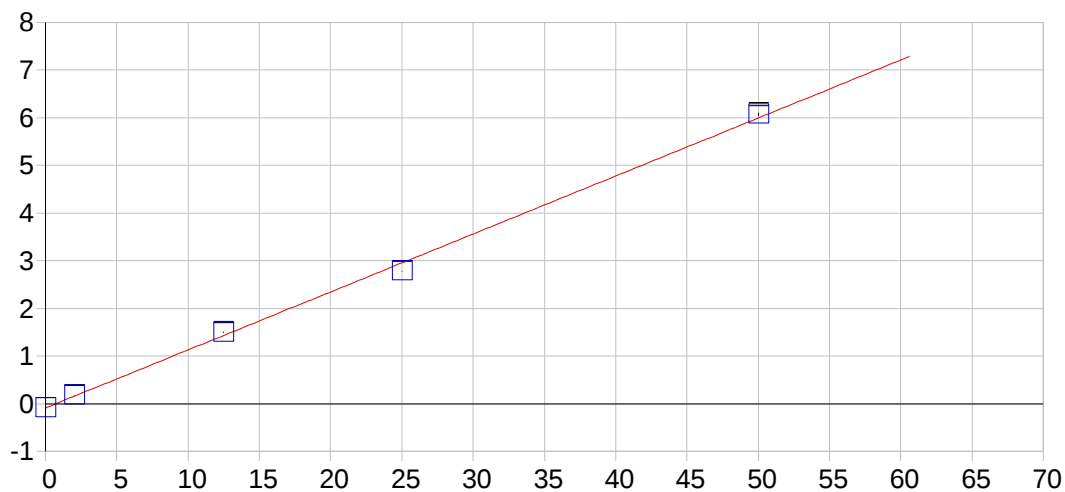


Zn 213.856 {458}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 1.317423 Re-Slope: 1.000000
 A1 (Gain): 695.843026 Y-int: 0.000000
 A2 (Curvature): 35.645848
 n (Exponent): 1.000000
 Correlation: 0.999499 Status: Warning Positive Curvature
 Std Error of Est: 0.783165
 Predicted MDL: 0.000058
 Predicted MQL: 0.000194

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	1.3063	.049	1
S1	.04000	.05576	.016	39.4	40.410	2.86	1
S3	1.2500	1.2923	.042	3.39	965.38	9.07	1
S4	2.5000	2.4176	-.082	-3.30	1902.4	263.	1
S5	5.0000	5.0261	.026	.522	4420.2	478.	1



K 766.490 {44}

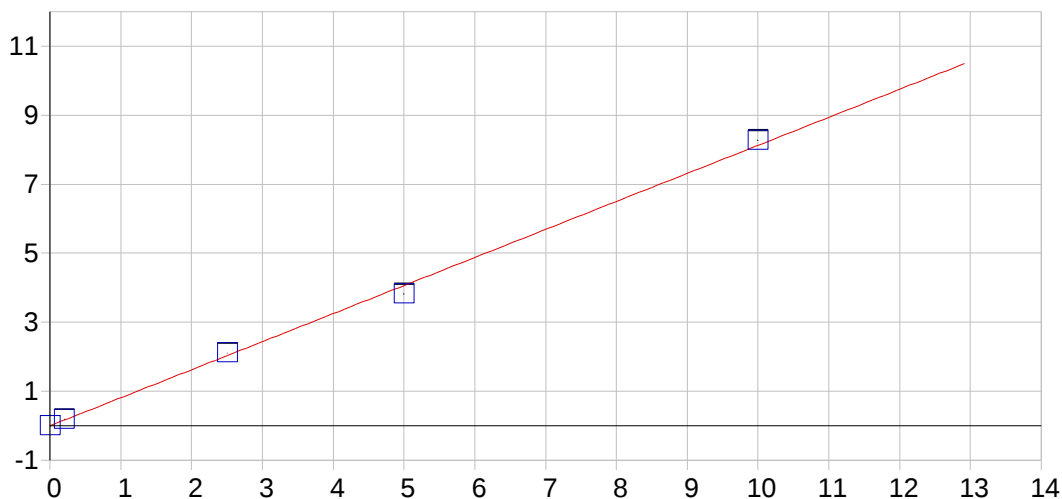
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.089294 Re-Slope: 1.000000
 A1 (Gain): 0.121697 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999296
 Std Error of Est: 0.002493
 Predicted MDL: 0.037716
 Predicted MQL: 0.125718

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1818	.182	9.09	.17623	.005	1
S0	.00000	-.00018	-.000	.000	-.08932	.003	1
S3	12.500	13.041	.541	4.32	1.4977	.010	1
S4	25.000	23.610	-1.39	-5.56	2.7840	.007	1
S5	50.000	50.667	.667	1.33	6.0768	.033	1



Mo 202.030 {467}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

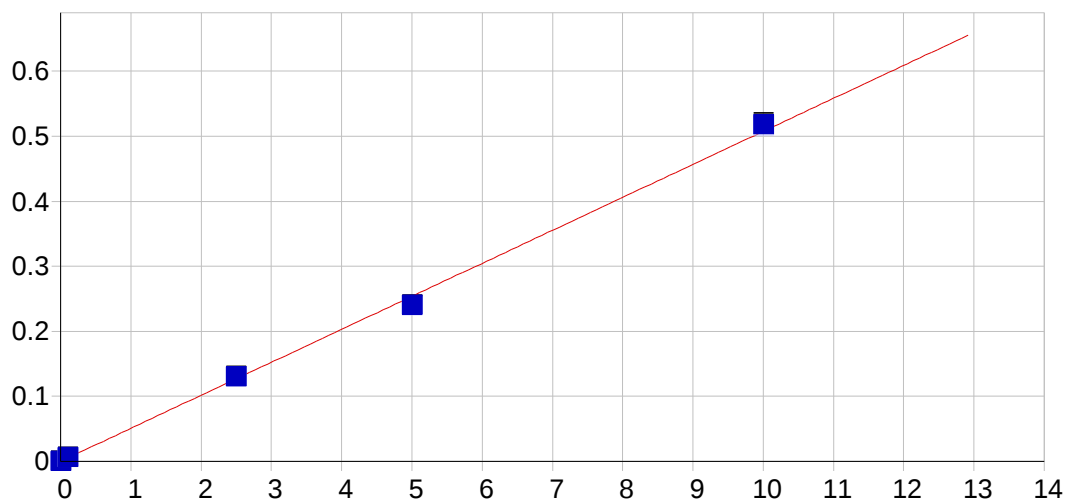
Weighting: 1/Conc

A0 (Offset): -0.000203
 A1 (Gain): 0.812673
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999205
 Std Error of Est: 0.002489
 Predicted MDL: 0.000280
 Predicted MQL: 0.000935

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00022	.000	1
S1	.20000	.22638	.026	13.2	.18377	.001	1
S3	2.5000	2.5929	.093	3.72	2.1070	.003	1
S4	5.0000	4.7002	-.300	-6.00	3.8195	.016	1
S5	10.000	10.180	.180	1.80	8.2732	.024	1

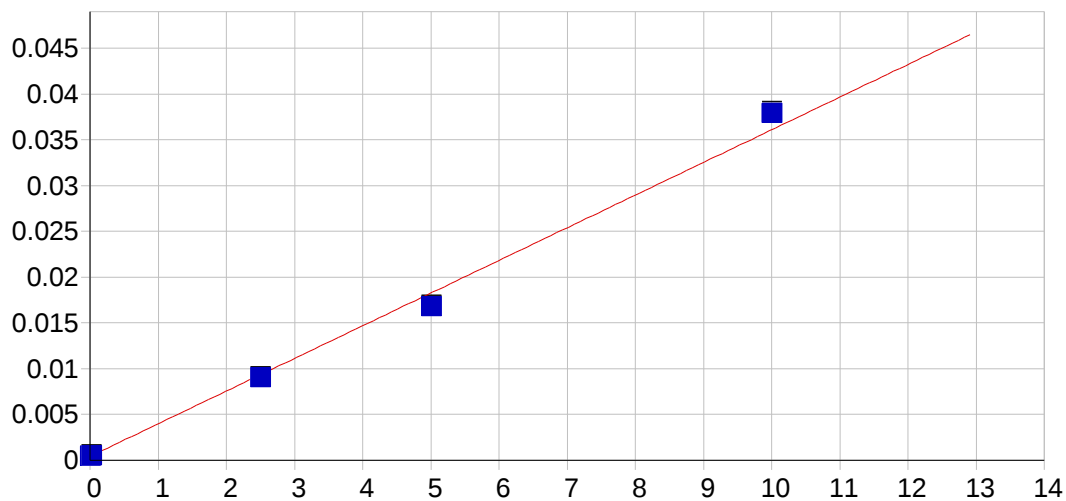


B 249.678 {135}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000164 Re-Slope: 1.000000
 A1 (Gain): 0.050737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999316 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.008871
 Predicted MQL: 0.029571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00016	.000	1
S1	.10000	.11772	.018	17.7	.00611	.000	1
S3	2.5000	2.5668	.067	2.67	.13010	.000	1
S4	5.0000	4.7229	-.277	-5.54	.23920	.001	1
S5	10.000	10.193	.193	1.93	.51612	.003	1



S 182.034 {485}

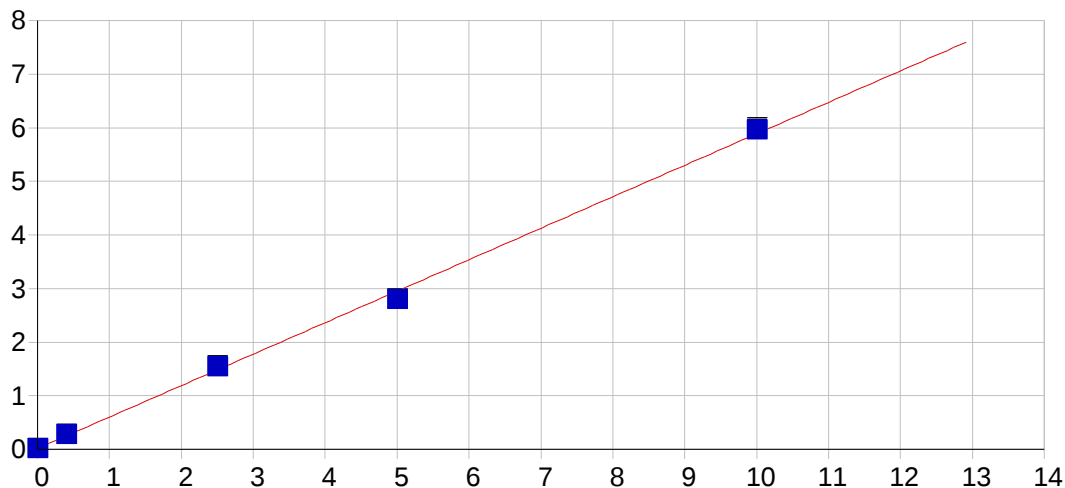
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000427 Re-Slope: 1.000000
 A1 (Gain): 0.003567 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998199
 Std Error of Est: 0.000005
 Predicted MDL: 0.027878
 Predicted MQL: 0.092928

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.02000	.02094	.001	4.71	.00050	.000	1
S3	2.5000	2.4069	-.093	-3.72	.00900	.000	1
S4	5.0000	4.5871	-.413	-8.26	.01677	.000	1
S5	10.000	10.505	.505	5.05	.03786	.000	1

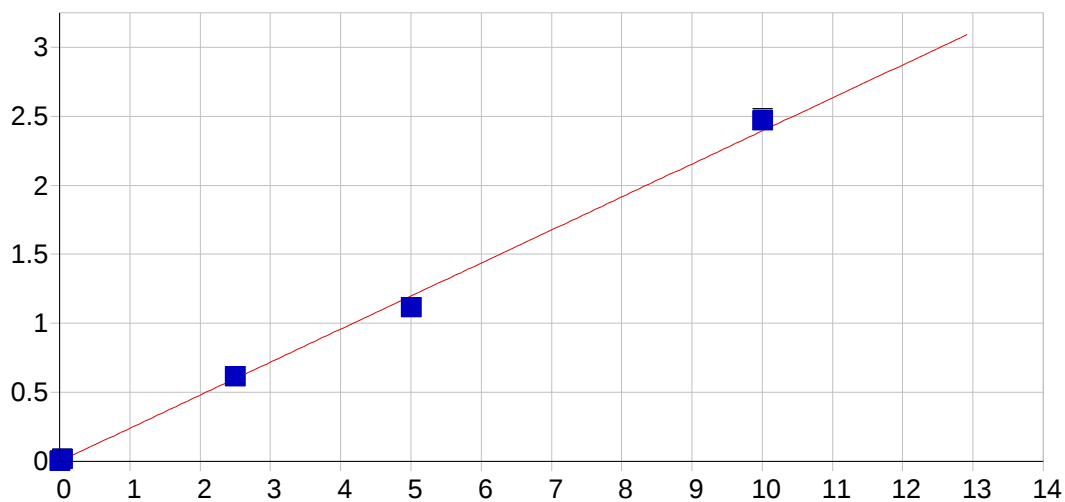


Si 288.158 {117}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013968 Re-Slope: 1.000000
 A1 (Gain): 0.587228 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999367 Status: OK.
 Std Error of Est: 0.002281
 Predicted MDL: 0.002594
 Predicted MQL: 0.008647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01394	.002	1
S1	.40000	.44349	.043	10.9	.27420	.002	1
S3	2.5000	2.5901	.090	3.61	1.5342	.019	1
S4	5.0000	4.7434	-.257	-5.13	2.7979	.012	1
S5	10.000	10.123	.123	1.23	5.9554	.041	1

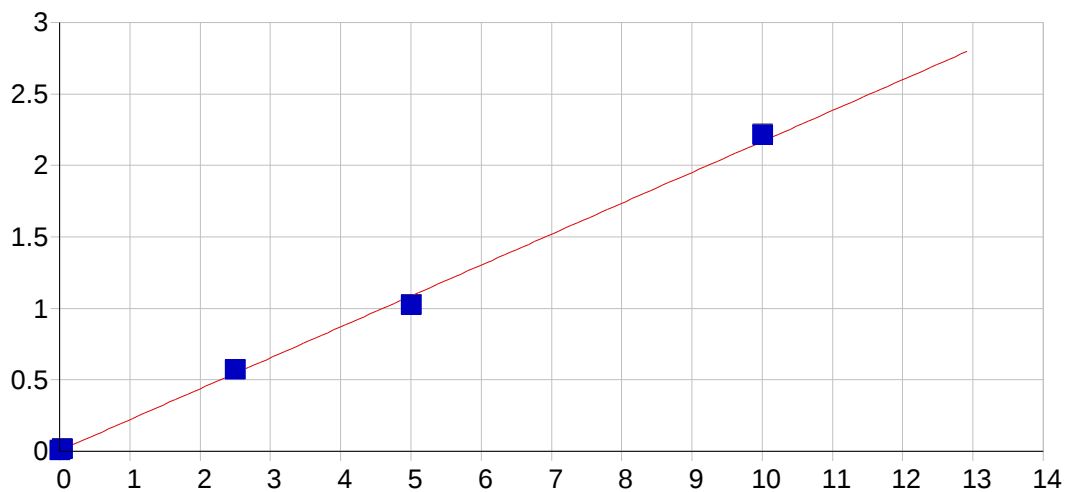


Sn 189.989 {477}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001070 Re-Slope: 1.000000
 A1 (Gain): 0.239279 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998965 Status: OK.
 Std Error of Est: 0.000372
 Predicted MDL: 0.000632
 Predicted MQL: 0.002106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00107	.000	1
S1	.04000	.04527	.005	13.2	.01190	.000	1
S3	2.5000	2.5518	.052	2.07	.61176	.002	1
S4	5.0000	4.6424	-.358	-7.15	1.1121	.003	1
S5	10.000	10.301	.301	3.01	2.4662	.013	1



Ti 336.121 {100}

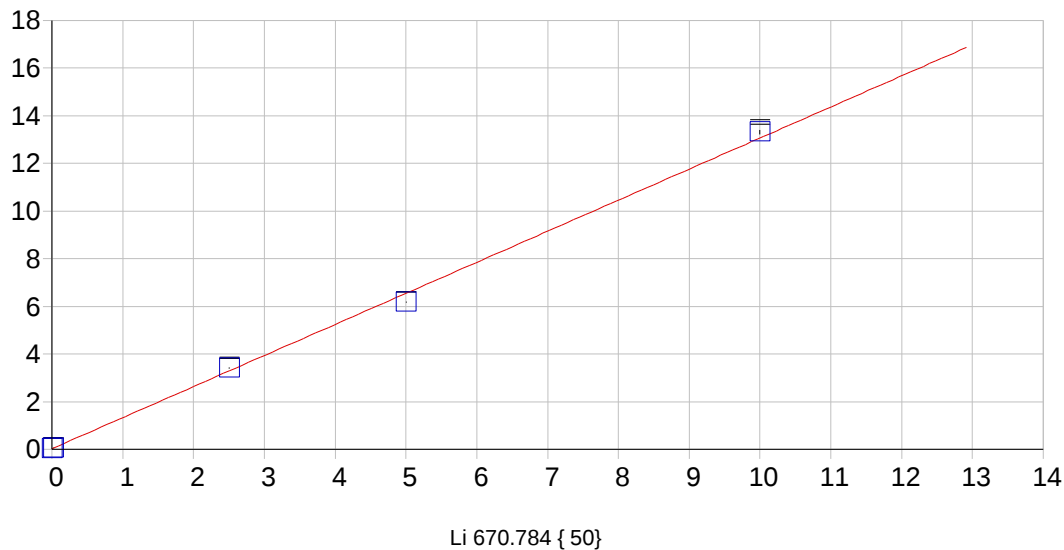
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005237 Re-Slope: 1.000000
 A1 (Gain): 0.216235 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999187
 Std Error of Est: 0.000298
 Predicted MDL: 0.003523
 Predicted MQL: 0.011744

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00524	.001	1
S1	.04000	.04787	.008	19.7	.01558	.001	1
S3	2.5000	2.6032	.103	4.13	.56807	.003	1
S4	5.0000	4.6926	-.307	-6.15	1.0198	.005	1
S5	10.000	10.196	.196	1.96	2.2098	.007	1



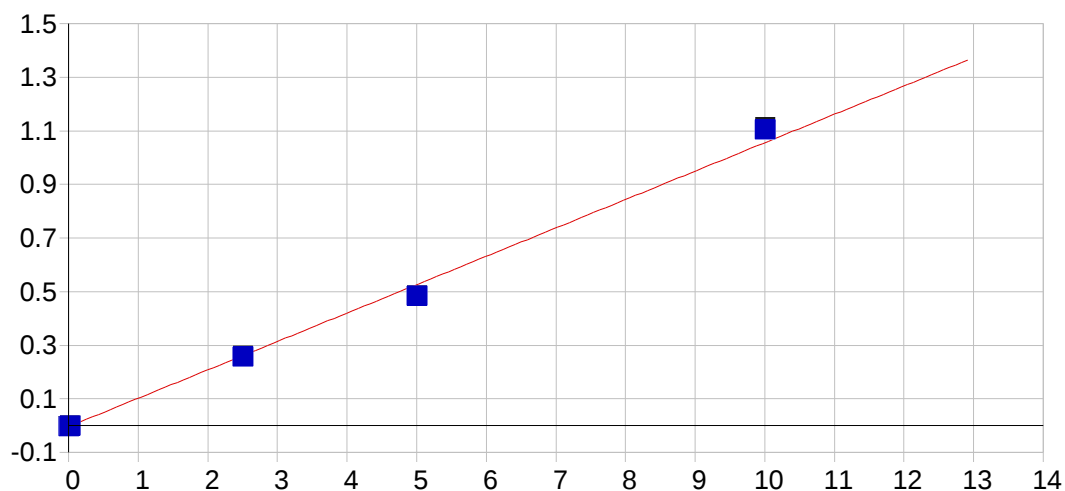
Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025151
 A1 (Gain): 1.304204
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999339
 Std Error of Est: 0.001146
 Predicted MDL: 0.003104
 Predicted MQL: 0.010346

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02515	.001	1
S1	.02000	.01950	-.001	-2.51	.05058	.004	1
S3	2.5000	2.5930	.093	3.72	3.4069	.023	1
S4	5.0000	4.7166	-.283	-5.67	6.1766	.008	1
S5	10.000	10.191	.191	1.91	13.316	.088	1



P 177.495 {490}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003968 Re-Slope: 1.000000
 A1 (Gain): 0.105943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998431 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.001412
 Predicted MQL: 0.004707

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00397	.000	1
S1	.02000	.01816	-.002	-9.21	-.00205	.000	1
S3	2.5000	2.4526	-.047	-1.90	.25549	.001	1
S4	5.0000	4.5933	-.407	-8.13	.48189	.000	1
S5	10.000	10.456	.456	4.56	1.1022	.006	1



Y 224.306 {450}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

Status: Warning Zero Gain

$$Y\ 360.073\ \{94\}^*$$

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

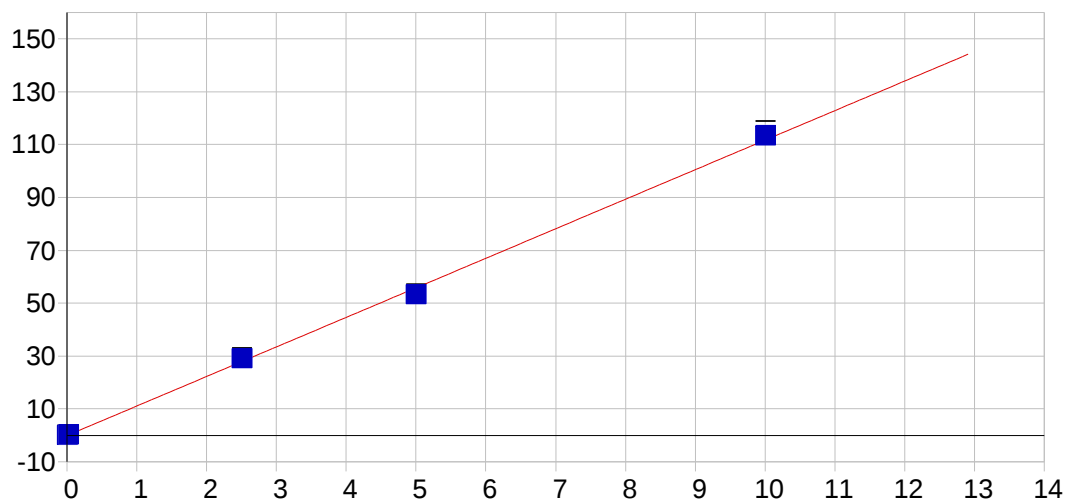
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008622

Re-Slope: 1.000000

A1 (Gain): 11.173936

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999508

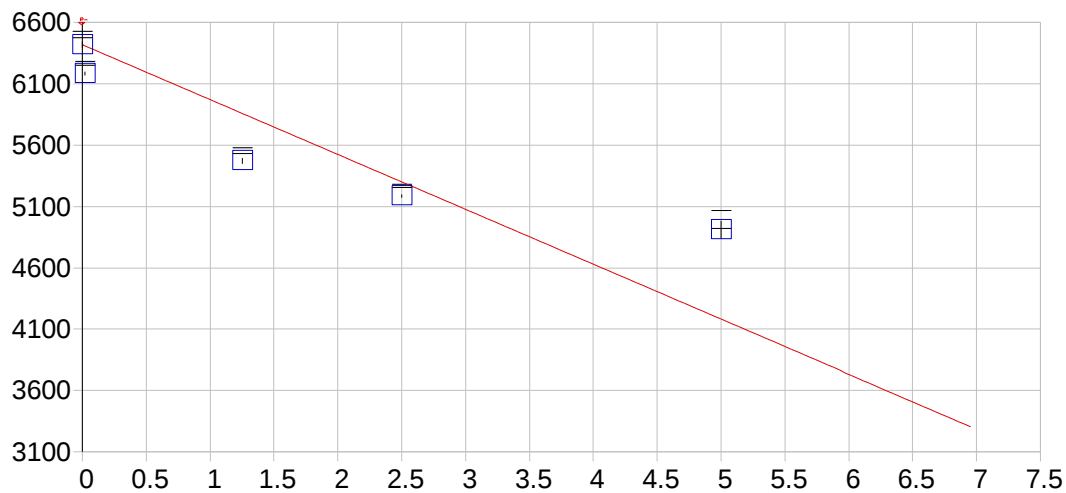
Status: OK.

Std Error of Est: 0.008477

Predicted MDL: 0.000134

Predicted MQL: 0.000447

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00864	.002	1
S1	.02000	.02173	.002	8.65	.23541	.000	1
S3	2.5000	2.5973	.097	3.89	29.044	.193	1
S4	5.0000	4.7613	-.239	-4.77	53.255	.094	1
S5	10.000	10.140	.140	1.40	113.41	1.78	1



Date of Fit: 1/28/2019 14:19:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 6419.227652

Re-Slope: 1.000000

A1 (Gain): -447.794001

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.618073

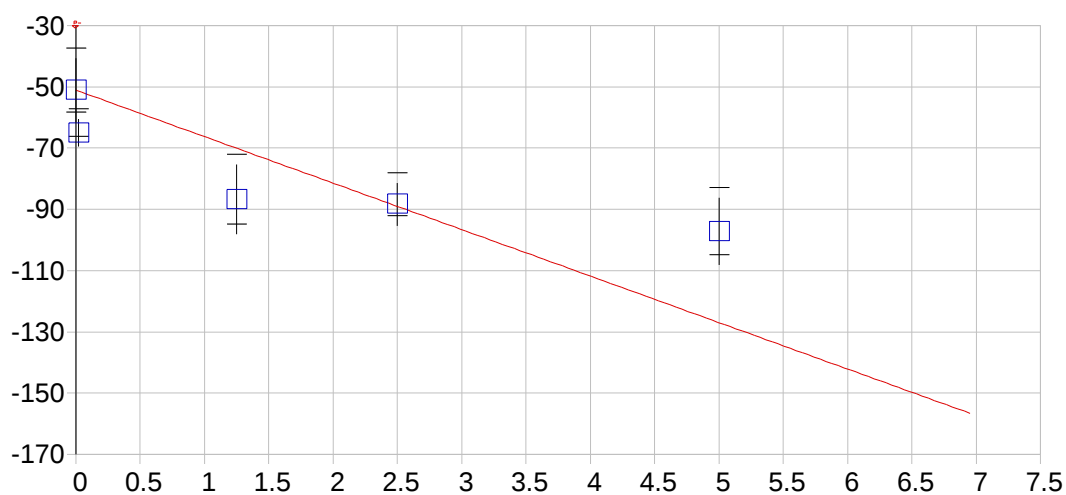
Status: Warning Negative Gain

Std Error of Est: 9.732746

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00052	-.001	.000	6419.5	24.8	1
S1	.02000	.53028	.510	2550.	6181.8	15.9	1
S3	1.2500	2.1131	.863	69.0	5473.0	24.4	1
S4	2.5000	2.7568	.257	10.3	5184.7	14.0	1
S5	5.0000	3.3698	-1.63	-32.6	4910.3	71.2	1



U 385.958 { 87}

Date of Fit: 1/28/2019 14:19:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -51.083728 Re-Slope: 1.000000

A1 (Gain): -15.174669 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.414416

Status: Warning Negative Gain

Std Error of Est: 0.569474

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00091	-.001	.000	-51.070	10.5	1
S1	.02000	.92018	.900	4500.	-65.047	4.50	1
S3	1.2500	2.3503	1.10	88.0	-86.749	11.4	1
S4	2.5000	2.4580	-.042	-1.68	-88.384	7.02	1
S5	5.0000	3.0415	-1.96	-39.2	-97.237	11.0	1

Sample Name: S0 Acquired: 1/28/2019 11:42:56 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.00020	-.00003	.00739	-.00047	.00132	.00023	.16654	.00015
Stddev	.00006	.00012	.00025	.00023	.00008	.00010	.00154	.00000
%RSD	30.644	473.70	3.3410	49.424	5.7656	42.590	.92756	2.2970

#1	.00026	.00007	.00711	-.00029	.00127	.00013	.16810	.00015
#2	.00015	-.00017	.00753	-.00038	.00141	.00033	.16501	.00015
#3	.00017	.00002	.00753	-.00073	.00129	.00024	.16650	.00015

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	-.00195	.00073	-.00031	.00019	.00029	-.16504	.00004	.00076
Stddev	.00010	.00053	.00005	.00033	.00043	.17434	.00002	.00018
%RSD	5.2591	72.877	16.519	174.77	149.40	105.64	59.130	24.094

#1	-.00196	.00091	-.00033	.00016	.00021	.02189	.00007	.00097
#2	-.00184	.00013	-.00035	.00053	-.00010	-.32321	.00002	.00069
#3	-.00204	.00114	-.00025	-.00013	.00074	-.19379	.00003	.00063

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00583	-.00002	.07004	.00016	1.3063	-.08932	-.00022	.00016
Stddev	.00031	.00021	.00298	.00005	.0492	.00252	.00010	.00015
%RSD	5.3693	1093.6	4.2560	28.852	3.7650	2.8189	42.736	91.796

#1	-.00617	.00020	.06667	.00017	1.2514	-.09159	-.00015	.00001
#2	-.00557	-.00021	.07233	.00020	1.3463	-.08974	-.00033	.00017
#3	-.00574	-.00005	.07113	.00011	1.3212	-.08661	-.00019	.00031

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00043	.01394	.00107	.00524	.02515	-.0040	-.00864	6419.5
Stddev	.00002	.00175	.00011	.00054	.00087	.0001	.00178	24.8
%RSD	3.8240	12.532	10.168	10.260	3.4654	3.112	20.560	.38696

#1	.00041	.01334	.00098	.00539	.02523	-.0041	-.00727	6444.7
#2	.00044	.01258	.00119	.00568	.02424	-.0039	-.01065	6395.0
#3	.00043	.01591	.00103	.00464	.02598	-.0039	-.00801	6418.7

Sample Name: S0 Acquired: 1/28/2019 11:42:56 Type: Cal
 Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-51.070
Stddev	10.472
%RSD	20.505

#1	-61.378
#2	-51.390
#3	-40.442

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.6	44961.	3451.3	8.8417	4008.6
Stddev	4.0	151.	11.5	.4035	10.1
%RSD	.10873	.33522	.33435	4.5633	.25202

#1	3638.7	44826.	3440.2	9.1364	4018.0
#2	3642.6	44933.	3450.6	8.3818	3997.9
#3	3634.6	45123.	3463.2	9.0068	4010.0

Sample Name: S1 Acquired: 1/28/2019 11:47:22 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.00129	.00505	.01207	.00096	.00929	.00110	.27190	.00690
Stddev	.00012	.00020	.00025	.00014	.00027	.00003	.00170	.00010
%RSD	9.2894	4.0611	2.0386	14.824	2.8791	2.8942	.62516	1.4561

#1	.00126	.00495	.01233	.00087	.00938	.00113	.27004	.00697
#2	.00142	.00528	.01184	.00113	.00950	.00106	.27338	.00679
#3	.00119	.00491	.01206	.00090	.00899	.00110	.27228	.00695

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01875	.00225	.04233	.01669	.15231	.03601	.02835	.00223
Stddev	.00025	.00007	.00021	.00017	.07301	.00007	.00008	.00005
%RSD	1.3447	3.1816	.50246	1.0373	47.933	.18565	.28696	2.4243

#1	.01904	.00230	.04248	.01665	.17389	.03593	.02834	.00219
#2	.01865	.00227	.04243	.01655	.21209	.03607	.02844	.00221
#3	.01856	.00217	.04209	.01688	.07094	.03602	.02828	.00230

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01266	40.410	.18377	.00611	.00050	.27420	.01190	.01558
Stddev	.00002	2.857	.00079	.00017	.00005	.00231	.00012	.00106
%RSD	.18663	7.0688	.43199	2.7964	9.8805	.84373	1.0206	6.8083

#1	.01266	43.527	.18290	.00612	.00055	.27676	.01189	.01523
#2	.01264	37.917	.18445	.00629	.00050	.27224	.01203	.01474
#3	.01269	39.785	.18396	.00594	.00045	.27361	.01179	.01677

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05058	-.0021	.23541	6181.8	-65.047
Stddev	.00387	.0001	.00019	15.9	4.496
%RSD	7.6485	6.734	.08097	.25758	6.9121

#1	.04936	-.0019	.23547	6186.0	-60.481
#2	.05491	-.0022	.23556	6195.2	-69.469
#3	.04747	-.0021	.23519	6164.2	-65.191

Sample Name: S1 Acquired: 1/28/2019 11:47:22 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.9	44349.	3435.7	8.6023	3919.5
Stddev	20.3	47.	25.4	.6335	19.9
%RSD	.56538	.10542	.73840	7.3646	.50711
#1	3592.4	44360.	3407.1	7.9205	3907.3
#2	3577.5	44297.	3444.6	9.1727	3908.8
#3	3617.7	44389.	3455.4	8.7136	3942.5

Sample Name: S2 Acquired: 1/28/2019 11:52:27 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10597	.01996	.78022	.17623
Stddev	.00108	.00065	.00569	.00482
%RSD	1.0233	3.2682	.72923	2.7334

#1	.10573	.01998	.77885	.17389
#2	.10503	.01930	.78648	.18177
#3	.10715	.02061	.77535	.17302

Int. Std.	Y_3710
Units	Cts/S
Avg	3445.3
Stddev	43.6
%RSD	1.2653

#1	3396.8
#2	3481.2
#3	3457.9

Sample Name: S3 Acquired: 1/28/2019 11:56:43 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.14754	.28028	.83092	.17314	.34992	.03677	4.7566	.13334
Stddev	.00046	.00039	.00123	.00041	.00069	.00020	.0310	.00026
%RSD	.31488	.13745	.14744	.23528	.19811	.55233	.65158	.19139
#1	.14807	.28064	.83233	.17335	.35062	.03669	4.7275	.13363
#2	.14721	.27987	.83022	.17339	.34991	.03662	4.7892	.13325
#3	.14734	.28032	.83020	.17267	.34923	.03700	4.7533	.13315
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	4.2381	.64845	.11693	1.4965	.46345	7.8575	1.9500	.11429
Stddev	.0089	.00448	.00021	.0007	.00051	.3190	.0026	.00054
%RSD	.21041	.69144	.18379	.04541	.11038	4.0600	.13129	.47406
#1	4.2484	.64470	.11706	1.4969	.46372	8.1030	1.9506	.11397
#2	4.2332	.65341	.11705	1.4969	.46378	7.4969	1.9523	.11491
#3	4.2327	.64722	.11668	1.4957	.46286	7.9725	1.9472	.11398
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.93223	.13156	4.3516	.33977	965.38	1.4977	2.1070	.13010
Stddev	.00114	.00049	.0129	.00033	9.07	.0104	.0034	.00025
%RSD	.12225	.37383	.29590	.09756	.93909	.69263	.16143	.19127
#1	.93326	.13126	4.3381	.34005	973.92	1.4865	2.1109	.13025
#2	.93100	.13128	4.3637	.33985	966.35	1.5070	2.1053	.13023
#3	.93243	.13212	4.3529	.33940	955.86	1.4995	2.1048	.12981
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00900	1.5342	.61176	.56807	3.4069	.2555	29.044	5473.0
Stddev	.00006	.0189	.00182	.00261	.0228	.0012	.193	24.4
%RSD	.61365	1.2347	.29814	.45986	.66929	.4887	.66548	.44545
#1	.00898	1.5323	.61290	.56508	3.3914	.2569	28.850	5445.1
#2	.00907	1.5540	.60966	.56985	3.4331	.2546	29.237	5483.8
#3	.00897	1.5163	.61272	.56929	3.3962	.2549	29.045	5490.1

Sample Name: S3 Acquired: 1/28/2019 11:56:43 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-86.749
Stddev	11.354
%RSD	13.089

#1	-77.555
#2	-83.250
#3	-99.440

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.3	42446.	3380.0	8.8130	3639.5
Stddev	8.4	55.	32.7	.0958	7.8
%RSD	.24140	.12973	.96677	1.0875	.21420

#1	3487.6	42389.	3388.4	8.7271	3632.0
#2	3491.6	42451.	3343.9	8.7956	3638.9
#3	3503.8	42499.	3407.6	8.9164	3647.6

Sample Name: S4 Acquired: 1/28/2019 12:00:45 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.27162	.51088	1.5137	.31767	.63932	.06763	8.5280	.24196
Stddev	.00103	.00106	.0018	.00126	.00225	.00030	.0135	.00008
%RSD	.37978	.20730	.11910	.39797	.35220	.44537	.15877	.03175

#1	.27279	.50972	1.5117	.31875	.64186	.06734	8.5306	.24196
#2	.27122	.51180	1.5151	.31798	.63852	.06761	8.5400	.24188
#3	.27085	.51110	1.5143	.31628	.63757	.06794	8.5133	.24204

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	7.8036	1.1801	.21332	2.7411	.83409	15.742	3.5078	.20486
Stddev	.0065	.0083	.00022	.0042	.00375	2.336	.0026	.00099
%RSD	.08288	.70486	.10153	.15309	.45000	14.840	.07316	.48262

#1	7.7987	1.1706	.21325	2.7377	.83817	13.153	3.5069	.20592
#2	7.8013	1.1839	.21356	2.7399	.83332	17.693	3.5107	.20397
#3	7.8110	1.1859	.21315	2.7458	.83079	16.380	3.5058	.20467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7036	.23688	7.8142	.61302	1902.4	2.7840	3.8195	.23920
Stddev	.0031	.00030	.0278	.00072	263.5	.0070	.0157	.00071
%RSD	.18042	.12672	.35614	.11716	13.849	.25242	.41172	.29650

#1	1.7012	.23704	7.8314	.61351	1611.2	2.7832	3.8362	.23994
#2	1.7070	.23706	7.8292	.61335	2124.3	2.7914	3.8174	.23852
#3	1.7024	.23653	7.7821	.61219	1971.7	2.7774	3.8050	.23913

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01677	2.7979	1.1121	1.0198	6.1766	.4819	53.255	5184.7
Stddev	.00015	.0117	.0026	.0049	.0075	.0001	.094	14.0
%RSD	.88910	.41711	.23479	.47773	.12201	.0307	.17706	.27049

#1	.01660	2.8074	1.1091	1.0253	6.1679	.4820	53.169	5197.4
#2	.01689	2.8013	1.1140	1.0182	6.1805	.4819	53.356	5169.7
#3	.01682	2.7849	1.1132	1.0159	6.1814	.4817	53.241	5187.1

Sample Name: S4 Acquired: 1/28/2019 12:00:45 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-88.384
Stddev	7.025
%RSD	7.9480

#1	-93.881
#2	-90.800
#3	-80.470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.1	41648.	3354.1	8.0891	3508.4
Stddev	20.9	72.	16.7	1.1791	6.3
%RSD	.60957	.17250	.49732	14.577	.17877

#1	3405.5	41638.	3339.9	9.4084	3507.1
#2	3425.5	41724.	3349.9	7.1380	3502.8
#3	3447.3	41581.	3372.5	7.7209	3515.2

Sample Name: S5 Acquired: 1/28/2019 12:04:47 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.59932	1.1193	3.3566	.70022	1.4072	.15075	18.371	.53131
Stddev	.00232	.0031	.0139	.00230	.0056	.00068	.113	.00141
%RSD	.38678	.27934	.41476	.32908	.39615	.44887	.61648	.26458
#1	.59667	1.1164	3.3433	.69776	1.4008	.15002	18.351	.53288
#2	.60099	1.1191	3.3555	.70059	1.4110	.15089	18.492	.53088
#3	.60030	1.1226	3.3711	.70232	1.4098	.15135	18.269	.53017
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	17.474	2.5298	.46378	6.1276	1.7898	37.485	7.4826	.43803
Stddev	.070	.0160	.00241	.0282	.0063	4.488	.0666	.00200
%RSD	.40343	.63439	.52008	.46069	.34919	11.973	.88983	.45717
#1	17.401	2.5265	.46651	6.1023	1.7827	32.383	7.5191	.43732
#2	17.480	2.5472	.46192	6.1224	1.7926	40.820	7.5229	.43648
#3	17.542	2.5157	.46292	6.1580	1.7942	39.253	7.4057	.44029
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7869	.52149	16.755	1.3361	4420.2	6.0768	8.2732	.51612
Stddev	.0166	.00045	.065	.0018	477.8	.0329	.0238	.00297
%RSD	.43873	.08670	.38704	.13145	10.809	.54212	.28795	.57631
#1	3.7701	.52123	16.720	1.3374	3877.5	6.0802	8.2459	.51606
#2	3.7873	.52124	16.830	1.3368	4777.5	6.1079	8.2842	.51912
#3	3.8033	.52202	16.715	1.3341	4605.6	6.0423	8.2895	.51317
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03786	5.9554	2.4662	2.2098	13.316	1.102	113.41	4910.3
Stddev	.00016	.0411	.0132	.0069	.088	.006	1.78	71.2
%RSD	.43109	.69079	.53646	.31215	.66381	.5265	1.5729	1.4507
#1	.03774	5.9833	2.4531	2.2081	13.270	1.100	112.00	4828.3
#2	.03805	5.9747	2.4659	2.2173	13.418	1.098	115.42	4957.0
#3	.03780	5.9081	2.4796	2.2038	13.261	1.109	112.83	4945.5

Sample Name: S5 Acquired: 1/28/2019 12:04:47 Type: Cal
Method: P4-ICP2(v2794) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-97.237
Stddev	11.010
%RSD	11.322

#1	-89.621
#2	-109.86
#3	-92.231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.8	40013.	3345.2	7.2626	3245.0
Stddev	9.9	173.	25.1	.8316	13.4
%RSD	.30117	.43286	.74918	11.451	.41244

#1	3298.9	39814.	3328.0	8.2120	3258.2
#2	3284.8	40130.	3333.7	6.6633	3245.2
#3	3279.9	40094.	3374.0	6.9124	3231.5

Sample Name: ICV01 Acquired: 1/28/2019 12:18:24 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0051	1.0134	1.0039	1.0047	1.0035	2.5935	F .52598
Stddev	.0057	.0042	.0021	.0029	.0059	.0257	.00177
%RSD	.56457	.41370	.20950	.28773	.58751	.98996	.33700

#1	1.0050	1.0160	1.0036	1.0072	1.0099	2.5797	.52394
#2	.99947	1.0086	1.0020	1.0053	1.0024	2.5777	.52691
#3	1.0108	1.0157	1.0062	1.0015	.99822	2.6232	.52711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49195	F .52144	F 10.626	F .51646	.50072	F .52396	F 4.5899
Stddev	.00030	.00104	.022	.00117	.00149	.00078	.3031
%RSD	.06118	.19933	.20250	.22579	.29782	.14905	6.6044

#1	.49227	.52263	10.609	.51648	.50052	.52310	4.2594
#2	.49190	.52070	10.619	.51761	.49933	.52417	4.6553
#3	.49167	.52100	10.650	.51528	.50230	.52462	4.8550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .52539	6.1279	.50208	.48302	10.218	.50471	1.0357
Stddev	.00058	.0669	.00107	.00095	.110	.00210	.0641
%RSD	.11033	1.0915	.21288	.19621	1.0788	.41703	6.1846

#1	.52604	6.0519	.50259	.48336	10.135	.50481	.96222
#2	.52491	6.1779	.50085	.48195	10.343	.50675	1.0654
#3	.52524	6.1538	.50280	.48376	10.174	.50255	1.0796

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.358	2.5502	2.5640	F 2.3520	2.5026	2.4923	2.5907
Stddev	.024	.0049	.0249	.0401	.0285	.0065	.0133
%RSD	.22937	.19079	.97091	1.7027	1.1376	.25938	.51424

#1	10.335	2.5523	2.5353	2.3563	2.4862	2.4987	2.5790
#2	10.357	2.5537	2.5779	2.3100	2.5354	2.4858	2.6052
#3	10.383	2.5447	2.5789	2.3898	2.4860	2.4923	2.5879

Sample Name: ICV01 Acquired: 1/28/2019 12:18:24 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.5947	F 2.358	2.4405	F 2.9176	F<.00000
Stddev	.0276	.009	.0210	.0372	.44853
%RSD	1.0653	.3730	.85888	1.2745	14.712
#1	2.5715	2.364	2.4277	2.9506	-3.4982
#2	2.6253	2.348	2.4647	2.9249	-3.0472
#3	2.5872	2.363	2.4291	2.8773	-2.6011
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.3	41982.	3363.9	8.7747	3677.5
Stddev	11.5	140.	41.9	.5839	9.1
%RSD	.33064	.33375	1.2442	6.6541	.24729
#1	3460.6	41874.	3375.4	9.4463	3669.2
#2	3458.9	41932.	3317.5	8.4899	3676.0
#3	3479.5	42141.	3398.8	8.3879	3687.2

Sample Name: LLICV01 Acquired: 1/28/2019 12:27:38 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01680	.03705	.01060	.01754	.04426	.10263	.10269	.00545
Stddev	.00261	.00209	.00161	.00126	.00330	.00888	.00836	.00003
%RSD	15.544	5.6323	15.206	7.1985	7.4583	8.6555	8.1426	.52567
#1	.01980	.03929	.01172	.01747	.04541	.11074	.09709	.00543
#2	.01508	.03670	.01133	.01632	.04684	.09313	.11231	.00543
#3	.01551	.03516	.00875	.01884	.04054	.10402	.09868	.00548
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00517	1.9066	.00969	.02741	.01787	.11801	.01997	1.9323
Stddev	.00030	.0283	.00048	.00162	.00139	.06418	.00009	.0599
%RSD	5.7597	1.4855	4.9943	5.9232	7.8012	54.385	.45421	3.0985
#1	.00538	1.9231	.00937	.02854	.01829	.05267	.02006	1.9888
#2	.00529	1.9228	.01025	.02814	.01901	.18096	.01997	1.9384
#3	.00483	1.8739	.00944	.02555	.01632	.12041	.01988	1.8696
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03607	.00881	1.8142	.03822	.04765	1.8457	.17666	.08886
Stddev	.00214	.00017	.0101	.00037	.00679	.0177	.01060	.00434
%RSD	5.9365	1.9463	.55688	.97286	14.243	.95946	5.9993	4.8790
#1	.03716	.00887	1.8147	.03846	.05019	1.8266	.18365	.08743
#2	.03744	.00895	1.8038	.03841	.03996	1.8489	.18186	.09372
#3	.03360	.00862	1.8240	.03779	.05279	1.8616	.16446	.08541
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02806	.36953	.03547	.04637	.01627	F .0133	.01877	F 2.5211
Stddev	.01091	.00712	.00285	.00228	.00163	.0015	.00020	.0665
%RSD	38.875	1.9255	8.0312	4.9145	9.9992	11.16	1.0607	2.6394
#1	.04033	.37485	.03579	.04831	.01504	.0149	.01876	2.4444
#2	.01945	.37229	.03815	.04386	.01811	.0131	.01898	2.5553
#3	.02440	.36144	.03248	.04695	.01566	.0120	.01858	2.5635

Sample Name: LLICV01 Acquired: 1/28/2019 12:27:38 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .69741
Stddev	.48460
%RSD	69.486

#1	.92483
#2	1.0265
#3	.14093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.8	43100.	3385.3	7.9189	4018.2
Stddev	163.7	130.	49.1	1.2531	184.2
%RSD	4.5107	.30134	1.4493	15.824	4.5843

#1	3518.1	43229.	3365.2	7.5023	3915.2
#2	3553.4	42969.	3349.5	9.3273	3908.5
#3	3817.7	43101.	3441.3	6.9273	4230.9

Sample Name: ICB01 Acquired: 1/28/2019 12:36:30 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00029	-.00037	-.00120	-.00289	.01584	.00846	.00004
Stddev	.00335	.00071	.00019	.00296	.00063	.01289	.00376	.00010
%RSD	1927.7	243.43	51.813	246.70	21.739	81.381	44.414	278.38
#1	-.00326	-.00111	-.00015	.00133	-.00308	.00111	.00572	-.00004
#2	-.00065	.00012	-.00050	-.00048	-.00340	.02136	.01274	.00016
#3	.00339	.00012	-.00047	-.00446	-.00219	.02504	.00692	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00780	.00019	.00011	-.00030	-.00024	-.00001	-.00842
Stddev	.00005	.01306	.00044	.00010	.00067	.02125	.00007	.05386
%RSD	307.63	167.46	229.96	85.710	220.39	8712.5	1205.6	639.92
#1	.00001	-.02083	.00063	.00000	-.00005	-.02200	.00004	-.05852
#2	-.00008	.00529	.00017	.00016	.00020	.00080	.00003	-.01526
#3	.00002	-.00786	-.00024	.00018	-.00107	.02047	-.00008	.04853
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00058	-.07521	-.00008	-.00058	-.05693	.00020	.01439
Stddev	.00055	.00011	.01200	.00035	.00009	.03322	.00014	.00544
%RSD	437.73	19.506	15.949	434.73	15.649	58.359	69.847	37.830
#1	.00076	-.00046	-.07470	.00024	-.00063	-.03380	.00031	.01877
#2	-.00022	-.00068	-.08746	-.00045	-.00047	-.04199	.00025	.01610
#3	-.00016	-.00059	-.06348	-.00004	-.00063	-.09500	.00004	.00830
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00555	.00086	-.00074	.00626	-.00357	-.0005	-.00003	F 2.5259
Stddev	.02458	.00219	.00034	.00630	.00273	.0010	.00006	.0771
%RSD	442.85	254.65	46.418	100.73	76.497	178.4	175.56	3.0514
#1	.03253	-.00036	-.00102	-.00018	-.00618	.0004	-.00010	2.4374
#2	-.01556	-.00044	-.00036	.00653	-.00074	-.0015	.00002	2.5620
#3	-.00033	.00339	-.00084	.01242	-.00377	-.0005	-.00003	2.5783

Sample Name: ICB01 Acquired: 1/28/2019 12:36:30 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .29922
Stddev	.43783
%RSD	146.32

#1	.33996
#2	-.15756
#3	.71526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3517.8	43147.	3342.8	8.6485	3925.4
Stddev	5.0	118.	13.2	.2227	7.9
%RSD	.14138	.27360	.39476	2.5751	.20113

#1	3521.7	43219.	3354.0	8.6932	3917.2
#2	3512.2	43211.	3346.1	8.8455	3932.9
#3	3519.5	43011.	3328.2	8.4068	3926.1

Sample Name: CRI01 Acquired: 1/28/2019 12:43:24 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.01909	.04738	.01494	.02386	.05808	.10265	.12644
Stddev	.00288	.00056	.00106	.00170	.00214	.00140	.00711
%RSD	15.065	1.1785	7.1101	7.1333	3.6796	1.3612	5.6206

#1	.01820	.04787	.01559	.02270	.05830	.10111	.13465
#2	.01677	.04749	.01371	.02306	.06010	.10301	.12221
#3	.02231	.04677	.01551	.02581	.05585	.10383	.12247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.00601	2.3546	.01144	.03468	.02344	.12466
Stddev	.00004	.00006	.0187	.00023	.00044	.00051	.02327
%RSD	.59183	1.0797	.79268	1.9912	1.2745	2.1695	18.665

#1	.00657	.00607	2.3683	.01165	.03517	.02389	.12553
#2	.00653	.00594	2.3623	.01146	.03456	.02353	.10097
#3	.00650	.00602	2.3333	.01120	.03431	.02289	.14749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02465	2.3574	.04584	.01133	2.2359	.04709	.04115
Stddev	.00006	.0440	.00070	.00022	.0117	.00045	.00171
%RSD	.23237	1.8682	1.5287	1.9730	.52201	.94700	4.1539

#1	.02463	2.4045	.04661	.01153	2.2302	.04668	.04308
#2	.02460	2.3507	.04567	.01139	2.2493	.04704	.03983
#3	.02471	2.3171	.04524	.01109	2.2282	.04757	.04053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2218	.22192	.11810	.02018	.45932	.04444	.05191
Stddev	.0273	.00397	.01403	.00469	.00556	.00064	.00035
%RSD	1.2304	1.7884	11.881	23.231	1.2099	1.4384	.67835

#1	2.2358	.22447	.10930	.02438	.46358	.04517	.05220
#2	2.2392	.22394	.13429	.02104	.46135	.04398	.05200
#3	2.1903	.21735	.11073	.01512	.45304	.04418	.05152

Sample Name: CRI01 Acquired: 1/28/2019 12:43:24 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01970	.0182	.02338	F 2.8591	F<.00000
Stddev	.00208	.0008	.00021	.1098	.99888
%RSD	10.550	4.170	.90403	3.8417	750.12
#1	.01731	.0173	.02353	2.8451	1.0151
#2	.02077	.0186	.02346	2.7570	-.61291
#3	.02103	.0186	.02314	2.9753	-.80166
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.4	42325.	3313.7	9.1841	3868.9
Stddev	42.5	170.	25.4	.3482	40.2
%RSD	1.2081	.40193	.76735	3.7909	1.0383
#1	3484.9	42268.	3288.4	8.8045	3828.1
#2	3504.2	42516.	3313.5	9.4886	3870.4
#3	3566.2	42190.	3339.3	9.2591	3908.4

Sample Name: ICSA01 Acquired: 1/28/2019 12:47:48 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00202	-.00463	-.00378	.00826	.00809	288.45	.01303	.00091
Stddev	.00186	.00127	.00428	.00486	.00344	.28	.00195	.00007
%RSD	91.891	27.455	113.15	58.755	42.549	.09804	14.981	8.2175
#1	.00412	-.00328	-.00356	.01355	.00460	288.36	.01246	.00090
#2	.00137	-.00481	-.00816	.00724	.01148	288.77	.01520	.00084
#3	.00058	-.00580	.00038	.00400	.00818	288.23	.01143	.00098
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00413	273.26	.06042	-.00068	.00777	99.102	.01531	273.86
Stddev	.00103	3.72	.00078	.00018	.00123	7.768	.00005	1.88
%RSD	24.858	1.3625	1.2844	26.354	15.843	7.8383	.31188	.68684
#1	-.00465	269.14	.06010	-.00079	.00693	101.86	.01527	271.69
#2	-.00479	274.23	.06130	-.00079	.00720	105.11	.01530	275.01
#3	-.00295	276.39	.05985	-.00048	.00919	90.330	.01536	274.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00503	-.00445	-.00079	.00105	.00211	-.00675	-.00029	-.02405
Stddev	.00053	.00167	.01591	.00071	.00044	.02522	.00020	.00408
%RSD	10.589	37.466	2024.8	67.412	20.878	373.43	69.316	16.976
#1	-.00560	-.00375	-.01865	.00026	.00223	-.03574	-.00006	-.02100
#2	-.00494	-.00325	.01189	.00128	.00248	.00535	-.00038	-.02245
#3	-.00455	-.00635	.00440	.00163	.00163	.01013	-.00044	-.02868
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .31168	-.00459	.00910	-.00171	F .02202	-.0013	.00575	4.4947
Stddev	.04682	.00279	.00030	.00407	.00289	.0017	.00923	.1341
%RSD	15.023	60.761	3.3516	238.45	13.141	126.6	160.74	2.9829
#1	.29757	-.00763	.00890	-.00331	.02036	-.0032	.00213	4.4989
#2	.27353	-.00216	.00945	.00292	.02033	-.0002	-.00114	4.6266
#3	.36393	-.00397	.00894	-.00473	.02536	-.0005	.01624	4.3586

Sample Name: ICSA01 Acquired: 1/28/2019 12:47:48 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.2415
%RSD .95186

#1 -129.00
#2 -131.24
#3 -131.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.5	36847.	3177.7	7.5633	3059.6
Stddev	4.4	179.	26.0	.6630	9.0
%RSD	.14386	.48658	.81958	8.7664	.29346

#1	3087.9	36816.	3207.3	7.2953	3050.9
#2	3092.9	36686.	3158.3	7.0762	3059.0
#3	3096.8	37040.	3167.4	8.3183	3068.9

Sample Name: ICSAB01 Acquired: 1/28/2019 12:52:20 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11231	.09211	.05300	.06208	.67789	292.40	.56761	.59061
Stddev	.00291	.00357	.00264	.00327	.00347	1.15	.00958	.00084
%RSD	2.5949	3.8790	4.9873	5.2603	.51130	.39172	1.6884	.14162
#1	.11516	.09391	.04998	.06165	.67629	291.36	.56137	.59041
#2	.10933	.08800	.05492	.06554	.67551	292.20	.57864	.59153
#3	.11244	.09444	.05410	.05905	.68187	293.63	.56280	.58989
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0694	274.05	.62415	.53928	.54633	99.254	.57855	273.67
Stddev	.0006	3.42	.00294	.00070	.00189	3.881	.00017	2.83
%RSD	.05100	1.2486	.47150	.13063	.34585	3.9101	.02894	1.0356
#1	1.0693	270.81	.62430	.53864	.54421	103.73	.57873	270.67
#2	1.0700	277.63	.62701	.53917	.54695	97.267	.57840	276.30
#3	1.0690	273.71	.62113	.54004	.54783	96.768	.57852	274.04
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0621	.22264	.07243	.54812	1.0388	-.00349	1.0250	1.0180
Stddev	.0002	.00170	.01271	.00182	.0463	.03621	.0014	.0233
%RSD	.01660	.76136	17.547	.33294	4.4609	1037.8	.13724	2.2935
#1	1.0621	.22328	.06474	.55012	1.0917	-.02750	1.0237	1.0327
#2	1.0619	.22392	.06546	.54770	1.0197	.03816	1.0248	1.0302
#3	1.0623	.22072	.08710	.54655	1.0052	-.02113	1.0265	.99108
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.5257	.93944	1.0339	1.0332	F 1.3715	F 1.263	1.1983	4.7127
Stddev	.0449	.01689	.0040	.0065	.0076	.003	.0161	.0808
%RSD	2.9447	1.7980	.38278	.62492	.55114	.1946	1.3435	1.7144
#1	1.4879	.93059	1.0295	1.0272	1.3659	1.262	1.1814	4.6898
#2	1.5138	.95892	1.0371	1.0400	1.3801	1.266	1.2135	4.8025
#3	1.5753	.92882	1.0351	1.0323	1.3685	1.261	1.2001	4.6459

Sample Name: ICSAB01 Acquired: 1/28/2019 12:52:20 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.39191
%RSD	.29605

#1	-132.65
#2	-131.93
#3	-132.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.8	36710.	3201.4	7.6047	3048.2
Stddev	5.9	69.	34.2	.3484	8.3
%RSD	.19247	.18750	1.0692	4.5812	.27317

#1	3077.5	36696.	3224.0	7.2067	3039.4
#2	3084.4	36649.	3162.0	7.7532	3049.3
#3	3089.4	36785.	3218.2	7.8542	3055.9

Sample Name: CCV01 Acquired: 1/28/2019 12:56:36 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8569	4.8511	4.8345	4.8467	4.8797	9.6660	9.6563	.24136
Stddev	.0118	.0113	.0104	.0153	.0106	.1171	.0462	.00121
%RSD	.24228	.23276	.21452	.31558	.21629	1.2119	.47876	.49955
#1	4.8659	4.8638	4.8461	4.8618	4.8809	9.5761	9.6707	.24102
#2	4.8612	4.8476	4.8261	4.8470	4.8896	9.7985	9.6046	.24036
#3	4.8435	4.8420	4.8313	4.8312	4.8686	9.6233	9.6936	.24270
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3897	25.324	.99591	2.3925	1.2166	4.6187	2.4748	24.036
Stddev	.0046	.044	.00297	.0038	.0038	.2096	.0034	.095
%RSD	.19110	.17409	.29780	.16038	.31037	4.5381	.13922	.39593
#1	2.3950	25.275	.99623	2.3966	1.2190	4.8572	2.4751	24.049
#2	2.3872	25.337	.99870	2.3918	1.2185	4.5351	2.4713	23.935
#3	2.3869	25.360	.99280	2.3890	1.2123	4.4638	2.4781	24.124
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3854	1.1913	24.130	2.3939	2.3397	24.186	4.8551	4.9202
Stddev	.0029	.0019	.170	.0013	.1231	.075	.0099	.0484
%RSD	.11988	.15726	.70573	.05345	5.2606	.31099	.20405	.98360
#1	2.3887	1.1895	24.216	2.3941	2.4737	24.215	4.8616	4.8680
#2	2.3837	1.1912	23.934	2.3925	2.3137	24.101	4.8600	4.9292
#3	2.3837	1.1932	24.240	2.3950	2.2317	24.243	4.8437	4.9635
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7161	4.8862	4.7613	4.8382	5.0065	4.776	5.0829	F 3.9830
Stddev	.0633	.0370	.0086	.0106	.0207	.013	.0210	.0954
%RSD	1.3418	.75752	.17976	.21942	.41381	.2620	.41214	2.3948
#1	4.7025	4.9028	4.7712	4.8496	5.0068	4.785	5.0826	3.9963
#2	4.6606	4.8438	4.7569	4.8365	4.9856	4.762	5.0621	4.0710
#3	4.7850	4.9121	4.7558	4.8285	5.0270	4.782	5.1040	3.8816

Sample Name: CCV01 Acquired: 1/28/2019 12:56:36 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9236
Stddev	1.5932
%RSD	54.494

#1	2.4126
#2	1.6486
#3	4.7096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3333.5	40054.	3283.5	7.8230	3417.9
Stddev	10.6	99.	28.4	.4026	6.3
%RSD	.31909	.24713	.86581	5.1461	.18492

#1	3332.2	39989.	3263.7	7.3934	3414.8
#2	3323.6	40004.	3316.1	7.8840	3413.7
#3	3344.8	40168.	3270.7	8.1916	3425.1

Sample Name: LLCCV01 Acquired: 1/28/2019 13:00:37 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01869	.04353	.01383	.02159	.05167	.11584	.11108	.00598
Stddev	.00170	.00050	.00085	.00348	.00019	.01552	.00495	.00004
%RSD	9.1226	1.1372	6.1465	16.135	.37090	13.394	4.4579	.64158
#1	.01988	.04299	.01288	.02514	.05174	.09941	.11260	.00602
#2	.01674	.04397	.01411	.01818	.05182	.13025	.11510	.00597
#3	.01945	.04364	.01451	.02146	.05145	.11786	.10555	.00595
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00544	2.1435	.01059	.03138	.02090	.09765	.02219	2.1185
Stddev	.00010	.0226	.00046	.00019	.00017	.06955	.00005	.0134
%RSD	1.8218	1.0560	4.3836	.60101	.83268	71.225	.21062	.63266
#1	.00548	2.1403	.01088	.03123	.02084	.02477	.02223	2.1271
#2	.00533	2.1227	.01005	.03131	.02110	.10487	.02214	2.1031
#3	.00551	2.1676	.01083	.03159	.02077	.16332	.02221	2.1255
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04118	.00978	1.9848	.04229	.04195	2.0225	.20145	.10481
Stddev	.00032	.00046	.0069	.00047	.00243	.0444	.00103	.01270
%RSD	.77323	4.6738	.34802	1.1162	5.7830	2.1928	.51283	12.113
#1	.04102	.00952	1.9807	.04189	.04473	1.9713	.20034	.10316
#2	.04099	.01031	1.9810	.04217	.04084	2.0475	.20239	.09302
#3	.04155	.00951	1.9928	.04281	.04028	2.0488	.20160	.11825
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01883	.41076	.03958	F .04947	.01704	F .0146	.02100	F 2.9297
Stddev	.01443	.00161	.00031	.00370	.00252	.0013	.00025	.0594
%RSD	76.624	.39185	.77906	7.4785	14.790	8.826	1.1779	2.0261
#1	.00269	.40955	.03992	.04773	.01414	.0161	.02081	2.9641
#2	.03047	.41014	.03951	.05371	.01876	.0142	.02128	2.9638
#3	.02333	.41258	.03932	.04695	.01820	.0136	.02091	2.8611

Sample Name: LLCCV01 Acquired: 1/28/2019 13:00:37 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.2960
 Stddev .6204
 %RSD 47.875

#1 .93140
 #2 .94414
 #3 2.0123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.7	42348.	3334.1	8.2288	3873.1
Stddev	22.9	59.	26.2	.3982	12.2
%RSD	.65604	.13850	.78710	4.8385	.31526

#1	3510.3	42280.	3363.1	7.7773	3878.4
#2	3470.2	42384.	3312.0	8.3795	3859.1
#3	3509.6	42379.	3327.3	8.5295	3881.8

Sample Name: CCB01 Acquired: 1/28/2019 13:05:04 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	.00007	.00009	.00086	-.00179	.01218	.00408	.00007
Stddev	.00036	.00032	.00055	.00147	.00198	.00898	.00232	.00009
%RSD	53.772	422.90	635.94	172.25	110.65	73.779	56.966	127.56

#1	-.00058	.00039	.00072	.00238	-.00002	.00190	.00166	.00018
#2	-.00108	-.00025	-.00026	.00075	-.00393	.01857	.00629	.00004
#3	-.00037	.00008	-.00020	-.00057	-.00142	.01606	.00428	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.02355	.00014	-.00008	-.00026	-.00876	-.00003	.01669
Stddev	.00006	.02667	.00004	.00015	.00040	.07351	.00001	.07803
%RSD	129.53	113.22	24.614	202.66	155.11	839.64	28.880	467.38

#1	.00002	-.05379	.00010	-.00006	-.00054	-.08597	-.00003	-.03518
#2	-.00008	-.01351	.00016	-.00024	-.00045	.06039	-.00003	.10643
#3	-.00009	-.00336	.00017	.00007	.00020	-.00068	-.00002	-.02117

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00020	-.07546	-.00020	-.00063	.01007	.00002	.00642
Stddev	.00007	.00047	.00971	.00056	.00013	.00769	.00002	.00759
%RSD	24.646	237.45	12.870	278.96	20.289	76.374	100.47	118.20

#1	.00032	-.00037	-.07511	-.00009	-.00058	.00304	.00003	.01400
#2	.00020	-.00055	-.08534	.00029	-.00078	.01829	.00001	.00645
#3	.00031	.00033	-.06592	-.00081	-.00054	.00889	.00001	-.00118

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	.00270	-.00040	.00872	-.00768	-.0013	.00005	F 2.8503
Stddev	.03423	.00033	.00069	.00075	.00242	.0010	.00004	.0381
%RSD	849.86	12.160	173.75	8.6494	31.507	72.29	79.878	1.3368

#1	-.03533	.00294	-.00008	.00903	-.00492	-.0014	.00009	2.8692
#2	.03253	.00232	-.00118	.00928	-.00945	-.0003	.00003	2.8065
#3	-.00928	.00283	.00008	.00786	-.00866	-.0023	.00002	2.8753

Sample Name: CCB01 Acquired: 1/28/2019 13:05:04 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .52915
Stddev	.11771
%RSD	22.244

#1	.40663
#2	.53944
#3	.64136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.2	42633.	3339.7	9.3295	3917.6
Stddev	6.8	200.	27.5	.6654	21.3
%RSD	.19319	.46934	.82266	7.1319	.54455

#1	3502.4	42628.	3313.0	9.5705	3903.1
#2	3514.2	42436.	3338.2	9.8409	3942.1
#3	3514.0	42836.	3367.9	8.5773	3907.5

Sample Name: K1237-01DLX10 Acquired: 1/28/2019 13:09:18 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03109	-.00379	.02069	-.00152	-.00274	1.0748	.01726	.00020
Stddev	.00616	.00060	.00792	.00257	.00121	.0121	.00240	.00004
%RSD	19.802	15.950	38.286	169.60	44.197	1.1247	13.878	19.716
#1	.03572	-.00435	.02732	.00126	-.00199	1.0712	.01824	.00015
#2	.03344	-.00315	.02282	-.00383	-.00414	1.0883	.01902	.00022
#3	.02410	-.00387	.01192	-.00198	-.00209	1.0649	.01453	.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	708.91	.00023	.00003	.00760	11.972	2.0768	173.21
Stddev	.00012	4.05	.00042	.00013	.00223	.976	.0038	.79
%RSD	15.483	.57182	183.28	447.92	29.379	8.1502	.18206	.45523
#1	-.00087	707.91	-.00010	.00003	.00930	13.009	2.0727	172.34
#2	-.00066	713.37	.00070	.00016	.00844	11.073	2.0774	173.89
#3	-.00088	705.45	.00008	-.00010	.00507	11.833	2.0802	173.40
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	-.00209	.12297	.00458	.09704	.18436	.00003	.00977
Stddev	.00070	.00079	.00232	.00080	.01426	.02567	.00049	.01253
%RSD	53.911	37.955	1.8883	17.518	14.690	13.926	1853.1	128.19
#1	.00089	-.00124	.12040	.00377	.11343	.15524	-.00040	.02138
#2	.00090	-.00282	.12492	.00538	.09018	.20373	.00057	.01143
#3	.00211	-.00222	.12359	.00460	.08752	.19410	-.00008	-.00350
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7404	.10684	.00245	.02256	.06190	.0535	2.1273	4.7609
Stddev	.3774	.00319	.00089	.00314	.00160	.0125	.0155	.0570
%RSD	21.682	2.9887	36.257	13.926	2.5821	23.41	.72928	1.1974
#1	2.0843	.10554	.00342	.02449	.06168	.0629	2.1234	4.7735
#2	1.8002	.11048	.00225	.01893	.06043	.0584	2.1444	4.6986
#3	1.3367	.10450	.00168	.02425	.06360	.0393	2.1141	4.8105

Sample Name: K1237-01DLX10 Acquired: 1/28/2019 13:09:18 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .86193
%RSD 248.96

#1 .08505
#2 -1.3387
#3 .21496

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.0	37164.	3209.1	6.3361	3477.9
Stddev	567.4	9.	13.9	.6605	587.7
%RSD	16.015	.02302	.43452	10.425	16.899

#1	3135.9	37174.	3216.8	5.6116	3055.7
#2	3302.0	37161.	3193.0	6.9049	3228.9
#3	4191.2	37158.	3217.5	6.4919	4149.2

Sample Name: K1003-02 Acquired: 1/28/2019 13:13:42 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	-.00091	.00931	.00407	-.00086	.25372	.16232	.00019
Stddev	.00117	.00101	.00116	.00104	.00177	.01415	.00404	.00006
%RSD	50.100	111.63	12.503	25.552	206.69	5.5787	2.4872	33.243

#1	.00300	-.00022	.00848	.00377	-.00191	.25035	.16546	.00027
#2	.00302	-.00043	.00881	.00321	-.00185	.26925	.16374	.00015
#3	.00098	-.00207	.01064	.00523	.00119	.24155	.15777	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	31.321	-.00027	.00623	.00541	.30942	.67609	5.1577
Stddev	.00002	.126	.00034	.00025	.00046	.01056	.00111	.1055
%RSD	16.029	.40349	126.97	4.0820	8.4808	3.4124	.16465	2.0455

#1	-.00010	31.223	-.00004	.00652	.00590	.29889	.67734	5.0543
#2	-.00008	31.277	-.00067	.00604	.00536	.30937	.67571	5.1536
#3	-.00011	31.464	-.00011	.00612	.00498	.32000	.67521	5.2651

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	-.00074	298.39	-.00048	.01993	.80938	.00001	.00271
Stddev	.00058	.00006	.82	.00031	.00094	.01882	.00010	.00647
%RSD	19.645	7.7302	.27486	64.961	4.7372	2.3258	1077.7	238.68

#1	.00234	-.00069	299.09	-.00014	.02058	.81778	.00008	-.00309
#2	.00306	-.00072	297.49	-.00075	.02037	.78782	-.00010	.00153
#3	.00350	-.00080	298.59	-.00054	.01885	.82254	.00005	.00969

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63558	3.2025	.00075	.00774	-.00295	-.0002	.05247	3.8514
Stddev	.04844	.0186	.00037	.00221	.00188	.0008	.00030	.1169
%RSD	7.6211	.57953	49.682	28.576	63.753	370.4	.57631	3.0351

#1	.62258	3.1931	.00116	.00954	-.00284	.0004	.05222	3.9772
#2	.68920	3.1904	.00045	.00841	-.00488	.0001	.05239	3.8308
#3	.59498	3.2238	.00064	.00527	-.00112	-.0012	.05281	3.7462

Sample Name: K1003-02 Acquired: 1/28/2019 13:13:42 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9088
 Stddev .5947
 %RSD 10.064

#1 6.1193
 #2 6.3695
 #3 5.2375

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.0	39629.	3397.5	7.6189	3350.0
Stddev	4.9	203.	14.8	.3359	4.7
%RSD	.14652	.51333	.43665	4.4093	.13971

#1	3318.4	39399.	3380.9	7.4205	3344.8
#2	3327.3	39702.	3409.4	7.4295	3351.5
#3	3326.3	39786.	3402.1	8.0068	3353.8

Sample Name: K1003-02DUP Acquired: 1/28/2019 13:18:19 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00306	.00902	.00575	-.00156	.25020	.15258	.00024
Stddev	.00155	.00199	.00138	.00098	.00033	.00921	.00767	.00006
%RSD	145.34	65.039	15.272	17.072	20.895	3.6811	5.0262	24.203

#1	.00166	-.00093	.00793	.00462	-.00119	.24004	.14468	.00026
#2	-.00069	-.00337	.00856	.00621	-.00168	.25259	.15999	.00018
#3	.00224	-.00488	.01057	.00642	-.00180	.25799	.15306	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	31.169	.00024	.00633	.00526	.44196	.67569	5.1169
Stddev	.00009	.248	.00011	.00015	.00048	.05097	.00106	.0689
%RSD	117.60	.79505	46.910	2.3225	9.1683	11.532	.15733	1.3460

#1	.00003	30.887	.00018	.00622	.00517	.38565	.67579	5.0395
#2	-.00012	31.351	.00016	.00650	.00483	.48493	.67458	5.1713
#3	-.00015	31.268	.00036	.00627	.00578	.45532	.67670	5.1400

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	-.00044	295.73	-.00029	.02107	.79805	.00021	.01447
Stddev	.00024	.00057	1.77	.00031	.00064	.04230	.00023	.00345
%RSD	6.9390	129.52	.59698	106.96	3.0411	5.3006	106.45	23.857

#1	.00368	.00012	293.77	-.00001	.02033	.84686	.00046	.01604
#2	.00323	-.00102	296.24	-.00061	.02140	.77204	.00001	.01686
#3	.00332	-.00043	297.19	-.00024	.02147	.77525	.00016	.01051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65597	3.1695	.00140	.00814	.00068	.0001	.05187	3.8794
Stddev	.01650	.0198	.00077	.00236	.00065	.0008	.00045	.0172
%RSD	2.5157	.62563	54.876	28.941	95.610	574.3	.87279	.44334

#1	.67464	3.1515	.00150	.00549	.00010	.0010	.05151	3.8865
#2	.64332	3.1907	.00212	.00894	.00138	-.0002	.05238	3.8920
#3	.64996	3.1664	.00059	.01000	.00055	-.0004	.05172	3.8598

Sample Name: K1003-02DUP Acquired: 1/28/2019 13:18:19 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8064
Stddev	.1344
%RSD	2.3155

#1	5.9114
#2	5.6548
#3	5.8528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.0	39413.	3396.1	7.1250	3344.5
Stddev	10.4	76.	13.2	.2369	7.7
%RSD	.31421	.19182	.38877	3.3243	.23042

#1	3326.3	39495.	3396.8	7.3955	3352.7
#2	3305.7	39399.	3382.5	6.9545	3337.4
#3	3319.1	39346.	3408.9	7.0250	3343.4

Sample Name: K1003-02LX5 Acquired: 1/28/2019 13:22:54 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00119	.00338	.00122	-.00090	.05037	.03539	.00010
Stddev	.00309	.00130	.00060	.00386	.00060	.00267	.00425	.00003
%RSD	240.90	109.77	17.754	315.75	66.403	5.3061	11.999	29.825

#1	-.00483	-.00031	.00383	.00060	-.00148	.05146	.03053	.00010
#2	.00018	-.00268	.00362	-.00229	-.00028	.05233	.03837	.00013
#3	.00081	-.00056	.00270	.00535	-.00094	.04733	.03727	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	6.6329	-.00036	.00106	.00067	.13960	.14619	1.0807
Stddev	.00005	.0298	.00054	.00014	.00033	.06579	.00107	.0757
%RSD	40.132	.44989	148.83	13.414	48.670	47.126	.73076	7.0046

#1	-.00007	6.6022	-.00093	.00120	.00101	.10650	.14624	1.1559
#2	-.00018	6.6348	.00013	.00107	.00063	.09694	.14723	1.0817
#3	-.00016	6.6618	-.00028	.00092	.00036	.21537	.14509	1.0045

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00040	64.145	-.00048	.00314	.12443	.00007	.00744
Stddev	.00014	.00124	.058	.00028	.00027	.01444	.00010	.01090
%RSD	145.21	308.26	.09006	59.134	8.6166	11.605	153.78	146.47

#1	.00011	.00016	64.138	-.00054	.00290	.13162	.00011	.00074
#2	-.00005	-.00182	64.206	-.00017	.00309	.10780	-.00005	.00156
#3	.00022	.00045	64.092	-.00072	.00343	.13385	.00015	.02002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12945	.71285	.00034	.01013	.00217	-.0002	.01103	3.4218
Stddev	.01078	.01051	.00038	.00152	.00250	.0020	.00017	.1540
%RSD	8.3280	1.4750	110.23	14.965	115.12	944.9	1.5022	4.5012

#1	.11708	.70781	.00034	.01156	.00422	-.0021	.01100	3.5718
#2	.13687	.72494	.00072	.01031	-.00062	-.0006	.01088	3.2641
#3	.13439	.70581	-.00003	.00854	.00291	.0020	.01121	3.4294

Sample Name: K1003-02LX5 Acquired: 1/28/2019 13:22:54 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3283
 Stddev .2707
 %RSD 20.384

#1 1.4625
 #2 1.5057
 #3 1.0166

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.9	40708.	3310.9	8.7688	3575.1
Stddev	33.3	93.	7.1	.3918	32.9
%RSD	.98879	.22892	.21388	4.4679	.92105

#1	3333.4	40626.	3307.7	9.1693	3538.4
#2	3381.9	40809.	3305.9	8.7508	3585.1
#3	3397.3	40690.	3319.0	8.3863	3601.9

Sample Name: K1003-02MS Acquired: 1/28/2019 13:27:19 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87179	2.1152	1.0709	2.2164	.89737	2.6098	.40789
Stddev	.00254	.0062	.0011	.0031	.00177	.0099	.00404
%RSD	.29182	.29267	.10485	.13840	.19704	.37989	.99092

#1	.87137	2.1118	1.0712	2.2199	.89938	2.5987	.41176
#2	.86948	2.1223	1.0718	2.2141	.89606	2.6128	.40370
#3	.87452	2.1113	1.0697	2.2152	.89668	2.6179	.40822

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22370	.21621	37.671	.45463	.22702	.33102	3.6320
Stddev	.00079	.00024	.209	.00145	.00087	.00106	.3485
%RSD	.35453	.11006	.55498	.31952	.38239	.31924	9.5941

#1	.22361	.21596	37.581	.45472	.22657	.33046	3.8454
#2	.22295	.21623	37.522	.45313	.22646	.33224	3.8208
#3	.22453	.21643	37.910	.45603	.22802	.33036	3.2299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99286	8.0324	.54755	.07666	346.55	.33263	.20728
Stddev	.00065	.2566	.00024	.00091	1.34	.00063	.02361
%RSD	.06577	3.1942	.04346	1.1902	.38531	.18988	11.390

#1	.99323	7.8309	.54740	.07686	346.54	.33244	.22273
#2	.99211	7.9450	.54783	.07745	345.22	.33211	.21901
#3	.99324	8.3212	.54743	.07566	347.89	.33333	.18011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.038	.45982	.34700	.80017	4.7298	.78682	.24164
Stddev	.044	.00008	.00306	.04709	.0554	.00213	.00646
%RSD	.36716	.01748	.88325	5.8846	1.1716	.27009	2.6733

#1	12.005	.45990	.34652	.80317	4.7726	.78531	.23987
#2	12.021	.45983	.35027	.84568	4.6672	.78590	.24880
#3	12.088	.45974	.34420	.75165	4.7497	.78925	.23625

Sample Name: K1003-02MS Acquired: 1/28/2019 13:27:19 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23192	6.607	.28681	4.5159	F<.00000
Stddev	.00145	.013	.00158	.0458	.87001
%RSD	.62737	.1911	.55194	1.0133	32.522
#1	.23044	6.593	.28614	4.4702	-3.6687
#2	.23197	6.614	.28567	4.5158	-2.0500
#3	.23334	6.615	.28862	4.5617	-2.3067
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.4	38430.	3258.7	8.6773	3225.6
Stddev	7.9	101.	8.9	1.0314	10.6
%RSD	.24438	.26350	.27462	11.887	.32876
#1	3223.0	38324.	3250.7	7.9932	3228.8
#2	3231.4	38526.	3268.3	8.1750	3234.2
#3	3215.7	38441.	3257.0	9.8636	3213.7

Sample Name: K1003-02MSD Acquired: 1/28/2019 13:31:33 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87116	2.1119	1.0691	2.2176	.89711	2.5868	.39397
Stddev	.00407	.0071	.0023	.0057	.00079	.0105	.00138
%RSD	.46771	.33787	.21444	.25810	.08762	.40727	.34912

#1	.87584	2.1186	1.0717	2.2124	.89695	2.5798	.39433
#2	.86923	2.1044	1.0675	2.2166	.89642	2.5990	.39245
#3	.86841	2.1127	1.0682	2.2237	.89797	2.5818	.39513

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22243	.21533	37.080	.44953	.22698	.32929	4.0843
Stddev	.00049	.00057	.061	.00051	.00006	.00047	.2712
%RSD	.22232	.26546	.16384	.11255	.02620	.14401	6.6412

#1	.22212	.21584	37.012	.44969	.22703	.32959	3.7711
#2	.22300	.21472	37.130	.44896	.22698	.32953	4.2407
#3	.22217	.21544	37.096	.44993	.22692	.32874	4.2411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98767	7.9556	.54747	.07713	340.65	.33073	.24029
Stddev	.00063	.0931	.00203	.00061	1.82	.00149	.01801
%RSD	.06330	1.1704	.37063	.79001	.53422	.45012	7.4955

#1	.98796	7.9680	.54952	.07687	341.92	.33160	.21972
#2	.98696	7.8570	.54547	.07669	338.56	.32902	.25325
#3	.98811	8.0420	.54743	.07783	341.46	.33158	.24789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.863	.45993	.34998	.78901	4.5905	.78208	.23378
Stddev	.036	.00160	.01271	.01029	.0302	.00047	.00057
%RSD	.30024	.34866	3.6328	1.3046	.65857	.06038	.24182

#1	11.840	.45814	.34283	.79843	4.6239	.78252	.23438
#2	11.845	.46125	.34245	.79058	4.5649	.78158	.23326
#3	11.904	.46039	.36466	.77802	4.5827	.78215	.23370

Sample Name: K1003-02MSD Acquired: 1/28/2019 13:31:33 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23204	6.584	.28178	4.1983	F<.00000
Stddev	.00395	.011	.00069	.0407	.80452
%RSD	1.7012	.1694	.24367	.96971	38.143
#1	.23625	6.596	.28102	4.2446	-1.6100
#2	.22842	6.576	.28199	4.1682	-1.6804
#3	.23146	6.579	.28234	4.1821	-3.0373
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.4	39089.	3332.6	7.5235	3251.2
Stddev	14.9	71.	7.6	.5897	6.7
%RSD	.45825	.18235	.22791	7.8382	.20555
#1	3258.6	39071.	3333.6	8.2000	3254.4
#2	3233.2	39168.	3339.6	7.1182	3243.5
#3	3259.4	39029.	3324.5	7.2523	3255.7

Sample Name: K1003-02A Acquired: 1/28/2019 13:35:46 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84106	2.0394	1.0300	2.1405	.86447	2.5892	.39155
Stddev	.04085	.0966	.0491	.1028	.04179	.0245	.00438
%RSD	4.8568	4.7367	4.7642	4.8016	4.8340	.94546	1.1190

#1	.86572	2.0984	1.0591	2.1935	.88962	2.5656	.39659
#2	.86354	2.0920	1.0576	2.2059	.88755	2.6145	.38943
#3	.79391	1.9279	.97338	2.0220	.81623	2.5877	.38864

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22045	.20782	36.755	.44544	.21898	.31813	4.1171
Stddev	.00048	.01007	.182	.00224	.01062	.01538	.1359
%RSD	.21642	4.8439	.49435	.50223	4.8478	4.8332	3.3007

#1	.22021	.21415	36.615	.44555	.22548	.32744	4.2541
#2	.22100	.21310	36.689	.44314	.22474	.32656	3.9823
#3	.22014	.19621	36.960	.44761	.20673	.30038	4.1148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97909	7.9601	.52877	.07594	337.25	.32855	.23680
Stddev	.00108	.0390	.02563	.00049	.56	.00061	.00977
%RSD	.11046	.49022	4.8468	.63879	.16726	.18603	4.1272

#1	.97817	7.9635	.54449	.07567	337.62	.32849	.24796
#2	.98028	7.9195	.54262	.07565	337.52	.32798	.22974
#3	.97882	7.9974	.49920	.07650	336.60	.32919	.23272

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.867	.44384	.34039	.70089	4.5527	.75604	.23675
Stddev	.051	.02188	.00621	.02971	.0299	.03463	.00466
%RSD	.42704	4.9299	1.8258	4.2395	.65655	4.5803	1.9704

#1	11.817	.45671	.34223	.72327	4.5864	.77565	.23742
#2	11.918	.45622	.34548	.71223	4.5425	.77642	.23179
#3	11.867	.41857	.33346	.66718	4.5293	.71606	.24105

Sample Name: K1003-02A Acquired: 1/28/2019 13:35:46 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22890	6.334	.28051	4.1158	F<.00000
Stddev	.00171	.317	.00110	.0973	.24690
%RSD	.74734	4.999	.39075	2.3641	9.2186
#1	.23036	6.539	.27966	4.1052	-2.9392
#2	.22931	6.494	.28013	4.0242	-2.4484
#3	.22702	5.970	.28175	4.2179	-2.6472
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.3	39274.	3366.1	7.5318	3344.9
Stddev	139.7	52.	5.6	.2864	143.0
%RSD	4.1846	.13167	.16562	3.8029	4.2764
#1	3256.3	39326.	3363.4	7.2205	3257.3
#2	3261.1	39274.	3372.6	7.7841	3267.4
#3	3500.7	39223.	3362.5	7.5909	3509.9

Sample Name: K1016-04 Acquired: 1/28/2019 13:40:01 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-1-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00260	.01310	.00750	-.00339	.15273	.11364	.00010
Stddev	.00092	.00132	.00069	.00034	.00100	.01261	.00224	.00008
%RSD	219.97	50.778	5.2896	4.5682	29.382	8.2581	1.9711	79.333

#1	.00083	-.00252	.01266	.00715	-.00363	.14920	.11614	.00018
#2	-.00063	-.00396	.01390	.00784	-.00230	.16674	.11182	.00002
#3	.00105	-.00132	.01275	.00752	-.00425	.14226	.11294	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	31.554	.00011	.00460	.00539	.03837	.82602	2.0992
Stddev	.00005	.186	.00024	.00018	.00026	.06148	.00065	.0453
%RSD	35.491	.58895	219.50	4.0108	4.8483	160.23	.07842	2.1590

#1	.00015	31.482	.00020	.00463	.00519	.05456	.82663	2.0473
#2	.00010	31.765	.00029	.00440	.00568	.09014	.82534	2.1313
#3	.00020	31.415	-.00016	.00476	.00529	-.02959	.82609	2.1189

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	.00012	318.35	-.00042	.03097	1.8961	.00036	.01929
Stddev	.00024	.00056	.31	.00029	.00099	.0132	.00014	.00928
%RSD	6.7026	464.39	.09735	70.193	3.1998	.69728	38.791	48.087

#1	.00348	.00071	318.69	-.00054	.03211	1.8863	.00029	.01292
#2	.00340	-.00042	318.10	-.00008	.03028	1.9111	.00026	.01502
#3	.00385	.00007	318.25	-.00064	.03053	1.8909	.00052	.02993

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47962	1.2355	.00117	.00699	.00538	.0019	.15008	4.2943
Stddev	.02557	.0031	.00038	.00121	.00316	.0007	.00042	.0614
%RSD	5.3309	.25225	31.983	17.311	58.815	38.07	.28151	1.4302

#1	.45168	1.2319	.00126	.00825	.00509	.0019	.15008	4.3624
#2	.50185	1.2373	.00076	.00688	.00867	.0025	.15049	4.2775
#3	.48533	1.2374	.00150	.00583	.00237	.0011	.14965	4.2431

Sample Name: K1016-04 Acquired: 1/28/2019 13:40:01 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-1-0 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.1083
Stddev .4488
%RSD 7.3476

#1 5.5900
#2 6.3690
#3 6.3657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3214.4	38248.	3300.8	7.4030	3290.5
Stddev	2.9	74.	9.8	.1924	3.6
%RSD	.09072	.19220	.29787	2.5994	.11044

#1	3214.6	38168.	3306.0	7.1818	3289.6
#2	3217.2	38312.	3289.5	7.5318	3294.5
#3	3211.4	38264.	3307.0	7.4955	3287.4

Sample Name: K1016-06 Acquired: 1/28/2019 13:44:34 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-2-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00299	.03488	.00573	-.00057	.12958	.09913	.00016
Stddev	.00151	.00087	.00067	.00424	.00153	.00163	.00586	.00007
%RSD	1226.0	29.078	1.9348	74.046	267.83	1.2552	5.9138	45.267

#1	.00025	-.00399	.03552	.00695	.00025	.12771	.10394	.00021
#2	.00156	-.00258	.03494	.00101	-.00233	.13070	.09260	.00019
#3	-.00145	-.00240	.03417	.00922	.00037	.13032	.10086	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	23.391	.00033	.00415	.00566	.42150	.41804	1.6289
Stddev	.00003	.157	.00017	.00006	.00040	.01530	.00130	.0355
%RSD	76.592	.67127	52.024	1.3551	6.9918	3.6290	.31017	2.1784

#1	.00005	23.245	.00014	.00417	.00528	.43819	.41884	1.6021
#2	.00007	23.369	.00047	.00419	.00563	.41816	.41875	1.6155
#3	.00001	23.557	.00039	.00409	.00607	.40815	.41655	1.6692

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	-.00045	296.54	-.00017	.02792	.88292	.00011	.01520
Stddev	.00038	.00070	1.18	.00055	.00275	.02445	.00046	.00760
%RSD	10.672	155.67	.39810	321.35	9.8684	2.7692	402.16	50.029

#1	.00381	-.00114	297.39	.00039	.03108	.89282	.00064	.00693
#2	.00310	.00025	295.19	-.00020	.02603	.85507	-.00015	.01677
#3	.00367	-.00046	297.03	-.00070	.02664	.90086	-.00015	.02189

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23352	.50564	.00135	.00697	.00805	.0019	.11138	4.0524
Stddev	.00448	.00547	.00047	.00381	.00099	.0007	.00005	.0484
%RSD	1.9198	1.0820	34.613	54.601	12.242	36.94	.04220	1.1955

#1	.22873	.50814	.00178	.00497	.00892	.0016	.11134	4.1078
#2	.23762	.49937	.00085	.01136	.00826	.0026	.11143	4.0180
#3	.23419	.50942	.00142	.00458	.00698	.0013	.11138	4.0313

Sample Name: K1016-06 Acquired: 1/28/2019 13:44:34 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-2-0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1509
 Stddev .3718
 %RSD 7.2185

#1 5.1575
 #2 4.7758
 #3 5.5193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.3	38978.	3396.5	9.3720	3333.6
Stddev	1.7	134.	34.4	.9028	8.0
%RSD	.05263	.34383	1.0120	9.6326	.23860

#1	3239.0	38836.	3384.4	8.3409	3338.7
#2	3242.2	38997.	3435.3	10.020	3337.7
#3	3239.7	39102.	3369.8	9.7545	3324.5

Sample Name: K1016-08 Acquired: 1/28/2019 13:49:09 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00387	.01157	.00414	-.00154	.11859	.16789	.00025
Stddev	.00094	.00182	.00057	.00242	.00201	.00826	.00828	.00001
%RSD	125.90	46.937	4.9623	58.355	130.70	6.9613	4.9299	5.3537

#1	-.00027	-.00193	.01223	.00201	-.00379	.10907	.17524	.00024
#2	-.00182	-.00553	.01127	.00676	.00006	.12282	.16951	.00027
#3	-.00014	-.00416	.01120	.00365	-.00088	.12387	.15893	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	36.695	.00003	.00532	.00879	.04856	.53154	8.7177
Stddev	.00011	.475	.00027	.00013	.00037	.05818	.00181	.0784
%RSD	197.25	1.2935	958.81	2.4536	4.2466	119.80	.34046	.89873

#1	-.00001	36.432	-.00023	.00534	.00841	-.00264	.53057	8.7811
#2	.00018	37.243	.00001	.00544	.00916	.11182	.53043	8.7420
#3	-.00001	36.410	.00030	.00518	.00880	.03650	.53363	8.6301

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00807	.00005	319.19	-.00011	.03565	.74929	.00023	.00574
Stddev	.00028	.00089	5.05	.00013	.00580	.01507	.00023	.01272
%RSD	3.4371	1748.4	1.5814	124.18	16.259	2.0110	97.123	221.64

#1	.00789	-.00032	314.33	-.00011	.04214	.76309	.00049	.00126
#2	.00794	-.00060	324.41	-.00023	.03384	.73322	.00014	-.00414
#3	.00839	.00107	318.82	.00003	.03098	.75156	.00007	.02010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23451	.43940	.00108	.00874	.00476	.0023	.13510	4.2116
Stddev	.05674	.01084	.00088	.00142	.00210	.0006	.00097	.0700
%RSD	24.197	2.4666	81.611	16.248	44.216	24.59	.71531	1.6623

#1	.17159	.43300	.00016	.00713	.00574	.0021	.13474	4.1638
#2	.28179	.45192	.00115	.00928	.00619	.0018	.13620	4.1791
#3	.25016	.43329	.00192	.00980	.00234	.0029	.13438	4.2920

Sample Name: K1016-08 Acquired: 1/28/2019 13:49:09 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.5942
Stddev	.3116
%RSD	4.7248

#1	6.4080
#2	6.4206
#3	6.9538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.7	38598.	3378.5	8.5356	3278.7
Stddev	5.3	113.	38.1	1.2853	11.6
%RSD	.16468	.29204	1.1277	15.058	.35364

#1	3210.7	38604.	3402.7	7.1295	3270.0
#2	3220.4	38707.	3334.6	8.8273	3274.3
#3	3219.1	38482.	3398.3	9.6500	3291.9

Sample Name: CCV02 Acquired: 1/28/2019 13:53:43 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14494 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9628	4.9274	4.8905	4.9797	5.0089	10.469	9.7373	.24765
Stddev	.0103	.0031	.0216	.0195	.0188	.088	.1050	.00050
%RSD	.20832	.06298	.44140	.39216	.37547	.84237	1.0782	.20098
#1	4.9654	4.9301	4.9120	4.9901	5.0306	10.370	9.8483	.24821
#2	4.9716	4.9281	4.8908	4.9918	4.9984	10.498	9.7240	.24751
#3	4.9514	4.9240	4.8688	4.9572	4.9976	10.539	9.6396	.24725
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4195	26.054	1.0180	2.4272	1.2372	5.3455	2.5119	24.336
Stddev	.0083	.070	.0006	.0076	.0043	.7100	.0028	.070
%RSD	.34147	.26949	.06181	.31432	.34777	13.283	.11133	.28650
#1	2.4283	26.124	1.0177	2.4352	1.2403	4.6866	2.5130	24.276
#2	2.4181	26.055	1.0187	2.4264	1.2390	6.0975	2.5140	24.318
#3	2.4120	25.983	1.0176	2.4200	1.2322	5.2524	2.5087	24.412
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4165	1.2085	24.226	2.4270	2.4573	24.430	4.9621	5.0258
Stddev	.0089	.0018	.219	.0045	.3720	.247	.0163	.0202
%RSD	.36840	.15038	.90502	.18667	15.139	1.0113	.32764	.40164
#1	2.4257	1.2080	24.467	2.4316	2.1487	24.707	4.9739	5.0354
#2	2.4160	1.2105	24.173	2.4268	2.8704	24.348	4.9689	5.0394
#3	2.4079	1.2070	24.039	2.4225	2.3530	24.234	4.9436	5.0026
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8220	4.8637	4.8289	4.9472	5.1331	4.887	5.2186	F 4.0500
Stddev	.0614	.0458	.0207	.0132	.0558	.004	.0588	.0280
%RSD	1.2741	.94176	.42776	.26737	1.0877	.0819	1.1263	.69133
#1	4.8917	4.9163	4.8505	4.9623	5.1959	4.888	5.2806	4.0674
#2	4.7988	4.8422	4.8269	4.9379	5.1141	4.890	5.2116	4.0177
#3	4.7756	4.8326	4.8093	4.9412	5.0891	4.882	5.1637	4.0648

Sample Name: CCV02 Acquired: 1/28/2019 13:53:43 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14494 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9367
Stddev	.4409
%RSD	22.765

#1	1.4359
#2	2.1077
#3	2.2665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.8	40393.	3388.9	7.7397	3446.2
Stddev	11.6	58.	43.4	1.1129	12.9
%RSD	.34589	.14474	1.2810	14.379	.37527

#1	3346.2	40326.	3339.5	8.7191	3433.4
#2	3350.1	40420.	3406.0	6.5295	3446.0
#3	3368.0	40433.	3421.2	7.9705	3459.3

Sample Name: CCB02 Acquired: 1/28/2019 13:57:43 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14494 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00084	-.00100	.00158	-.00245	.00904	-.00409
Stddev	.00057	.00073	.00059	.00181	.00036	.01726	.00386
%RSD	109.96	86.673	59.049	114.66	14.739	190.89	94.315

#1	.00091	-.00168	-.00167	.00366	-.00274	.02893	-.00228
#2	.00078	-.00052	-.00058	.00038	-.00205	.00034	-.00852
#3	-.00014	-.00033	-.00074	.00069	-.00258	-.00213	-.00147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	-.01913	.00023	-.00012	-.00020	F .03221
Stddev	.00005	.00006	.00967	.00051	.00017	.00019	.03556
%RSD	208.22	1082.5	50.523	223.16	140.45	93.766	110.40

#1	.00003	-.00007	-.03015	-.00036	-.00031	-.00039	.04852
#2	-.00004	.00004	-.01514	.00057	-.00003	-.00000	-.00858
#3	-.00005	.00001	-.01210	.00047	-.00002	-.00022	.05669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00843	.00040	-.00100	.02691	.00009	-.00059
Stddev	.00007	.07688	.00013	.00028	.01337	.00021	.00002
%RSD	465.67	912.53	32.726	28.195	49.680	245.48	2.6367

#1	.00009	-.09630	.00049	-.00079	.03196	-.00016	-.00060
#2	-.00006	.04645	.00025	-.00132	.03702	.00021	-.00058
#3	.00001	.02458	.00045	-.00088	.01175	.00021	-.00061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00651	.00002	.01393	-.00223	.00363	-.00053	.00616
Stddev	.00260	.00023	.00553	.00812	.00110	.00090	.00327
%RSD	39.900	1027.2	39.713	363.93	30.428	169.09	53.072

#1	.00352	.00020	.01432	.00617	.00483	-.00157	.00361
#2	.00819	.00011	.00821	-.00282	.00266	-.00012	.00502
#3	.00783	-.00024	.01925	-.01004	.00340	.00009	.00985

Sample Name: CCB02 Acquired: 1/28/2019 13:57:43 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14494 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00365	-.0019	.00006	F 2.8084	F<.00000
Stddev	.00193	.0004	.00009	.0714	.19066
%RSD	52.894	23.46	157.47	2.5427	19.601

#1	-.00470	-.0023	.00016	2.7435	-1.1616
#2	-.00142	-.0014	.00001	2.8849	-.97620
#3	-.00483	-.0019	.00000	2.7967	-.78035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.8	42975.	3438.8	8.6205	3909.1
Stddev	4.0	104.	30.1	.8940	19.0
%RSD	.11402	.24221	.87434	10.371	.48569

#1	3500.3	43012.	3415.3	9.3136	3898.3
#2	3507.4	43055.	3472.7	7.6114	3898.0
#3	3500.7	42857.	3428.4	8.9364	3931.0

Sample Name: K1016-10 Acquired: 1/28/2019 14:02:12 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-4-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	-.00460	.00904	.00711	-.00298	.11700	.08256	.00006
Stddev	.00270	.00175	.00041	.00271	.00186	.01287	.00325	.00003
%RSD	485.25	38.092	4.5550	38.078	62.466	10.998	3.9402	58.954

#1	-.00244	-.00662	.00898	.00786	-.00459	.10372	.08314	.00002
#2	-.00176	-.00345	.00866	.00411	-.00094	.11788	.08548	.00009
#3	.00254	-.00374	.00948	.00936	-.00341	.12941	.07905	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	76.697	.00019	.00496	.00739	.52830	.51822	8.6634
Stddev	.00007	.430	.00046	.00002	.00029	.07368	.00121	.0847
%RSD	47.677	.56062	244.43	.46911	3.8764	13.947	.23343	.97739

#1	-.00023	76.563	-.00023	.00493	.00713	.51259	.51698	8.5679
#2	-.00011	77.179	.00011	.00497	.00735	.60858	.51827	8.6930
#3	-.00010	76.351	.00069	.00497	.00770	.46374	.51940	8.7292

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00396	-.00051	330.01	-.00018	.02931	1.0371	.00033	.02241
Stddev	.00035	.00032	3.36	.00025	.00222	.0276	.00031	.00157
%RSD	8.9608	62.907	1.0186	137.96	7.5678	2.6603	93.668	6.9984

#1	.00406	-.00087	332.01	-.00013	.02971	1.0054	.00069	.02160
#2	.00356	-.00042	331.89	-.00045	.03131	1.0508	.00015	.02141
#3	.00425	-.00025	326.13	.00004	.02692	1.0552	.00015	.02422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25619	.42375	.00201	.00634	.00465	.0008	.11839	4.5308
Stddev	.01412	.00028	.00068	.00330	.00193	.0012	.00027	.0332
%RSD	5.5133	.06644	33.945	52.040	41.387	144.7	.22986	.73322

#1	.24514	.42387	.00195	.00265	.00623	.0002	.11826	4.5398
#2	.25132	.42395	.00271	.00902	.00522	.0000	.11871	4.4940
#3	.27210	.42342	.00135	.00734	.00251	.0022	.11822	4.5586

Sample Name: K1016-10 Acquired: 1/28/2019 14:02:12 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-4-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.1354
Stddev	.5403
%RSD	7.5721

#1	6.6648
#2	7.7254
#3	7.0161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.4	38366.	3398.8	9.3964	3257.0
Stddev	8.3	57.	17.1	.7394	9.5
%RSD	.25919	.14857	.50340	7.8690	.29221

#1	3182.6	38427.	3388.6	9.1729	3249.4
#2	3192.5	38315.	3389.3	8.7946	3253.8
#3	3199.0	38355.	3418.6	10.222	3267.7

Sample Name: K1224-02 Acquired: 1/28/2019 14:06:48 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00454	4.6122	-.00205	.00055	.08685	.54905
Stddev	.00276	.00070	.0103	.00377	.00091	.01652	.00540
%RSD	15124.	15.434	.22292	183.79	164.90	19.018	.98434

#1	.00277	-.00377	4.6035	.00200	.00153	.07070	.55259
#2	.00003	-.00515	4.6096	-.00546	.00041	.10371	.54283
#3	-.00274	-.00469	4.6235	-.00270	-.00028	.08614	.55174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00324	19.736	-.00286	.00511	-.00888	20.489
Stddev	.00010	.00034	.123	.00031	.00019	.00094	2.977
%RSD	42.721	10.486	.62219	10.906	3.6649	10.575	14.532

#1	.00035	.00340	19.711	-.00295	.00519	-.00804	18.763
#2	.00019	.00347	19.869	-.00252	.00489	-.00871	18.776
#3	.00016	.00285	19.628	-.00312	.00524	-.00990	23.927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44959	1.5019	.01293	-.00289	279.88	-.00045	1.5849
Stddev	.00052	.0248	.00034	.00028	.46	.00054	.3225
%RSD	.11643	1.6483	2.6514	9.5192	.16370	120.06	20.351

#1	.44974	1.4786	.01326	-.00299	279.36	.00008	1.3901
#2	.44901	1.5279	.01296	-.00311	280.23	-.00099	1.4073
#3	.45002	1.4993	.01258	-.00258	280.04	-.00043	1.9571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4556	-.00050	.03289	.57105	.94384	.00088	.00622
Stddev	.0375	.00011	.00564	.06135	.01130	.00075	.00162
%RSD	2.5736	22.284	17.157	10.744	1.1971	85.787	25.985

#1	1.4724	-.00060	.03301	.55016	.93537	.00084	.00690
#2	1.4127	-.00038	.02718	.64012	.95667	.00164	.00438
#3	1.4818	-.00053	.03847	.52288	.93948	.00014	.00739

Sample Name: K1224-02 Acquired: 1/28/2019 14:06:48 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00710	.0000	.09544	4.2423	F<.00000
Stddev	.00250	.0015	.00357	.0856	.11360
%RSD	35.251	17910.	3.7436	2.0172	.34870
#1	.00501	-.0004	.09744	4.1536	-32.447
#2	.00641	-.0013	.09756	4.2489	-32.640
#3	.00987	.0017	.09131	4.3243	-32.647
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.7	38941.	3388.5	8.3326	3346.3
Stddev	9.5	111.	23.5	1.5227	7.5
%RSD	.29071	.28573	.69375	18.274	.22478
#1	3257.0	38948.	3409.0	9.2545	3351.1
#2	3257.4	39048.	3362.8	9.1682	3350.2
#3	3240.8	38826.	3393.6	6.5750	3337.6

Sample Name: K1224-04 Acquired: 1/28/2019 14:11:18 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00911	-.00437	.04763	.00054	-.00097	.08458	.26563
Stddev	.00107	.00053	.00130	.00259	.00090	.01390	.00283
%RSD	11.765	12.170	2.7327	480.98	92.897	16.434	1.0639

#1	.01025	-.00468	.04628	.00254	-.00028	.07404	.26874
#2	.00897	-.00467	.04888	-.00238	-.00199	.10033	.26493
#3	.00812	-.00375	.04773	.00145	-.00064	.07936	.26322

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00086	23.948	.00009	.00628	.00092	14.236
Stddev	.00001	.00005	.032	.00051	.00035	.00051	.243
%RSD	21.771	6.1686	.13216	596.17	5.5411	55.379	1.7048

#1	.00005	-.00088	23.917	.00035	.00654	.00037	14.175
#2	.00004	-.00079	23.980	-.00050	.00641	.00102	14.029
#3	.00007	-.00089	23.946	.00041	.00588	.00138	14.503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71995	2.0099	.00594	-.00186	270.90	.00113	.25912
Stddev	.00141	.0513	.00011	.00065	3.46	.00020	.00583
%RSD	.19639	2.5528	1.8449	34.819	1.2772	17.735	2.2496

#1	.71856	2.0099	.00583	-.00201	273.60	.00132	.26260
#2	.72139	2.0611	.00605	-.00242	272.09	.00092	.25239
#3	.71991	1.9585	.00594	-.00115	267.00	.00116	.26236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5310	.00050	.03750	.56153	1.5281	.00194	.00775
Stddev	.0329	.00021	.01729	.03028	.0195	.00026	.00263
%RSD	2.1512	41.118	46.107	5.3924	1.2764	13.510	33.955

#1	1.4982	.00039	.01958	.56464	1.5290	.00217	.00940
#2	1.5640	.00074	.03884	.59013	1.5472	.00200	.00912
#3	1.5308	.00038	.05408	.52981	1.5082	.00166	.00471

Sample Name: K1224-04 Acquired: 1/28/2019 14:11:18 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00356	.0626	.10798	4.4232	F<.00000
Stddev	.00323	.0013	.00024	.0547	.96240
%RSD	90.618	2.086	.21903	1.2374	5.8669
#1	.00683	.0641	.10777	4.4863	-15.489
#2	.00038	.0620	.10795	4.3889	-17.408
#3	.00348	.0617	.10824	4.3944	-16.314
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.7	38713.	3380.6	7.8409	3345.4
Stddev	13.4	89.	38.1	.1935	15.8
%RSD	.41612	.23050	1.1263	2.4684	.47174
#1	3220.3	38812.	3344.2	7.7136	3334.8
#2	3245.9	38639.	3377.5	8.0636	3363.5
#3	3225.9	38689.	3420.2	7.7455	3337.9

Sample Name: K1224-06 Acquired: 1/28/2019 14:15:52 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00699	-.00438	.00299	-.00399	-.00014	.10699	.32345
Stddev	.00250	.00218	.00070	.00182	.00098	.01175	.00328
%RSD	35.709	49.892	23.414	45.733	693.61	10.980	1.0141

#1	.00796	-.00690	.00349	-.00327	-.00022	.11144	.32132
#2	.00415	-.00306	.00330	-.00606	-.00108	.11586	.32723
#3	.00885	-.00317	.00219	-.00263	.00088	.09367	.32181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00104	16.484	-.00114	.01648	.00437	26.907
Stddev	.00012	.00023	.067	.00041	.00023	.00039	1.866
%RSD	102.02	22.361	.40671	35.642	1.3766	8.9636	6.9362

#1	.00021	-.00080	16.491	-.00081	.01624	.00477	24.760
#2	-.00002	-.00106	16.548	-.00160	.01651	.00437	28.136
#3	.00016	-.00126	16.414	-.00102	.01670	.00398	27.826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69989	1.0407	.00468	-.00415	299.13	.00300	.09457
Stddev	.00189	.0334	.00049	.00037	1.73	.00045	.01077
%RSD	.26977	3.2122	10.532	8.9719	.57958	14.847	11.394

#1	.69852	1.0791	.00478	-.00446	297.26	.00263	.08214
#2	.70205	1.0251	.00415	-.00374	300.69	.00288	.10131
#3	.69911	1.0180	.00512	-.00425	299.42	.00349	.10025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5886	-.00006	.03285	.36625	.82150	.00164	.00675
Stddev	.0138	.00013	.00165	.02115	.00354	.00121	.00173
%RSD	.86551	206.22	5.0120	5.7739	.43056	74.085	25.635

#1	1.5955	-.00007	.03237	.34644	.81891	.00253	.00781
#2	1.5728	-.00019	.03149	.38852	.82553	.00026	.00769
#3	1.5976	.00007	.03468	.36379	.82007	.00213	.00475

Sample Name: K1224-06 Acquired: 1/28/2019 14:15:52 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00163	.0188	.04952	4.3344	F<.00000
Stddev	.00195	.0009	.00187	.1091	.97214
%RSD	119.01	4.789	3.7859	2.5164	2.0702
#1	.00127	.0180	.05168	4.2198	-46.728
#2	-.00010	.0198	.04835	4.4369	-46.124
#3	.00374	.0186	.04853	4.3465	-48.026
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.2	38497.	3361.4	7.4894	3291.2
Stddev	4.3	175.	22.8	.8302	1.2
%RSD	.13436	.45482	.67768	11.084	.03664
#1	3220.2	38605.	3369.6	8.4432	3292.5
#2	3212.6	38295.	3335.7	6.9295	3290.1
#3	3212.8	38591.	3379.0	7.0955	3291.0

Sample Name: K1224-08 Acquired: 1/28/2019 14:20:26 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00414	1.6063	-.00069	-.00080	.05895	.63504
Stddev	.00304	.00061	.0059	.00327	.00062	.01123	.00659
%RSD	157.18	14.613	.36960	471.11	77.613	19.055	1.0370

#1	-.00537	-.00370	1.6017	-.00061	-.00074	.07188	.63806
#2	-.00082	-.00483	1.6130	-.00400	-.00144	.05345	.63957
#3	.00039	-.00389	1.6041	.00253	-.00021	.05153	.62748

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00095	26.164	-.00083	.00855	.06844	5.6421
Stddev	.00005	.00003	.187	.00002	.00017	.00038	.4324
%RSD	15.981	3.5823	.71494	2.3448	1.9521	.56208	7.6632

#1	.00039	.00092	26.123	-.00081	.00855	.06850	5.5541
#2	.00036	.00093	26.368	-.00084	.00838	.06804	6.1116
#3	.00028	.00099	26.001	-.00085	.00871	.06880	5.2604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70282	3.6996	.00563	-.00049	333.58	-.00070	.39866
Stddev	.00150	.0300	.00035	.00076	3.03	.00019	.03095
%RSD	.21393	.81121	6.1465	155.43	.90940	27.252	7.7636

#1	.70367	3.7130	.00540	.00001	335.06	-.00048	.39882
#2	.70108	3.7206	.00603	-.00011	335.58	-.00079	.42953
#3	.70371	3.6652	.00546	-.00137	330.09	-.00082	.36763

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7792	-.00007	.06044	.54605	1.0116	.00196	.01248
Stddev	.0096	.00026	.00993	.00277	.0135	.00032	.00165
%RSD	.54035	368.38	16.424	.50722	1.3371	16.344	13.211

#1	1.7795	-.00021	.06215	.54919	1.0124	.00181	.01437
#2	1.7886	-.00023	.06940	.54397	1.0246	.00175	.01139
#3	1.7694	.00023	.04977	.54498	.99760	.00233	.01167

Sample Name: K1224-08 Acquired: 1/28/2019 14:20:26 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00871	-.0000	.11451	4.3926	F<.00000
Stddev	.00245	.0007	.00037	.0342	.71937
%RSD	28.153	4152.	.32510	.77804	32.527

#1	.01042	-.0001	.11456	4.3558	-1.9388
#2	.00980	.0007	.11486	4.3986	-3.0275
#3	.00590	-.0007	.11412	4.4233	-1.6686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.1	38475.	3383.0	8.6977	3286.0
Stddev	6.1	99.	18.5	.7079	2.2
%RSD	.19026	.25672	.54643	8.1391	.06658

#1	3216.5	38428.	3377.1	8.6523	3285.9
#2	3209.5	38589.	3368.1	8.0136	3283.9
#3	3204.3	38409.	3403.7	9.4273	3288.2

Sample Name: LR CHECK 1 Acquired: 1/28/2019 14:26:38 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02150	-.03273	.14513	-.25180	.07325	F 2165.7	-.01533
Stddev	.00951	.00197	.01980	.04990	.00515	23.4	.00632
%RSD	44.228	6.0206	13.644	19.815	7.0333	1.0813	41.229

#1	-.02352	-.03468	.16783	-.30904	.07668	2139.6	-.00863
#2	-.01114	-.03074	.13614	-.22887	.07574	2184.8	-.02118
#3	-.02983	-.03277	.13142	-.21749	.06733	2172.6	-.01617

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00647	-.01706	1711.0	.00029	.04497	-.02560	F 907.43
Stddev	.00021	.01298	22.8	.00177	.00217	.02042	63.92
%RSD	3.2601	76.082	1.3297	603.43	4.8219	79.774	7.0441

#1	.00630	-.00230	1712.5	.00234	.04711	-.00216	839.07
#2	.00641	-.02217	1687.5	-.00080	.04504	-.03957	965.71
#3	.00671	-.02670	1732.9	-.00065	.04277	-.03507	917.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	F 1942.6	.06390	-.13336	F 1952.0	.00540	-.00912
Stddev	.00028	18.6	.00426	.00693	37.6	.00026	.00358
%RSD	7.3399	.95760	6.6624	5.1975	1.9242	4.7450	39.214

#1	.00408	1948.7	.06775	-.14120	1978.5	.00533	-.00651
#2	.00364	1921.7	.06462	-.12804	1909.0	.00519	-.00765
#3	.00356	1957.4	.05933	-.13083	1968.3	.00569	-.01320

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1096.3	-.00460	-.51830	1.1184	-.01871	.06547	-.06481
Stddev	16.2	.00116	.09001	.0790	.00496	.00631	.00398
%RSD	1.4819	25.206	17.366	7.0635	26.519	9.6451	6.1374

#1	1102.1	-.00591	-.60867	1.0298	-.01349	.07224	-.06027
#2	1078.0	-.00416	-.42866	1.1816	-.01926	.06443	-.06650
#3	1108.8	-.00372	-.51757	1.1439	-.02336	.05974	-.06767

Sample Name: LR CHECK 1 Acquired: 1/28/2019 14:26:38 Type: Unk
 Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21375	.0362	-.97858	5.6994	F<.00000
Stddev	.00384	.0032	.07029	.0329	3.9534
%RSD	1.7957	8.804	7.1824	.57738	.31380

#1	.20948	.0383	-.90340	5.6933	-1256.7
#2	.21486	.0379	-1.0426	5.7350	-1258.6
#3	.21691	.0326	-.98971	5.6700	-1264.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.0	27173.	2847.2	8.9249	2033.0
Stddev	96.8	142.	34.4	.6570	87.8
%RSD	3.9417	.52277	1.2079	7.3616	4.3173

#1	2351.6	27160.	2847.0	9.6458	1938.1
#2	2477.6	27038.	2881.7	8.3597	2049.6
#3	2542.0	27322.	2812.9	8.7693	2111.2

Sample Name: LR CHECK 2 Acquired: 1/28/2019 14:31:29 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00035	F 265.99	.02907	-.05017	4.4263	F 106.64	-.00166
Stddev	.00137	.00061	.44	.00598	.00321	.0497	1.13	.00011
%RSD	78.386	176.15	.16510	20.588	6.4041	1.1224	1.0579	6.6092
#1	-.00186	-.00104	266.19	.02556	-.05226	4.3724	106.01	-.00176
#2	-.00032	-.00012	265.48	.03598	-.04647	4.4702	105.95	-.00168
#3	-.00305	.00012	266.28	.02567	-.05178	4.4364	107.94	-.00155
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01011	3.3868	-.14516	-.00045	229.20	2.2834	F 48.785	3.4977
Stddev	.00012	.0388	.00007	.00032	2.12	.1754	.173	.0605
%RSD	1.1731	1.1442	.04970	72.230	.92675	7.6795	.35429	1.7301
#1	-.00998	3.3428	-.14513	-.00036	229.24	2.1090	48.725	3.5105
#2	-.01015	3.4017	-.14511	-.00081	227.05	2.2816	48.980	3.5507
#3	-.01021	3.4159	-.14524	-.00018	231.30	2.4597	48.650	3.4317
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.618	.00942	5.0129	-.03503	F 38.287	2.6268	-.00623	-.00321
Stddev	.229	.00034	.0226	.00044	3.118	.0538	.00053	.00713
%RSD	.41912	3.6575	.45116	1.2527	8.1439	2.0474	8.4845	222.12
#1	54.462	.00907	5.0337	-.03481	36.728	2.6810	-.00658	-.00459
#2	54.881	.00976	5.0162	-.03475	36.255	2.6259	-.00649	.00451
#3	54.511	.00943	4.9888	-.03554	41.877	2.5735	-.00562	-.00955
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07799	-.00786	.00350	.02554	-.00548	F -3.623	-.00053	4.0434
Stddev	.00598	.00159	.00007	.00168	.00041	.008	.00034	.0737
%RSD	7.6711	20.293	2.0615	6.5754	7.5378	.2295	63.671	1.8235
#1	-.08148	-.00632	.00356	.02732	-.00563	-3.619	-.00020	3.9671
#2	-.07108	-.00776	.00342	.02398	-.00501	-3.633	-.00052	4.1142
#3	-.08140	-.00950	.00351	.02534	-.00580	-3.618	-.00088	4.0490

Sample Name: LR CHECK 2 Acquired: 1/28/2019 14:31:29 Type: Unk
Method: P4-ICP2(v2794) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	23.925
Stddev	.685
%RSD	2.8644

#1	24.078
#2	23.175
#3	24.520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.3	40648.	3404.9	6.4129	3368.8
Stddev	5.9	194.	18.2	.4982	5.9
%RSD	.21257	.47791	.53323	7.7685	.17573

#1	2795.4	40861.	3400.0	6.6705	3372.5
#2	2797.9	40481.	3425.0	6.7295	3362.0
#3	2786.6	40602.	3389.7	5.8386	3372.0

Sample Name: CCV03 Acquired: 1/28/2019 15:08:46 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1567	5.0791	5.0946	5.1304	5.2180	10.978	9.7091	.25847
Stddev	.0201	.0185	.0239	.0137	.0254	.081	.1016	.00103
%RSD	.38963	.36375	.46987	.26692	.48734	.74221	1.0461	.39693
#1	5.1753	5.0909	5.1108	5.1355	5.2348	10.885	9.7963	.25925
#2	5.1594	5.0886	5.1058	5.1408	5.2305	11.037	9.5976	.25731
#3	5.1354	5.0578	5.0671	5.1149	5.1887	11.013	9.7332	.25885
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4975	26.944	1.0511	2.5149	1.2717	5.3793	2.6099	24.599
Stddev	.0112	.216	.0041	.0118	.0047	1.0605	.0041	.298
%RSD	.44722	.80050	.39020	.47070	.37121	19.714	.15553	1.2099
#1	2.5051	26.965	1.0532	2.5241	1.2725	6.5783	2.6077	24.592
#2	2.5027	26.719	1.0464	2.5192	1.2759	4.5643	2.6074	24.305
#3	2.4847	27.148	1.0538	2.5016	1.2666	4.9952	2.6146	24.900
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4759	1.2407	24.314	2.4696	2.6241	24.911	5.0609	5.0997
Stddev	.0121	.0022	.215	.0020	.5169	.258	.0158	.0104
%RSD	.48881	.17918	.88544	.08250	19.699	1.0346	.31162	.20493
#1	2.4859	1.2409	24.499	2.4701	3.2121	25.119	5.0664	5.1085
#2	2.4795	1.2383	24.078	2.4674	2.2411	24.622	5.0731	5.0881
#3	2.4625	1.2428	24.365	2.4713	2.4191	24.990	5.0431	5.1023
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9759	4.9116	4.9003	5.0734	5.3126	5.045	5.4364	4.8522
Stddev	.0588	.0510	.0094	.0234	.0636	.015	.0559	.0580
%RSD	1.1815	1.0376	.19177	.46092	1.1974	.2865	1.0279	1.1962
#1	5.0329	4.9477	4.9051	5.0967	5.3580	5.061	5.4767	4.8937
#2	4.9794	4.8533	4.9064	5.0499	5.2399	5.042	5.3726	4.7859
#3	4.9154	4.9338	4.8895	5.0734	5.3400	5.032	5.4598	4.8771

Sample Name: CCV03 Acquired: 1/28/2019 15:08:46 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9175
Stddev	.6453
%RSD	33.653

#1	1.1752
#2	2.2328
#3	2.3447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3156.8	38007.	3243.4	7.1114	3254.0
Stddev	8.9	83.	31.7	1.2789	12.3
%RSD	.28323	.21843	.97836	17.984	.37885

#1	3149.6	37952.	3215.4	5.6773	3244.2
#2	3153.9	38102.	3277.9	8.1334	3250.1
#3	3166.8	37966.	3237.1	7.5236	3267.8

Sample Name: CCB03 Acquired: 1/28/2019 15:19:12 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	.00011	.00054	.00169	-.00198	.01432	.00054
Stddev	.00165	.00151	.00026	.00177	.00081	.00446	.00191
%RSD	44.368	1368.7	49.336	104.22	41.103	31.137	351.35

#1	-.00526	-.00121	.00082	.00281	-.00279	.01901	.00180
#2	-.00198	.00175	.00029	.00262	-.00116	.01380	-.00165
#3	-.00393	-.00021	.00050	-.00034	-.00199	.01014	.00148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00009	.00948	.00007	-.00001	-.00025	.00351
Stddev	.00005	.00011	.01212	.00016	.00006	.00033	.01798
%RSD	69.017	128.46	127.80	211.38	430.22	129.96	511.75

#1	.00013	.00004	.01727	.00023	.00005	-.00031	.01254
#2	.00003	-.00011	.01565	-.00009	-.00006	-.00055	.01519
#3	.00007	-.00019	-.00448	.00009	-.00004	.00010	-.01719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01910	.00023	-.00050	-.01815	-.00020	-.00034
Stddev	.00003	.02461	.00011	.00021	.01422	.00050	.00022
%RSD	58.551	128.85	49.809	40.759	78.329	250.19	64.454

#1	.00005	.00845	.00019	-.00028	-.00911	.00030	-.00010
#2	.00009	-.02684	.00036	-.00069	-.01080	-.00070	-.00053
#3	.00002	-.03890	.00014	-.00055	-.03453	-.00020	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10905	.00009	.00341	F .03433	.00771	-.00066	F .01057
Stddev	.02463	.00038	.00977	.03755	.00060	.00062	.00079
%RSD	22.591	427.47	286.92	109.39	7.8067	93.958	7.4426

#1	.10526	.00043	.01469	.07471	.00805	-.00075	.01138
#2	.13536	.00016	-.00246	.00048	.00702	.00000	.01050
#3	.08652	-.00032	-.00201	.02779	.00806	-.00122	.00981

Sample Name: CCB03 Acquired: 1/28/2019 15:19:12 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.0007	-.00001	F 3.8673	F<.00000
Stddev	.00378	.0006	.00011	.0963	.68801
%RSD	307.89	88.16	1330.1	2.4907	118.82
#1	-.00110	.0000	-.00000	3.7590	-.61510
#2	.00248	-.0010	-.00012	3.9436	-1.2483
#3	-.00507	-.0011	.00010	3.8992	.12628
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.8	40430.	3240.0	7.9432	3717.4
Stddev	8.5	112.	13.6	.9917	14.1
%RSD	.25715	.27693	.41938	12.485	.37848
#1	3309.8	40429.	3233.3	6.8636	3709.9
#2	3316.9	40319.	3255.6	8.8136	3708.7
#3	3326.8	40542.	3231.0	8.1523	3733.7

Sample Name: K1231-01 Acquired: 1/28/2019 15:32:33 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03756	-.02391	1.1643	-.00791	.00015	155.17	1.1257
Stddev	.00307	.00138	.0090	.00935	.00185	.72	.0104
%RSD	8.1798	5.7902	.77013	118.17	1198.3	.46180	.92368

#1	.03475	-.02493	1.1667	-.01500	-.00182	155.92	1.1332
#2	.04084	-.02447	1.1718	-.01143	.00184	155.10	1.1138
#3	.03708	-.02233	1.1544	.00269	.00045	154.49	1.1301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00884	-.01014	30.589	.25642	.10935	.63580	259.82
Stddev	.00009	.00431	.176	.00114	.00030	.00883	38.04
%RSD	1.0416	42.561	.57514	.44412	.27186	1.3895	14.641

#1	.00877	-.00819	30.766	.25721	.10902	.63807	243.02
#2	.00881	-.00714	30.414	.25694	.10946	.64328	233.08
#3	.00895	-.01508	30.588	.25512	.10959	.62606	303.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0401	35.121	.24147	-.01022	4.9587	.31275	1.2955
Stddev	.0269	.283	.00053	.00531	.0514	.00050	.1922
%RSD	.53384	.80623	.21844	51.957	1.0372	.16036	14.833

#1	5.0698	35.335	.24115	-.01240	4.9637	.31229	1.2072
#2	5.0331	34.800	.24208	-.01410	4.9050	.31329	1.1633
#3	5.0174	35.229	.24119	-.00417	5.0075	.31268	1.5159

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3697	.00143	.06175	1.3746	3.5004	.02930	1.3218
Stddev	.0194	.00029	.05612	.0253	.0464	.00108	.0060
%RSD	.23140	19.972	90.880	1.8414	1.3245	3.6861	.45608

#1	8.3821	.00173	.04021	1.3719	3.5062	.02837	1.3270
#2	8.3474	.00116	.01959	1.4012	3.4514	.02905	1.3152
#3	8.3796	.00141	.12544	1.3508	3.5436	.03049	1.3231

Sample Name: K1231-01 Acquired: 1/28/2019 15:32:33 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20261	7.831	-.04266	2.0598	F<.00000
Stddev	.00169	.046	.04194	.1128	1.5954
%RSD	.83326	.5905	98.327	5.4770	.43292
#1	.20301	7.825	-.02447	2.1864	-366.92
#2	.20406	7.880	-.01288	2.0232	-368.55
#3	.20076	7.788	-.09062	1.9699	-370.11
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3737.7	44937.	3917.9	7.4720	3095.7
Stddev	8.1	190.	32.3	1.0232	8.2
%RSD	.21628	.42194	.82510	13.694	.26502
#1	3737.8	44738.	3907.1	7.9125	3091.1
#2	3729.6	44957.	3954.3	8.2011	3090.9
#3	3745.8	45115.	3892.4	6.3023	3105.2

Sample Name: K1233-01 Acquired: 1/28/2019 15:37:01 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02334	-.34805	.01320	-.08306	.00205	125.91	.14635
Stddev	.00192	.00283	.00796	.00954	.00198	.14	.00194
%RSD	8.2306	.81383	60.295	11.484	96.713	.11310	1.3235

#1	-.02264	-.34900	.01526	-.08001	.00433	125.76	.14797
#2	-.02551	-.35029	.01993	-.09375	.00097	125.94	.14421
#3	-.02187	-.34486	.00441	-.07542	.00084	126.04	.14689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00371	-.00249	86.195	.07217	.47612	1.6833	461.59
Stddev	.00033	.00447	.813	.00130	.00118	.0076	39.63
%RSD	8.9212	179.59	.94336	1.8079	.24708	.45348	8.5856

#1	.00379	-.00135	86.320	.07146	.47480	1.6842	451.35
#2	.00335	.00130	85.327	.07368	.47651	1.6904	428.08
#3	.00400	-.00742	86.938	.07138	.47706	1.6752	505.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7620	137.40	.44475	-.06361	4.5463	.87099	.42089
Stddev	.0155	.72	.00045	.00448	.0235	.00085	.03501
%RSD	.32490	.52206	.10091	7.0485	.51666	.09726	8.3170

#1	4.7460	137.18	.44514	-.06461	4.5522	.87020	.41049
#2	4.7769	136.82	.44426	-.06750	4.5205	.87089	.39226
#3	4.7633	138.20	.44484	-.05871	4.5664	.87188	.45992

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5280	-.00162	.01175	2.9116	1.5003	.03042	F 15.635
Stddev	.0243	.00015	.06220	.0514	.0373	.00057	.160
%RSD	1.5890	9.2259	529.41	1.7666	2.4862	1.8866	1.0254

#1	1.5051	-.00173	-.00577	2.8526	1.4891	.03055	15.620
#2	1.5534	-.00167	-.03982	2.9472	1.4698	.02979	15.482
#3	1.5254	-.00145	.08083	2.9350	1.5419	.03092	15.802

Sample Name: K1233-01 Acquired: 1/28/2019 15:37:01 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08941	9.187	-.21814	.49730	F<.00000
Stddev	.00046	.002	.04032	.07586	1.2429
%RSD	.50977	.0243	18.484	15.255	.12343
#1	.08935	9.184	-.20699	.40980	-1007.7
#2	.08899	9.188	-.18457	.54463	-1005.5
#3	.08990	9.188	-.26286	.53746	-1007.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.2	46398.	4117.5	10.445	2847.3
Stddev	9.7	40.	41.8	.872	8.7
%RSD	.25574	.08642	1.0152	8.3489	.30626
#1	3773.5	46440.	4113.6	10.634	2844.2
#2	3790.4	46395.	4161.1	11.207	2857.2
#3	3773.7	46360.	4077.8	9.4939	2840.6

Sample Name: K1234-03 Acquired: 1/28/2019 15:41:30 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41906	-.03014	F 963.95	.02924	F 71.328	8.5595	11.833
Stddev	.00185	.00496	4.17	.00322	.612	.2430	.012
%RSD	.44030	16.470	.43290	11.023	.85838	2.8384	.09901

#1	.42032	-.03397	959.13	.02950	71.129	8.7756	11.823
#2	.41694	-.03192	966.18	.02589	70.840	8.6063	11.846
#3	.41992	-.02453	966.53	.03232	72.015	8.2966	11.830

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.11270	101.97	F 75.005	1.1235	-.77583	63.958
Stddev	.00015	.00107	.32	2.411	.0047	.02124	8.686
%RSD	51.693	.94537	.31666	3.2142	.41570	2.7380	13.581

#1	-.00014	.11373	101.60	77.510	1.1206	-.77213	54.316
#2	-.00028	.11160	102.12	74.802	1.1210	-.79868	71.171
#3	-.00044	.11276	102.20	72.701	1.1289	-.75668	66.387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1948	26.617	.01138	.02581	2.6542	.17409	F 71.946
Stddev	.0408	.043	.00026	.00107	.0271	.00691	9.310
%RSD	3.4187	.16284	2.2661	4.1401	1.0225	3.9690	12.941

#1	1.2396	26.597	.01111	.02481	2.6362	.18138	62.541
#2	1.1853	26.588	.01162	.02694	2.6854	.17327	81.158
#3	1.1596	26.667	.01139	.02569	2.6411	.16763	72.138

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9458	.03424	.17528	F 89.292	.77209	.94577	1.6919
Stddev	.0317	.00053	.01360	.395	.03714	.00603	.0122
%RSD	1.6272	1.5589	7.7605	.44285	4.8108	.63751	.72345

#1	1.9816	.03429	.16246	89.006	.81112	.94473	1.7024
#2	1.9343	.03369	.18955	89.125	.76797	.94032	1.6949
#3	1.9215	.03475	.17383	89.743	.73717	.95225	1.6785

Sample Name: K1234-03 Acquired: 1/28/2019 15:41:30 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03020	F 16.13	.21991	4.4354	F<.00000
Stddev	.00407	.06	.00819	.2270	.97611
%RSD	13.470	.3862	3.7221	5.1182	1.3066
#1	.03398	16.09	.22893	4.6712	-75.559
#2	.02589	16.10	.21296	4.4167	-73.640
#3	.03072	16.21	.21784	4.2183	-74.910
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.0	40581.	3171.8	7.1397	3428.7
Stddev	8.8	1327.	4.6	1.0138	1.2
%RSD	.28691	3.2702	.14543	14.199	.03430
#1	3063.6	39238.	3175.5	8.2779	3429.9
#2	3072.9	40613.	3166.7	6.3338	3428.7
#3	3055.3	41891.	3173.3	6.8073	3427.5

Sample Name: K1238-01 Acquired: 1/28/2019 15:50:36 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10276	-.04829	.15587	-.02023	.00022	110.39	.55689
Stddev	.00189	.00445	.00425	.00585	.00132	.26	.00576
%RSD	1.8385	9.2119	2.7278	28.899	600.71	.23633	1.0351

#1	.10223	-.04466	.15838	-.01762	-.00097	110.16	.56218
#2	.10486	-.05325	.15827	-.02693	-.00002	110.67	.55774
#3	.10120	-.04695	.15096	-.01615	.00164	110.34	.55074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00815	-.00625	286.60	.45027	.03971	.10303	182.66
Stddev	.00010	.00168	1.63	.00185	.00016	.00241	16.12
%RSD	1.1983	26.905	.56968	.41069	.39415	2.3397	8.8246

#1	.00821	-.00627	287.69	.44907	.03981	.10259	183.44
#2	.00820	-.00456	287.40	.44935	.03953	.10563	166.17
#3	.00804	-.00792	284.73	.45240	.03978	.10087	198.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3191	92.039	.13427	-.01943	3.4534	1.1778	.41608
Stddev	.0369	.194	.00041	.00197	.0135	.0016	.03825
%RSD	.39649	.21045	.30877	10.160	.39040	.13669	9.1928

#1	9.3376	92.258	.13442	-.01914	3.4631	1.1788	.41957
#2	9.2766	91.968	.13459	-.02153	3.4590	1.1760	.37621
#3	9.3431	91.890	.13381	-.01762	3.4380	1.1787	.45247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.548	.00776	-.02149	7.9490	5.7706	.01021	3.0748
Stddev	.037	.00031	.01430	.0505	.0310	.00069	.0135
%RSD	.31936	4.0362	66.555	.63512	.53727	6.7138	.44013

#1	11.590	.00752	-.02694	7.9869	5.8064	.01077	3.0878
#2	11.524	.00811	-.03225	7.9685	5.7520	.01043	3.0759
#3	11.529	.00764	-.00526	7.8917	5.7534	.00945	3.0608

Sample Name: K1238-01 Acquired: 1/28/2019 15:50:36 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10443	4.428	.25915	4.7744	F<.00000
Stddev	.00291	.012	.01938	.1042	.98269
%RSD	2.7897	.2756	7.4789	2.1833	.34847
#1	.10156	4.414	.26117	4.7750	-280.89
#2	.10739	4.436	.27744	4.6698	-282.75
#3	.10434	4.434	.23883	4.8783	-282.37
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.1	37826.	3331.1	8.2651	2926.6
Stddev	2.9	97.	18.6	.7672	4.7
%RSD	.09294	.25691	.55869	9.2826	.16136
#1	3141.9	37827.	3310.2	8.1607	2925.6
#2	3146.4	37923.	3337.3	9.0791	2931.8
#3	3141.0	37729.	3345.9	7.5554	2922.5

Sample Name: K1238-11 Acquired: 1/28/2019 15:54:58 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07013	-.05403	.13617	-.01640	-.00281	114.16	.51107
Stddev	.00152	.00192	.00665	.00949	.00121	.37	.00439
%RSD	2.1685	3.5491	4.8817	57.877	43.144	.32786	.85908

#1	.06841	-.05535	.13729	-.01643	-.00420	113.73	.51048
#2	.07069	-.05491	.14219	-.02587	-.00209	114.41	.51572
#3	.07129	-.05183	.12904	-.00689	-.00213	114.33	.50700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00732	-.00455	571.00	.72243	.04054	.11039	202.03
Stddev	.00021	.00339	.80	.00573	.00020	.00664	29.61
%RSD	2.8665	74.430	.14049	.79273	.49389	6.0183	14.655

#1	.00726	-.00495	571.92	.71612	.04077	.11021	204.75
#2	.00715	-.00098	570.54	.72386	.04041	.11712	171.16
#3	.00756	-.00773	570.52	.72730	.04044	.10383	230.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.754	234.06	.10349	-.02891	2.7496	F 7.3713	.53497
Stddev	.313	.15	.00078	.00346	.0143	.0152	.07862
%RSD	.78755	.06338	.75377	11.970	.51908	.20612	14.696

#1	39.407	233.90	.10412	-.02786	2.7351	7.3551	.54233
#2	39.839	234.19	.10373	-.03278	2.7502	7.3852	.45292
#3	40.015	234.10	.10262	-.02610	2.7636	7.3737	.60964

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6153	.00357	-.04642	5.6723	7.1121	.01622	6.0396
Stddev	.0238	.00041	.03783	.0826	.0212	.00024	.0147
%RSD	.27566	11.366	81.488	1.4563	.29786	1.4789	.24394

#1	8.6169	.00322	-.04371	5.7542	7.1334	.01645	6.0431
#2	8.5909	.00348	-.08554	5.5890	7.0910	.01597	6.0523
#3	8.6383	.00401	-.01002	5.6737	7.1120	.01622	6.0234

Sample Name: K1238-11 Acquired: 1/28/2019 15:54:58 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12423	9.042	.29010	5.1708	F<.00000
Stddev	.00383	.006	.03257	.0417	2.1289
%RSD	3.0835	.0641	11.228	.80607	.66502
#1	.12789	9.036	.28838	5.2006	-319.75
#2	.12025	9.048	.32350	5.1886	-318.21
#3	.12455	9.041	.25842	5.1232	-322.42
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3025.4	36457.	3311.2	8.5929	2709.7
Stddev	11.6	126.	2.4	1.2906	10.7
%RSD	.38418	.34575	.07327	15.019	.39423
#1	3015.7	36598.	3311.3	8.3475	2699.3
#2	3022.3	36356.	3308.7	9.9886	2709.2
#3	3038.3	36417.	3313.5	7.4426	2720.7

Sample Name: K1238-21 Acquired: 1/28/2019 15:59:17 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06577	-.01413	.11473	-.01684	.00127	89.314	.29722
Stddev	.00235	.00090	.00211	.00653	.00383	.686	.00256
%RSD	3.5735	6.3357	1.8423	38.805	300.55	.76827	.86281

#1	.06440	-.01336	.11303	-.01017	.00553	89.438	.29916
#2	.06442	-.01511	.11406	-.01713	-.00188	89.930	.29432
#3	.06848	-.01393	.11710	-.02323	.00017	88.575	.29819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	-.00693	203.66	.20499	.10053	.08896	161.99
Stddev	.00004	.00175	.49	.00067	.00072	.00272	15.20
%RSD	.69904	25.264	.24175	.32581	.71183	3.0523	9.3860

#1	.00548	-.00894	203.88	.20421	.10128	.08592	179.46
#2	.00553	-.00612	204.00	.20537	.10045	.08981	154.78
#3	.00556	-.00573	203.10	.20538	.09986	.09114	151.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2804	81.206	.10313	-.01326	.66276	.27861	.45027
Stddev	.0053	.186	.00031	.00258	.01304	.00062	.04300
%RSD	.23188	.22953	.30346	19.479	1.9673	.22333	9.5508

#1	2.2862	81.366	.10333	-.01039	.67750	.27847	.49981
#2	2.2792	81.002	.10329	-.01400	.65275	.27807	.42854
#3	2.2759	81.252	.10277	-.01539	.65803	.27929	.42247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4104	.00917	-.01972	2.7559	2.4949	.00863	.74569
Stddev	.0485	.00021	.02639	.0602	.0083	.00142	.00217
%RSD	.89723	2.3136	133.80	2.1850	.33473	16.427	.29086

#1	5.4661	.00921	.01073	2.7926	2.5001	.00976	.74354
#2	5.3770	.00893	-.03406	2.6865	2.4853	.00908	.74788
#3	5.3882	.00935	-.03585	2.7888	2.4994	.00704	.74565

Sample Name: K1238-21 Acquired: 1/28/2019 15:59:17 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06340	2.035	.07910	4.6354	F<.00000
Stddev	.00276	.008	.01781	.0716	2.3253
%RSD	4.3488	.3870	22.511	1.5441	.99975
#1	.06446	2.043	.05858	4.7109	-230.09
#2	.06027	2.035	.08837	4.6268	-233.02
#3	.06547	2.027	.09037	4.5685	-234.68
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.2	38138.	3354.8	7.7381	3021.2
Stddev	7.2	152.	17.0	.6998	7.2
%RSD	.22818	.39954	.50563	9.0439	.23846
#1	3170.1	38009.	3344.0	6.9325	3019.9
#2	3161.6	38098.	3374.4	8.0867	3014.8
#3	3176.0	38306.	3346.2	8.1952	3029.0

Sample Name: K1238-31 Acquired: 1/28/2019 16:03:30 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07109	-.02614	.13039	-.02481	.00309	147.28	.65248
Stddev	.00425	.00306	.00499	.00796	.00295	1.00	.00692
%RSD	5.9808	11.704	3.8279	32.093	95.570	.68146	1.0602

#1	.06827	-.02715	.13352	-.03398	.00598	148.07	.65593
#2	.06901	-.02857	.13302	-.02082	.00008	147.62	.65700
#3	.07598	-.02271	.12463	-.01963	.00320	146.15	.64452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01472	-.00324	826.08	.24202	.04090	.11118	149.29
Stddev	.00009	.00178	4.04	.00144	.00034	.00346	15.39
%RSD	.60072	55.012	.48945	.59681	.83784	3.1123	10.311

#1	.01480	-.00242	830.04	.24348	.04102	.11324	142.88
#2	.01462	-.00201	826.24	.24060	.04116	.11313	138.13
#3	.01474	-.00528	821.96	.24198	.04051	.10719	166.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0364	347.35	.12681	-.01737	8.6733	.46242	.38494
Stddev	.0129	2.44	.00138	.00331	.0610	.00230	.04053
%RSD	.21298	.70239	1.0887	19.042	.70379	.49766	10.528

#1	6.0512	348.15	.12539	-.01837	8.6843	.46489	.36868
#2	6.0285	344.61	.12815	-.02005	8.6075	.46203	.35507
#3	6.0294	349.29	.12687	-.01367	8.7281	.46034	.43107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.130	.01581	-.02374	8.7290	3.0431	.01227	1.3244
Stddev	.051	.00034	.02871	.0819	.0248	.00063	.0020
%RSD	.50205	2.1653	120.93	.93843	.81408	5.0936	.15292

#1	10.084	.01541	-.02710	8.6568	3.0677	.01299	1.3234
#2	10.121	.01600	-.05062	8.8180	3.0181	.01192	1.3231
#3	10.185	.01601	.00650	8.7121	3.0436	.01190	1.3268

Sample Name: K1238-31 Acquired: 1/28/2019 16:03:30 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18970	2.584	.71400	5.1894	F<.00000
Stddev	.00262	.005	.02104	.0440	3.0311
%RSD	1.3788	.1822	2.9465	.84820	1.3360
#1	.18893	2.581	.72560	5.1939	-229.68
#2	.18755	2.589	.72669	5.2310	-227.27
#3	.19261	2.581	.68972	5.1433	-223.66
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.4	36113.	3319.4	8.3613	2614.8
Stddev	13.6	165.	23.4	.8293	13.9
%RSD	.45355	.45812	.70378	9.9187	.53130
#1	2990.4	35922.	3300.4	8.6588	2605.1
#2	3017.2	36205.	3345.5	9.0009	2630.7
#3	2999.5	36211.	3312.4	7.4243	2608.6

Sample Name: K1228-01A Acquired: 1/28/2019 16:07:55 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87425	2.3619	2.1167	1.9677	.27161	177.06	1.0091
Stddev	.00630	.0087	.0113	.0086	.00219	1.66	.0045
%RSD	.72080	.36984	.53338	.43441	.80664	.93916	.44631

#1	.87960	2.3708	2.1297	1.9587	.27210	177.66	1.0046
#2	.87586	2.3533	2.1091	1.9687	.27351	178.35	1.0092
#3	.86730	2.3616	2.1114	1.9757	.26922	175.19	1.0136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22107	.23350	79.656	.64574	.35320	.78583	258.37
Stddev	.00313	.00540	.085	.00973	.00097	.01352	43.65
%RSD	1.4148	2.3109	.10663	1.5072	.27366	1.7208	16.896

#1	.22353	.23813	79.558	.65107	.35431	.79788	221.64
#2	.22212	.23480	79.698	.65166	.35274	.78840	246.85
#3	.21755	.22757	79.712	.63451	.35255	.77120	306.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4550	48.120	.80833	.05372	5.5024	.64849	1.1022
Stddev	.0646	.448	.00257	.00495	.0279	.00936	.1882
%RSD	1.1835	.93204	.31776	9.2178	.50773	1.4439	17.078

#1	5.4798	47.819	.80794	.05017	5.4729	.65372	.94654
#2	5.5035	48.635	.80598	.05161	5.5285	.65406	1.0488
#3	5.3817	47.905	.81107	.05938	5.5057	.63767	1.3114

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.780	.39855	.26082	3.5630	8.4621	1.0360	2.8676
Stddev	.054	.00089	.05737	.0408	.0233	.0044	.0185
%RSD	.30118	.22286	21.995	1.1451	.27529	.42528	.64364

#1	17.809	.39924	.21869	3.5695	8.4589	1.0406	2.8621
#2	17.813	.39888	.23762	3.5193	8.4868	1.0355	2.8882
#3	17.718	.39755	.32616	3.6001	8.4406	1.0318	2.8525

Sample Name: K1228-01A Acquired: 1/28/2019 16:07:55 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36813	F 13.52	.24438	3.1709	F<.00000
Stddev	.00311	.06	.04713	.0847	1.2757
%RSD	.84364	.4461	19.284	2.6706	.29699
#1	.36579	13.52	.28436	3.2010	-430.95
#2	.36695	13.47	.25636	3.2363	-428.46
#3	.37165	13.59	.19242	3.0752	-429.21
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.1	42635.	3630.0	8.5706	2989.7
Stddev	9.2	475.	7.5	1.3685	3.7
%RSD	.26269	1.1152	.20540	15.968	.12386
#1	3491.4	42356.	3631.1	9.7908	2989.4
#2	3496.6	42365.	3622.1	8.8301	2993.6
#3	3509.3	43184.	3636.8	7.0909	2986.2

Sample Name: K1238-41 Acquired: 1/28/2019 16:15:55 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05697	-.02581	.12417	-.03680	-.00009	97.655	.47471
Stddev	.00276	.00050	.00466	.00168	.00283	.127	.00612
%RSD	4.8461	1.9251	3.7536	4.5767	2997.3	.12989	1.2886

#1	.06013	-.02554	.12724	-.03495	.00274	97.761	.48176
#2	.05573	-.02550	.12646	-.03824	-.00291	97.688	.47077
#3	.05504	-.02638	.11881	-.03722	-.00012	97.515	.47161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00734	.00377	435.46	.25025	.03235	.09859	60.933
Stddev	.00017	.00038	.43	.00176	.00114	.00299	3.709
%RSD	2.2715	10.191	.09932	.70391	3.5325	3.0286	6.0876

#1	.00720	.00421	435.74	.24999	.03324	.10040	59.781
#2	.00752	.00349	434.97	.25213	.03274	.10023	65.081
#3	.00729	.00361	435.69	.24863	.03106	.09514	57.936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5425	181.04	.11292	-.02241	2.1834	.34350	.46697
Stddev	.0042	.40	.00370	.00108	.0192	.00253	.05042
%RSD	.11829	.22288	3.2777	4.8030	.87725	.73649	10.798

#1	3.5472	181.38	.11575	-.02327	2.2039	.34131	.45598
#2	3.5392	180.59	.11429	-.02120	2.1660	.34627	.52199
#3	3.5410	181.14	.10873	-.02277	2.1803	.34293	.42296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2511	.01096	-.12924	5.5686	4.0909	.00871	1.0312
Stddev	.0429	.00021	.01738	.3203	.0397	.00102	.0028
%RSD	.59173	1.8833	13.446	5.7520	.97118	11.663	.27250

#1	7.2016	.01091	-.13866	5.8755	4.0608	.00804	1.0291
#2	7.2759	.01119	-.10919	5.5941	4.1360	.00988	1.0302
#3	7.2759	.01079	-.13987	5.2364	4.0761	.00822	1.0344

Sample Name: K1238-41 Acquired: 1/28/2019 16:15:55 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09725	2.012	.36682	5.0599	F<.00000
Stddev	.00278	.073	.00474	.1324	2.4322
%RSD	2.8545	3.613	1.2915	2.6173	1.2173

#1	.09474	2.056	.36865	5.1687	-198.20
#2	.09678	2.053	.36144	4.9124	-202.60
#3	.10023	1.928	.37037	5.0986	-198.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.6	36480.	3296.0	7.4589	2856.1
Stddev	78.8	96.	21.9	.7312	86.0
%RSD	2.5693	.26325	.66360	9.8025	3.0097

#1	3014.4	36370.	3271.7	7.6233	2805.6
#2	3026.2	36537.	3314.1	6.6596	2807.4
#3	3156.3	36535.	3302.0	8.0939	2955.4

Sample Name: CCV04 Acquired: 1/28/2019 16:27:24 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14496 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8511	4.7837	4.8143	4.8347	4.9355	10.237	10.497	.24363
Stddev	.0113	.0343	.0090	.0351	.0143	.071	.097	.00058
%RSD	.23381	.71764	.18693	.72516	.28954	.69392	.92117	.23749
#1	4.8642	4.8170	4.8201	4.8688	4.9504	10.167	10.588	.24306
#2	4.8445	4.7856	4.8189	4.8366	4.9342	10.309	10.396	.24361
#3	4.8446	4.7484	4.8040	4.7987	4.9220	10.236	10.507	.24421
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3504	25.173	.98300	2.3791	1.1975	4.7059	2.4559	23.030
Stddev	.0055	.191	.00150	.0075	.0050	.6777	.0054	.134
%RSD	.23272	.75797	.15265	.31353	.41890	14.401	.22089	.57969
#1	2.3549	25.393	.98418	2.3839	1.2032	5.3395	2.4522	22.880
#2	2.3519	25.071	.98131	2.3828	1.1953	3.9914	2.4534	23.137
#3	2.3443	25.054	.98351	2.3705	1.1939	4.7869	2.4622	23.072
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3264	1.1616	22.915	2.3000	2.6596	23.104	4.7419	4.7636
Stddev	.0054	.0025	.149	.0016	.4511	.251	.0159	.0153
%RSD	.23221	.21464	.64853	.06848	16.962	1.0849	.33500	.32086
#1	2.3274	1.1644	23.071	2.2984	3.0572	23.339	4.7601	4.7477
#2	2.3313	1.1607	22.776	2.3015	2.1693	22.840	4.7343	4.7650
#3	2.3206	1.1597	22.897	2.3002	2.7524	23.133	4.7313	4.7781
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7016	4.6071	4.5753	4.8043	5.0289	4.719	5.1447	5.3403
Stddev	.0687	.0512	.0077	.0095	.0463	.008	.0550	.0376
%RSD	1.4601	1.1117	.16805	.19811	.92120	.1707	1.0689	.70364
#1	4.7613	4.6660	4.5800	4.7986	5.0807	4.727	5.2025	5.3811
#2	4.6266	4.5727	4.5796	4.8153	4.9913	4.720	5.0931	5.3329
#3	4.7168	4.5827	4.5665	4.7991	5.0147	4.711	5.1386	5.3071

Sample Name: CCV04 Acquired: 1/28/2019 16:27:24 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14496 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9351
Stddev	.5669
%RSD	29.295

#1	1.7756
#2	1.4651
#3	2.5647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.1	36389.	3097.0	7.6913	3109.9
Stddev	17.2	62.	34.6	1.3794	15.8
%RSD	.57069	.16968	1.1174	17.935	.50914

#1	2991.8	36321.	3058.6	6.5497	3096.9
#2	3009.4	36441.	3125.6	9.2240	3105.3
#3	3026.1	36405.	3106.9	7.3002	3127.6

Sample Name: CCB04 Acquired: 1/28/2019 16:41:43 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14496 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00078	F .00582	.00306	-.00185	.00396	.00946	.00014
Stddev	.00149	.00129	.00037	.00241	.00092	.01631	.00390	.00008
%RSD	309.16	165.10	6.3112	78.662	49.778	411.76	41.234	57.312
#1	-.00053	-.00156	.00621	.00192	-.00109	-.00848	.00724	.00022
#2	-.00195	.00071	.00549	.00143	-.00158	.02243	.00718	.00013
#3	.00103	-.00149	.00574	.00582	-.00287	-.00207	.01397	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.01410	.00003	-.00003	-.00021	-.04160	.00004	-.08171
Stddev	.00003	.00360	.00026	.00020	.00102	.01194	.00007	.04149
%RSD	32.531	25.501	776.67	622.98	482.62	28.712	161.97	50.778
#1	-.00011	-.01029	.00017	-.00004	.00012	-.05023	-.00003	-.04796
#2	-.00011	-.01459	.00019	-.00023	-.00136	-.02797	.00005	-.12803
#3	-.00006	-.01743	-.00027	.00017	.00060	-.04660	.00011	-.06914
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00002	-.06974	-.00013	.00045	-.01127	.00024	.00202
Stddev	.00049	.00045	.00890	.00030	.00006	.01741	.00013	.01775
%RSD	494.91	2176.6	12.755	232.57	13.727	154.51	53.719	878.90
#1	.00028	-.00019	-.06989	.00018	.00038	-.00456	.00025	-.01490
#2	-.00045	.00054	-.07856	-.00042	.00050	-.03104	.00036	.00047
#3	.00047	-.00029	-.06077	-.00014	.00047	.00179	.00011	.02049
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03879	.00922	.00017	.00731	.00019	-.0020	.00010	F 4.1408
Stddev	.02631	.00134	.00070	.00690	.00279	.0010	.00009	.1181
%RSD	67.814	14.567	422.40	94.418	1478.3	48.24	95.074	2.8516
#1	.01905	.00816	.00077	-.00051	.00236	-.0023	.00013	4.2693
#2	.02867	.01073	.00032	.01255	-.00295	-.0028	-.00001	4.1159
#3	.06866	.00878	-.00060	.00989	.00116	-.0009	.00016	4.0371

Sample Name: CCB04 Acquired: 1/28/2019 16:41:43 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14496 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .35710
Stddev	.72936
%RSD	204.24

#1	-.38563
#2	1.0723
#3	.38463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.1	38941.	3136.2	6.8833	3566.3
Stddev	9.9	69.	15.1	.2949	8.0
%RSD	.31094	.17806	.48285	4.2847	.22350

#1	3179.0	38897.	3121.2	7.1886	3563.2
#2	3174.1	38904.	3136.2	6.6000	3560.3
#3	3193.2	39021.	3151.4	6.8614	3575.3

Sample Name: K1015-14 Acquired: 1/28/2019 16:46:26 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00373	.01173	.00503	-.00116	.26986	.14932	.00015
Stddev	.00243	.00195	.00076	.00072	.00142	.02072	.00141	.00012
%RSD	377.95	52.259	6.5102	14.421	122.87	7.6764	.94473	81.407

#1	.00292	-.00342	.01195	.00423	.00026	.24615	.14975	.00020
#2	.00093	-.00582	.01236	.00565	-.00258	.28444	.15046	.00001
#3	-.00192	-.00196	.01088	.00520	-.00115	.27900	.14774	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	46.495	-.00058	.01167	.00866	.09067	1.7815	3.4786
Stddev	.00010	.303	.00021	.00082	.00074	.04302	.0073	.0476
%RSD	87.313	.65094	36.378	6.9919	8.5969	47.451	.41266	1.3698

#1	-.00003	46.173	-.00065	.01237	.00948	.07450	1.7803	3.4266
#2	-.00022	46.537	-.00075	.01187	.00846	.13944	1.7749	3.4890
#3	-.00009	46.774	-.00034	.01077	.00803	.05808	1.7894	3.5201

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	.00037	324.81	-.00105	.02391	1.0326	.00030	.03009
Stddev	.00039	.00035	.39	.00057	.00498	.0413	.00023	.00878
%RSD	6.9878	95.576	.12046	54.651	20.839	4.0030	76.140	29.190

#1	.00586	.00048	325.22	-.00043	.02201	.98510	.00018	.03686
#2	.00574	-.00003	324.44	-.00156	.02016	1.0518	.00016	.02017
#3	.00513	.00065	324.78	-.00115	.02957	1.0607	.00057	.03325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91503	3.3110	.00154	.00866	.00245	.0008	.22905	5.4768
Stddev	.11385	.0233	.00025	.00274	.00250	.0004	.00191	.1333
%RSD	12.443	.70346	16.293	31.604	102.37	54.45	.83593	2.4344

#1	.98450	3.3087	.00125	.00842	-.00032	.0006	.22707	5.5190
#2	.97695	3.3354	.00169	.00605	.00456	.0005	.22919	5.3275
#3	.78363	3.2889	.00169	.01150	.00309	.0012	.23089	5.5840

Sample Name: K1015-14 Acquired: 1/28/2019 16:46:26 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.2664
Stddev	.8477
%RSD	11.666

#1	7.9786
#2	7.4918
#3	6.3288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.9	35444.	3169.3	7.0129	3159.5
Stddev	144.6	159.	15.1	1.2993	147.1
%RSD	4.6785	.44736	.47511	18.527	4.6553

#1	2963.9	35519.	3158.4	7.5091	3030.2
#2	3060.5	35550.	3163.1	7.9909	3128.7
#3	3248.3	35261.	3186.5	5.5386	3319.5

Sample Name: K1015-14DUP Acquired: 1/28/2019 16:50:59 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	-.00452	.01258	.00396	-.00141	.28307	.15453	.00011
Stddev	.00364	.00018	.00094	.00426	.00197	.01591	.00173	.00010
%RSD	104.45	4.0540	7.4410	107.58	139.41	5.6213	1.1166	84.440

#1	-.00666	-.00444	.01354	.00036	-.00354	.29711	.15395	.00002
#2	.00049	-.00440	.01168	.00866	.00036	.26579	.15317	.00021
#3	-.00429	-.00474	.01251	.00285	-.00106	.28631	.15647	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	47.044	-.00027	.01221	.00919	.07888	1.8002	3.4242
Stddev	.00013	.239	.00020	.00024	.00031	.03411	.0039	.0349
%RSD	90.285	.50908	76.375	1.9377	3.3937	43.242	.21485	1.0186

#1	.00000	47.320	-.00008	.01243	.00883	.11397	1.8044	3.4086
#2	-.00020	46.900	-.00023	.01224	.00940	.04584	1.7996	3.3998
#3	-.00024	46.911	-.00049	.01196	.00934	.07685	1.7967	3.4642

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	.00013	326.98	-.00089	.02352	1.0463	.00024	.02587
Stddev	.00032	.00012	.49	.00003	.00458	.0150	.00043	.00983
%RSD	5.4749	91.806	.14984	3.3212	19.470	1.4348	177.73	37.982

#1	.00600	.00026	327.40	-.00089	.02841	1.0293	.00044	.01609
#2	.00621	.00003	326.44	-.00092	.02281	1.0519	-.00025	.03574
#3	.00557	.00010	327.09	-.00086	.01933	1.0577	.00054	.02578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0505	3.3209	.00236	.00781	.01013	.0007	.23150	5.6522
Stddev	.0151	.0389	.00024	.00072	.00371	.0003	.00136	.0802
%RSD	1.4343	1.1703	10.177	9.2373	36.609	38.50	.58690	1.4183

#1	1.0553	3.2973	.00208	.00815	.01440	.0009	.23300	5.7423
#2	1.0336	3.3658	.00244	.00698	.00825	.0009	.23115	5.6260
#3	1.0625	3.2996	.00254	.00831	.00773	.0004	.23035	5.5885

Sample Name: K1015-14DUP Acquired: 1/28/2019 16:50:59 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4190
Stddev .6512
%RSD 8.7772

#1 6.8737
#2 8.1400
#3 7.2434

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.9	34854.	3103.9	7.3152	2995.7
Stddev	16.8	59.	26.2	1.3531	18.1
%RSD	.57318	.16846	.84312	18.497	.60462

#1	2911.4	34814.	3109.6	5.9364	2975.8
#2	2924.6	34921.	3075.4	7.3682	3000.4
#3	2944.7	34825.	3126.9	8.6409	3011.1

Sample Name: K1015-14LX5 Acquired: 1/28/2019 16:55:33 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7898 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	-.00178	.00695	.00143	-.00140	.06582	.03491	.00016
Stddev	.00237	.00156	.00080	.00017	.00203	.00373	.00703	.00007
%RSD	664.15	87.560	11.474	11.717	144.69	5.6658	20.131	46.627
#1	-.00157	-.00011	.00622	.00142	-.00277	.06814	.03332	.00024
#2	.00237	-.00204	.00780	.00126	.00093	.06152	.02881	.00015
#3	-.00187	-.00319	.00682	.00160	-.00237	.06780	.04260	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	9.6021	-.00026	.00251	.00203	.01006	.37420	.72384
Stddev	.00007	.0398	.00028	.00010	.00067	.07546	.00037	.03382
%RSD	208.74	.41472	107.19	3.8662	33.104	749.90	.09764	4.6721
#1	.00012	9.6296	-.00048	.00262	.00135	-.01411	.37381	.72997
#2	.00001	9.5564	.00006	.00245	.00204	.09464	.37453	.68738
#3	-.00002	9.6201	-.00036	.00246	.00270	-.05034	.37426	.75418
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00013	68.607	-.00021	.00521	.16223	.00011	.00483
Stddev	.00025	.00032	.123	.00041	.00099	.01301	.00007	.00686
%RSD	36.789	242.69	.17934	192.54	19.099	8.0174	63.995	141.97
#1	.00040	-.00021	68.612	.00022	.00492	.17007	.00004	.01181
#2	.00085	.00019	68.728	-.00027	.00439	.16941	.00013	-.00189
#3	.00082	.00043	68.482	-.00060	.00632	.14722	.00018	.00456
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23322	.72604	.00072	.00750	.00598	.0011	.04723	4.9218
Stddev	.02203	.00282	.00055	.00217	.00302	.0011	.00016	.1084
%RSD	9.4470	.38774	76.900	28.957	50.485	98.48	.34174	2.2024
#1	.23674	.72279	.00010	.00502	.00300	.0023	.04737	4.8319
#2	.25327	.72773	.00090	.00845	.00904	.0006	.04705	4.8913
#3	.20963	.72761	.00116	.00904	.00590	.0003	.04728	5.0422

Sample Name: K1015-14LX5 Acquired: 1/28/2019 16:55:33 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7898 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9109
 Stddev .3829
 %RSD 13.153

#1 3.2380
 #2 2.4898
 #3 3.0050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.9	37091.	3146.8	7.2524	3266.1
Stddev	9.1	64.	8.9	1.0923	5.6
%RSD	.29603	.17281	.28291	15.062	.17198

#1	3074.7	37160.	3136.6	7.6438	3265.1
#2	3060.6	37079.	3151.5	8.0951	3261.0
#3	3077.6	37034.	3152.4	6.0183	3272.1

Sample Name: K1015-14MS Acquired: 1/28/2019 17:08:31 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87680	2.0833	1.0674	2.2003	.86134	2.5393	.36562	.21929
Stddev	.01109	.0304	.0121	.0275	.00998	.0457	.00179	.00075
%RSD	1.2648	1.4572	1.1323	1.2483	1.1587	1.7999	.48908	.34378
#1	.86580	2.0542	1.0544	2.1707	.85221	2.5669	.36594	.21854
#2	.87664	2.0810	1.0696	2.2054	.85983	2.4866	.36369	.21929
#3	.88797	2.1148	1.0783	2.2249	.87200	2.5646	.36723	.22005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21240	47.977	.44116	.22990	.33203	3.4518	1.9730	5.4980
Stddev	.00283	.034	.00385	.00304	.00368	.3889	.0087	.0325
%RSD	1.3335	.07002	.87196	1.3243	1.1076	11.266	.43890	.59038
#1	.20945	48.004	.44061	.22696	.32947	3.3664	1.9810	5.4832
#2	.21265	47.989	.43762	.22968	.33038	3.1128	1.9638	5.5352
#3	.21510	47.940	.44525	.23304	.33625	3.8763	1.9742	5.4756
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53688	.07404	328.77	.31446	.25339	11.352	.43545	.33350
Stddev	.00632	.00099	.93	.00115	.03040	.011	.00572	.01013
%RSD	1.1763	1.3376	.28189	.36699	11.997	.10010	1.3134	3.0375
#1	.53047	.07518	329.49	.31322	.24848	11.365	.43062	.33100
#2	.53707	.07346	329.09	.31551	.22574	11.346	.43397	.32485
#3	.54310	.07348	327.72	.31466	.28595	11.344	.44177	.34464
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96207	4.3473	.72896	.22315	.22444	6.503	.44757	5.9695
Stddev	.05422	.0257	.00925	.00354	.00110	.069	.00278	.0859
%RSD	5.6353	.59161	1.2688	1.5859	.49168	1.067	.62075	1.4392
#1	.89984	4.3495	.71856	.21950	.22410	6.436	.44945	6.0417
#2	.99914	4.3718	.73209	.22657	.22354	6.497	.44887	5.8745
#3	.98722	4.3205	.73625	.22339	.22567	6.575	.44438	5.9923

Sample Name: K1015-14MS Acquired: 1/28/2019 17:08:31 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.61821
%RSD	66.753

#1	-1.6246
#2	-.44920
#3	-.70458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.4	34403.	2950.1	6.4369	2960.1
Stddev	16.5	242.	11.2	.6770	17.5
%RSD	.56899	.70243	.38009	10.517	.58965

#1	2893.7	34138.	2939.2	6.4212	2949.1
#2	2902.8	34611.	2961.6	7.1215	2950.9
#3	2925.8	34458.	2949.6	5.7678	2980.2

Sample Name: K1015-14A Acquired: 1/28/2019 17:12:47 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94599	2.2693	1.1597	2.3865	.94512	2.6780	.37550
Stddev	.00468	.0095	.0018	.0110	.00316	.0457	.00875
%RSD	.49463	.42105	.15242	.45989	.33421	1.7066	2.3313

#1	.94128	2.2599	1.1582	2.3744	.94395	2.6517	.36541
#2	.95064	2.2690	1.1593	2.3958	.94272	2.6515	.38001
#3	.94605	2.2790	1.1616	2.3893	.94870	2.7308	.38107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24015	.23093	47.706	.48499	.24837	.35896	3.2065
Stddev	.00199	.00046	.041	.00446	.00146	.00266	.3132
%RSD	.82875	.19717	.08674	.91862	.58627	.74061	9.7688

#1	.23793	.23040	47.683	.48010	.24682	.35593	3.2986
#2	.24077	.23116	47.753	.48605	.24859	.36091	2.8576
#3	.24176	.23122	47.680	.48882	.24971	.36003	3.4634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9792	5.6257	.58275	.08077	324.11	.34484	.23937
Stddev	.0032	.1142	.00172	.00087	2.01	.00120	.02189
%RSD	.16120	2.0298	.29502	1.0759	.61881	.34907	9.1440

#1	1.9776	5.5428	.58085	.07978	326.41	.34348	.25244
#2	1.9771	5.5783	.58321	.08139	322.74	.34531	.21410
#3	1.9828	5.7559	.58420	.08115	323.18	.34575	.25157

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.904	.47540	.35213	.95964	4.4290	.79767	.23849
Stddev	.191	.00151	.01549	.01993	.0472	.00192	.00317
%RSD	1.6066	.31807	4.3994	2.0771	1.0662	.24045	1.3306

#1	11.708	.47368	.34158	.93680	4.4792	.79557	.24192
#2	11.913	.47601	.36991	.96859	4.4223	.79811	.23565
#3	12.090	.47652	.34488	.97353	4.3855	.79932	.23791

Sample Name: K1015-14A Acquired: 1/28/2019 17:12:47 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24117	7.055	.45989	6.0063	F<.00000
Stddev	.00458	.027	.00175	.0503	.37891
%RSD	1.9006	.3856	.38000	.83705	21.214
#1	.23670	7.026	.45801	5.9644	-1.8055
#2	.24095	7.080	.46017	6.0621	-2.1550
#3	.24586	7.059	.46147	5.9925	-1.3980
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2899.0	34529.	2953.7	7.2850	2954.1
Stddev	7.5	66.	21.5	.6783	6.1
%RSD	.25765	.19086	.72842	9.3104	.20673
#1	2905.1	34458.	2939.1	6.8609	2956.1
#2	2890.7	34542.	2943.6	8.0672	2947.2
#3	2901.3	34587.	2978.4	6.9268	2958.9

Sample Name: K1015-14MSD Acquired: 1/28/2019 17:17:03 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89521	2.1471	1.0952	2.2641	.89475	2.8275	.38273
Stddev	.04849	.0953	.0506	.1180	.05054	.0037	.00535
%RSD	5.4162	4.4386	4.6211	5.2110	5.6482	.12949	1.3991

#1	.94614	2.2421	1.1473	2.3893	.94912	2.8281	.37655
#2	.88987	2.1477	1.0922	2.2481	.88593	2.8308	.38607
#3	.84961	2.0515	1.0462	2.1550	.84920	2.8236	.38556

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24288	.21783	47.113	.49134	.23415	.34069	3.6142
Stddev	.00040	.01065	.267	.00248	.01117	.01713	.0896
%RSD	.16443	4.8902	.56751	.50434	4.7719	5.0286	2.4805

#1	.24325	.22874	46.883	.49272	.24572	.35919	3.5417
#2	.24291	.21732	47.050	.48848	.23332	.33751	3.5865
#3	.24246	.20745	47.406	.49282	.22342	.32537	3.7144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9470	5.5786	.54919	.08221	315.92	.34845	.25068
Stddev	.0023	.0740	.02598	.00104	1.83	.00077	.00561
%RSD	.11910	1.3262	4.7302	1.2660	.57916	.22122	2.2395

#1	1.9492	5.6465	.57578	.08333	314.60	.34774	.25036
#2	1.9446	5.4998	.54792	.08127	315.14	.34833	.24523
#3	1.9472	5.5895	.52387	.08202	318.01	.34927	.25645

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.580	.45197	.37565	.90859	4.3315	.75886	.24588
Stddev	.084	.02223	.01135	.05867	.0417	.03521	.00432
%RSD	.66508	4.9180	3.0219	6.4567	.96216	4.6404	1.7568

#1	12.505	.47598	.36827	.97008	4.3269	.79353	.24488
#2	12.564	.44781	.36996	.90247	4.2922	.75992	.24215
#3	12.670	.43211	.38872	.85323	4.3752	.72313	.25061

Sample Name: K1015-14MSD Acquired: 1/28/2019 17:17:03 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25402	6.677	.46462	5.8212	F<.00000
Stddev	.00241	.318	.00296	.1037	.53153
%RSD	.94940	4.758	.63757	1.7815	19.879

#1	.25265	7.000	.46194	5.9392	-2.7111
#2	.25261	6.665	.46412	5.7442	-2.1246
#3	.25681	6.365	.46780	5.7803	-3.1857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3046.6	35153.	3038.0	6.8941	3114.7
Stddev	112.1	86.	11.0	.2077	109.1
%RSD	3.6796	.24369	.36053	3.0132	3.5016

#1	2932.7	35121.	3042.7	7.0036	3008.1
#2	3050.3	35088.	3045.9	7.0241	3110.1
#3	3156.9	35250.	3025.5	6.6545	3226.0

Sample Name: K1015-16 Acquired: 1/28/2019 17:21:20 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	-.00396	.01395	.00478	-.00035	.23827	.17265	.00020
Stddev	.00161	.00090	.00036	.00215	.00131	.01878	.00520	.00006
%RSD	64.376	22.736	2.5907	44.979	376.93	7.8811	3.0123	28.968

#1	-.00071	-.00410	.01353	.00537	.00044	.21712	.16995	.00018
#2	-.00382	-.00478	.01416	.00658	-.00186	.25297	.16936	.00016
#3	-.00299	-.00299	.01415	.00240	.00037	.24472	.17865	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	27.437	-.00022	.01066	.01153	.15721	1.6121	2.8370
Stddev	.00005	.266	.00012	.00008	.00053	.03927	.0020	.0682
%RSD	73.461	.96909	52.604	.70368	4.6329	24.978	.12406	2.4041

#1	.00007	27.165	-.00036	.01065	.01161	.13791	1.6114	2.8729
#2	.00010	27.449	-.00018	.01059	.01203	.13132	1.6106	2.7583
#3	.00001	27.696	-.00014	.01074	.01097	.20239	1.6144	2.8798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	.00009	340.30	-.00009	.02961	.91072	.00000	.01930
Stddev	.00032	.00077	3.70	.00028	.00565	.03524	.00033	.00259
%RSD	7.2401	832.35	1.0864	317.50	19.085	3.8691	7343.3	13.441

#1	.00471	.00049	342.84	.00023	.02438	.88371	.00015	.01656
#2	.00407	.00059	336.05	-.00019	.03560	.89788	.00024	.02171
#3	.00443	-.00080	341.99	-.00031	.02884	.95058	-.00038	.01962

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51171	1.3439	.00126	.01211	.00997	-.0000	.13668	5.7495
Stddev	.02746	.0181	.00046	.00033	.00315	.0010	.00050	.1324
%RSD	5.3668	1.3438	36.578	2.7314	31.642	3573.	.36616	2.3020

#1	.54277	1.3561	.00149	.01177	.00766	.0003	.13613	5.6823
#2	.50171	1.3231	.00073	.01243	.00868	-.0011	.13712	5.9020
#3	.49065	1.3523	.00155	.01213	.01356	.0007	.13678	5.6642

Sample Name: K1015-16 Acquired: 1/28/2019 17:21:20 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6357
 Stddev .8022
 %RSD 17.304

#1 5.4999
 #2 3.9149
 #3 4.4924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2903.2	34476.	2987.2	7.4674	2987.3
Stddev	11.8	71.	33.7	1.2872	12.6
%RSD	.40771	.20650	1.1283	17.238	.42127

#1	2889.6	34458.	2964.1	8.7114	2972.8
#2	2908.7	34416.	3025.8	6.1409	2994.7
#3	2911.2	34555.	2971.5	7.5500	2994.6

Sample Name: K1228-02 Acquired: 1/28/2019 17:25:55 Type: Unk

Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00574	.01719	.00092	-.00093	.14544	.15604	.00006
Stddev	.00233	.00233	.00101	.00114	.00137	.01708	.00297	.00003
%RSD	238.53	40.495	5.8796	123.08	147.64	11.744	1.9063	48.733

#1	-.00340	-.00735	.01710	.00137	-.00037	.13191	.15717	.00009
#2	.00124	-.00680	.01622	.00177	.00007	.13977	.15267	.00003
#3	-.00076	-.00308	.01824	-.00037	-.00249	.16463	.15829	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	37.344	-.00015	.00084	.00776	.03871	.40376	4.2419
Stddev	.00013	.031	.00030	.00009	.00008	.04556	.00060	.0261
%RSD	128.46	.08335	196.21	11.296	1.0218	117.71	.14762	.61559

#1	.00005	37.350	.00011	.00089	.00779	.04804	.40308	4.2680
#2	.00024	37.372	-.00009	.00073	.00782	-.01080	.40418	4.2420
#3	.00000	37.311	-.00048	.00089	.00767	.07888	.40402	4.2157

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.00026	351.36	-.00006	.03379	.91294	.00041	.01223
Stddev	.00064	.00087	6.42	.00019	.00613	.05493	.00011	.01286
%RSD	33.506	330.60	1.8280	303.24	18.138	6.0172	26.732	105.16

#1	.00124	-.00071	358.74	-.00020	.04079	.85717	.00036	.00347
#2	.00252	.00074	348.26	.00016	.02941	.91465	.00033	.00623
#3	.00199	-.00082	347.07	-.00016	.03116	.96700	.00053	.02700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64095	1.4749	.00204	.00776	.00852	.0070	.15664	5.7721
Stddev	.01892	.0280	.00036	.00127	.00160	.0018	.00068	.0799
%RSD	2.9524	1.8982	17.645	16.348	18.747	25.58	.43342	1.3848

#1	.63060	1.5070	.00185	.00716	.01036	.0076	.15598	5.7585
#2	.66279	1.4552	.00181	.00690	.00768	.0050	.15662	5.6998
#3	.62945	1.4627	.00245	.00922	.00751	.0084	.15733	5.8579

Sample Name: K1228-02 Acquired: 1/28/2019 17:25:55 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.2648
Stddev .3063
%RSD 4.8890

#1 6.0530
#2 6.6160
#3 6.1254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.1	34273.	2987.1	8.7439	2955.4
Stddev	13.8	60.	56.1	1.3976	15.8
%RSD	.47965	.17622	1.8777	15.983	.53505

#1	2866.1	34218.	2922.6	7.1477	2937.8
#2	2883.7	34338.	3024.4	9.7477	2960.0
#3	2893.4	34264.	3014.2	9.3364	2968.4

Sample Name: K1231-02 Acquired: 1/28/2019 17:30:30 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00235	.01258	.00163	.00046	.16707	.12654	.00006
Stddev	.00215	.00097	.00110	.00563	.00305	.01795	.00339	.00008
%RSD	160.12	41.174	8.7078	344.98	657.10	10.746	2.6765	133.97

#1	.00010	-.00174	.01163	.00322	-.00012	.15321	.13035	.00015
#2	-.00032	-.00347	.01232	.00629	.00376	.18735	.12388	-.00000
#3	-.00381	-.00185	.01378	-.00462	-.00225	.16066	.12538	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	8.1821	.00028	-.00029	.00691	.05035	.04532	.65132
Stddev	.00011	.0566	.00047	.00012	.00046	.04495	.00041	.05321
%RSD	95.146	.69124	167.57	40.585	6.7005	89.264	.90454	8.1692

#1	.00001	8.1195	-.00023	-.00022	.00648	.09285	.04535	.68999
#2	-.00020	8.1975	.00068	-.00042	.00686	.00331	.04572	.59064
#3	-.00016	8.2294	.00039	-.00023	.00740	.05489	.04490	.67334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00032	317.64	.00010	.03713	.56835	.00041	.00939
Stddev	.00053	.00038	1.78	.00069	.00466	.02863	.00029	.00461
%RSD	149.88	119.52	.56036	722.11	12.557	5.0366	71.314	49.091

#1	.00095	.00008	315.60	.00049	.04034	.59760	.00065	.00422
#2	-.00006	.00075	318.39	.00050	.03178	.54039	.00008	.01087
#3	.00017	.00012	318.92	-.00070	.03928	.56705	.00049	.01307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17438	.55529	.00069	.01055	.00676	.0405	.06574	5.6882
Stddev	.03674	.00800	.00018	.00279	.00184	.0020	.00033	.1601
%RSD	21.071	1.4401	25.656	26.421	27.263	4.998	.50147	2.8142

#1	.15591	.54716	.00082	.00751	.00493	.0390	.06559	5.8377
#2	.21669	.56314	.00076	.01298	.00862	.0428	.06551	5.5193
#3	.15054	.55557	.00049	.01117	.00674	.0397	.06612	5.7076

Sample Name: K1231-02 Acquired: 1/28/2019 17:30:30 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200029 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.1027
 Stddev .4528
 %RSD 11.038

#1 4.0940
 #2 4.5598
 #3 3.6543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.1	34293.	2957.0	6.7682	2976.8
Stddev	3.4	207.	5.9	.9102	4.9
%RSD	.11939	.60477	.19878	13.448	.16586

#1	2885.1	34065.	2957.2	6.1727	2977.7
#2	2879.1	34345.	2962.7	7.8159	2971.5
#3	2879.2	34469.	2951.0	6.3159	2981.2

Sample Name: K1233-03 Acquired: 1/28/2019 17:40:06 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SANDHILL-RO- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00356	.00826	.00337	-.00112	.17793	.09218	.00005
Stddev	.00202	.00110	.00063	.00515	.00272	.01058	.00253	.00008
%RSD	448.19	30.800	7.6218	152.96	241.73	5.9487	2.7456	167.15

#1	.00216	-.00482	.00887	.00555	.00100	.16978	.09034	.00012
#2	-.00178	-.00290	.00762	-.00252	-.00019	.18990	.09114	-.00004
#3	.00097	-.00294	.00828	.00707	-.00419	.17412	.09507	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	8.4214	-.00013	.01404	.01363	.11441	.28438	1.0445
Stddev	.00005	.0645	.00045	.00026	.00056	.03872	.00026	.0132
%RSD	723.17	.76644	347.08	1.8678	4.0755	33.842	.09249	1.2623

#1	-.00006	8.3902	-.00044	.01381	.01390	.15402	.28438	1.0293
#2	-.00001	8.3785	.00039	.01398	.01400	.11254	.28464	1.0509
#3	.00005	8.4957	-.00034	.01432	.01299	.07665	.28411	1.0533

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	-.00046	320.41	.00087	.08131	.52855	.00032	.09281
Stddev	.00048	.00075	2.53	.00023	.01248	.01488	.00007	.00398
%RSD	11.316	161.98	.79093	26.012	15.345	2.8144	22.852	4.2934

#1	.00365	-.00032	317.61	.00091	.07885	.52673	.00025	.09643
#2	.00447	.00021	321.10	.00108	.09484	.54425	.00040	.09346
#3	.00449	-.00127	322.53	.00063	.07025	.51466	.00031	.08854

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32116	.60948	.00178	.01356	.00127	-.0004	.06187	5.6970
Stddev	.02175	.00316	.00136	.00319	.00307	.0006	.00046	.0833
%RSD	6.7710	.51840	76.487	23.527	241.72	133.2	.74108	1.4629

#1	.33825	.61278	.00135	.01667	.00031	.0002	.06193	5.7928
#2	.29669	.60917	.00330	.01371	-.00120	-.0009	.06139	5.6567
#3	.32855	.60648	.00069	.01029	.00470	-.0006	.06230	5.6415

Sample Name: K1233-03 Acquired: 1/28/2019 17:40:06 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SANDHILL-RO- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1780
Stddev	.7410
%RSD	17.735

#1	4.6509
#2	4.5590
#3	3.3241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.5	34620.	2968.1	7.5015	2994.4
Stddev	9.6	222.	11.4	1.1125	9.7
%RSD	.32587	.64254	.38391	14.830	.32516

#1	2920.7	34368.	2955.0	7.5591	2983.4
#2	2934.9	34703.	2973.5	6.3614	3002.0
#3	2938.8	34789.	2975.7	8.5841	2997.7

Sample Name: CCV05 Acquired: 1/28/2019 17:44:40 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0908	5.0866	5.1134	5.0513	5.1650	10.721	9.4758	.26090
Stddev	.0392	.0336	.0333	.0394	.0382	.041	.0463	.00043
%RSD	.77054	.66135	.65083	.77993	.74008	.38163	.48829	.16602

#1	5.1361	5.1214	5.1463	5.0935	5.2079	10.687	9.4759	.26040
#2	5.0676	5.0543	5.0798	5.0155	5.1344	10.766	9.4295	.26116
#3	5.0687	5.0841	5.1140	5.0448	5.1528	10.709	9.5220	.26114

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5045	27.332	1.0609	2.5297	1.2672	5.4526	2.6434	25.050
Stddev	.0170	.164	.0015	.0208	.0102	.7422	.0051	.244
%RSD	.67824	.59949	.13733	.82038	.80351	13.611	.19197	.97587

#1	2.5223	27.355	1.0623	2.5504	1.2786	5.4519	2.6380	24.832
#2	2.4885	27.157	1.0611	2.5089	1.2590	4.7108	2.6442	25.003
#3	2.5026	27.482	1.0594	2.5297	1.2639	6.1951	2.6481	25.314

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4715	1.2463	24.704	2.4719	2.6908	24.968	5.0245	5.1025
Stddev	.0166	.0045	.074	.0021	.3640	.135	.0435	.0295
%RSD	.67263	.36341	.30121	.08309	13.529	.53994	.86467	.57829

#1	2.4904	1.2515	24.713	2.4713	2.6993	25.012	5.0730	5.1032
#2	2.4592	1.2435	24.625	2.4742	2.3225	24.817	4.9892	5.0727
#3	2.4649	1.2438	24.773	2.4702	3.0505	25.076	5.0112	5.1317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9330	5.0589	4.8754	5.1417	5.4313	5.001	F 5.5367	5.4532
Stddev	.0927	.0346	.0303	.0318	.0431	.027	.0318	.0635
%RSD	1.8787	.68320	.62226	.61760	.79409	.5412	.57466	1.1639

#1	4.9732	5.0700	4.9048	5.1430	5.4246	5.032	5.5323	5.3874
#2	4.9989	5.0202	4.8442	5.1093	5.3919	4.983	5.5072	5.5141
#3	4.8270	5.0866	4.8770	5.1727	5.4774	4.988	5.5704	5.4581

Sample Name: CCV05 Acquired: 1/28/2019 17:44:40 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7918
Stddev .8240
%RSD 45.990

#1 .91326
#2 2.5476
#3 1.9145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.4	36069.	2972.5	6.5183	3100.4
Stddev	26.8	101.	17.2	.8860	26.8
%RSD	.88852	.28083	.57978	13.593	.86305

#1	2986.3	36184.	2976.5	6.4128	3070.5
#2	3037.7	36026.	2987.4	7.4523	3122.1
#3	3025.1	35996.	2953.6	5.6898	3108.6

Sample Name: CCB05 Acquired: 1/28/2019 17:48:40 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7900 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00041	.00293	.00237	-.00045	.01933	.01708
Stddev	.00313	.00176	.00066	.00218	.00075	.01062	.00478
%RSD	248.89	429.75	22.646	92.193	167.88	54.928	27.980

#1	-.00486	.00220	.00224	.00399	-.00131	.00713	.01364
#2	.00019	.00036	.00299	-.00011	-.00013	.02442	.01507
#3	.00089	-.00132	.00356	.00322	.00009	.02645	.02254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00015	.00353	-.00015	-.00011	.00045	.01507
Stddev	.00005	.00008	.01494	.00032	.00020	.00008	.01784
%RSD	62.591	49.519	423.17	212.51	177.55	17.683	118.40

#1	.00007	-.00017	.00717	-.00011	-.00002	.00041	-.00551
#2	.00003	-.00007	.01632	-.00048	.00002	.00040	.02445
#3	.00014	-.00022	-.01289	.00014	-.00035	.00054	.02626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00154	-.00065	.00048	.05494	.00008	-.00051
Stddev	.00002	.05866	.00031	.00075	.01972	.00062	.00012
%RSD	1386.3	3815.2	48.189	157.71	35.896	826.73	23.220

#1	.00002	-.06533	-.00044	-.00039	.04940	.00077	-.00038
#2	.00001	.02559	-.00101	.00088	.07684	-.00009	-.00053
#3	-.00002	.04435	-.00050	.00094	.03858	-.00045	-.00061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13386	.00025	.01525	.00095	.00677	-.00018	F .01165
Stddev	.03415	.00012	.01070	.02950	.00361	.00007	.00263
%RSD	25.515	48.220	70.142	3095.6	53.288	40.183	22.587

#1	-.13620	.00037	.01824	.00609	.01078	-.00015	.01014
#2	-.16679	.00025	.00338	-.03077	.00576	-.00027	.01013
#3	-.09860	.00013	.02414	.02755	.00378	-.00013	.01469

Sample Name: CCB05 Acquired: 1/28/2019 17:48:40 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7900 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.0022	.00001	F 4.7545	F<.00000
Stddev	.00089	.0005	.00008	.0882	.66422
%RSD	208.79	20.70	903.13	1.8552	418.40

#1	-.00052	-.0018	-.00000	4.8554	.38179
#2	.00124	-.0027	.00010	4.6920	-.90025
#3	.00055	-.0021	-.00007	4.7161	.04220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.7	37966.	2983.1	7.3955	3513.1
Stddev	2.9	142.	17.6	.3256	4.2
%RSD	.09246	.37529	.59114	4.4025	.12085

#1	3139.8	37828.	2965.4	7.0523	3516.3
#2	3144.0	37959.	3000.7	7.4341	3514.7
#3	3138.4	38113.	2983.1	7.7000	3508.3

Sample Name: K1234-04 Acquired: 1/28/2019 17:53:08 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EWP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00536	110.68	.00129	.01407	.04424	.02623	-.00005
Stddev	.00275	.00267	.28	.00123	.00137	.03108	.00168	.00006
%RSD	941.80	49.691	.25506	95.092	9.7474	70.239	6.3870	129.08

#1	.00257	-.00434	110.44	.00117	.01546	.01270	.02667	-.00000
#2	-.00055	-.00337	110.61	.00258	.01272	.04519	.02764	-.00002
#3	-.00290	-.00839	110.99	.00013	.01402	.07483	.02438	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03436	5.1408	-.03996	.02442	-.29046	-.11698	.08146	.18721
Stddev	.00001	.0262	.00038	.00015	.00227	.06782	.00076	.02277
%RSD	.02969	.50943	.94287	.61277	.77988	57.974	.93442	12.165

#1	.03437	5.1641	-.03968	.02457	-.28800	-.18510	.08062	.19745
#2	.03435	5.1459	-.03981	.02427	-.29092	-.11635	.08166	.20307
#3	.03436	5.1125	-.04039	.02442	-.29246	-.04947	.08210	.16112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	-.00031	313.83	-.00045	28.323	.30416	-.00570	.04129
Stddev	.00010	.00034	3.12	.00028	2.358	.04359	.00048	.01393
%RSD	4.7023	109.31	.99264	61.786	8.3245	14.331	8.4451	33.728

#1	.00202	-.00029	310.56	-.00026	27.010	.32110	-.00515	.04052
#2	.00221	-.00066	316.76	-.00032	26.913	.25465	-.00592	.02776
#3	.00217	.00002	314.16	-.00077	31.045	.33674	-.00603	.05558

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7058	.14478	.00081	.00829	.00129	.0110	.00460	5.8902
Stddev	.0190	.00149	.00043	.00425	.00253	.0032	.00029	.0625
%RSD	.51228	1.0317	53.682	51.262	196.13	28.72	6.3510	1.0611

#1	3.7272	.14308	.00033	.01256	-.00111	.0126	.00471	5.8551
#2	3.6995	.14590	.00092	.00825	.00394	.0074	.00482	5.8531
#3	3.6908	.14535	.00118	.00406	.00105	.0131	.00427	5.9623

Sample Name: K1234-04 Acquired: 1/28/2019 17:53:08 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EWP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9066
Stddev .4659
%RSD 11.927

#1 3.4081
#2 3.9806
#3 4.3311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.9	34430.	2939.4	7.6000	2965.8
Stddev	7.0	133.	9.5	.5905	4.4
%RSD	.24647	.38672	.32424	7.7699	.14944

#1	2860.5	34565.	2935.9	7.9341	2970.9
#2	2848.8	34426.	2932.2	7.9477	2962.6
#3	2861.5	34299.	2950.2	6.9182	2964.0

Sample Name: K1238-10 Acquired: 1/28/2019 17:57:38 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00367	.01222	.00217	-.00106	.24695	.12571	.00025
Stddev	.00075	.00113	.00140	.00083	.00149	.01382	.00200	.00005
%RSD	141.21	30.679	11.498	38.427	140.63	5.5963	1.5908	21.058

#1	.00045	-.00414	.01066	.00129	-.00272	.26036	.12393	.00029
#2	-.00018	-.00448	.01259	.00228	.00017	.23275	.12788	.00019
#3	.00131	-.00239	.01340	.00295	-.00064	.24773	.12533	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	74.300	.00037	.00412	.00632	1.3823	.81300	15.698
Stddev	.00008	.699	.00032	.00023	.00032	.2319	.00243	.216
%RSD	24.090	.94069	87.280	5.5066	4.9876	16.776	.29929	1.3756

#1	-.00025	73.673	.00068	.00436	.00620	1.4413	.81028	15.907
#2	-.00041	75.054	.00038	.00391	.00607	1.1266	.81374	15.712
#3	-.00034	74.172	.00004	.00409	.00667	1.5789	.81497	15.476

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	-.00044	343.26	-.00001	.06646	1.4110	.00047	.01270
Stddev	.00026	.00084	3.73	.00051	.01250	.0295	.00017	.01831
%RSD	4.7118	188.68	1.0856	4360.6	18.811	2.0899	35.317	144.15

#1	.00525	-.00017	341.51	-.00025	.06513	1.4435	.00038	.00614
#2	.00557	-.00138	347.54	-.00036	.05467	1.4034	.00038	.03338
#3	.00577	.00022	340.73	.00057	.07957	1.3860	.00067	-.00143

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53909	2.2325	.00407	.00465	.00977	-.0002	.13116	6.0370
Stddev	.04143	.0008	.00068	.00254	.00551	.0004	.00120	.0404
%RSD	7.6845	.03735	16.792	54.676	56.348	192.1	.91137	.66870

#1	.58562	2.2322	.00355	.00260	.00965	-.0001	.13076	6.0670
#2	.52543	2.2318	.00484	.00749	.01534	.0001	.13251	5.9911
#3	.50621	2.2334	.00382	.00386	.00433	-.0006	.13022	6.0528

Sample Name: K1238-10 Acquired: 1/28/2019 17:57:38 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1216
 Stddev .7304
 %RSD 11.932

#1 5.6656
 #2 5.7352
 #3 6.9641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.5	33555.	2896.8	5.9660	2863.8
Stddev	9.2	94.	19.6	1.0768	10.8
%RSD	.32509	.27885	.67659	18.049	.37672

#1	2823.9	33658.	2892.5	5.9883	2868.8
#2	2806.3	33476.	2879.6	7.0315	2851.4
#3	2819.5	33530.	2918.1	4.8782	2871.1

Sample Name: K1238-20 Acquired: 1/28/2019 18:02:11 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.00495	.01030	.00717	-.00173	.16977	.11578	.00005
Stddev	.00211	.00172	.00176	.00201	.00130	.03504	.00217	.00010
%RSD	239.74	34.729	17.125	27.996	75.456	20.640	1.8704	181.77

#1	.00042	-.00340	.01234	.00933	-.00240	.12950	.11826	.00000
#2	-.00096	-.00680	.00933	.00536	-.00256	.18650	.11478	-.00001
#3	.00318	-.00465	.00924	.00683	-.00023	.19332	.11429	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	103.50	-.00050	.00313	.00328	1.3604	.97700	26.332
Stddev	.00006	.75	.00037	.00012	.00079	.2251	.00227	.142
%RSD	17.041	.72897	74.446	3.9535	24.108	16.547	.23255	.54027

#1	-.00043	104.07	-.00030	.00301	.00284	1.6200	.97888	26.171
#2	-.00036	103.79	-.00093	.00325	.00419	1.2424	.97447	26.387
#3	-.00031	102.65	-.00027	.00312	.00280	1.2188	.97763	26.439

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	-.00025	334.93	.00054	.05874	1.2342	.00021	.01651
Stddev	.00020	.00033	4.05	.00030	.00878	.0667	.00020	.00321
%RSD	4.9088	128.58	1.2102	54.764	14.954	5.4046	92.959	19.430

#1	.00426	-.00053	338.08	.00084	.06887	1.1573	.00024	.01939
#2	.00410	-.00034	336.34	.00053	.05402	1.2699	.00039	.01708
#3	.00386	.00011	330.35	.00025	.05332	1.2755	.00000	.01305

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68923	2.2045	.00320	.00283	.01411	.0003	.15988	6.0614
Stddev	.04736	.0290	.00040	.00347	.00617	.0011	.00083	.0619
%RSD	6.8710	1.3147	12.351	122.91	43.684	367.5	.52217	1.0205

#1	.65564	2.2335	.00362	.00680	.01435	.0001	.15931	6.0767
#2	.74339	2.2046	.00283	.00132	.02016	-.0006	.16084	5.9933
#3	.66866	2.1755	.00316	.00036	.00783	.0014	.15950	6.1141

Sample Name: K1238-20 Acquired: 1/28/2019 18:02:11 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2941
 Stddev .2571
 %RSD 4.0848

#1 6.1705
 #2 6.5896
 #3 6.1221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.9	33549.	2892.1	7.2777	2879.9
Stddev	2.8	113.	43.8	.9928	5.5
%RSD	.10050	.33720	1.5145	13.642	.19036

#1	2813.6	33483.	2852.7	6.1313	2873.6
#2	2818.1	33679.	2884.4	7.8521	2883.9
#3	2818.9	33484.	2939.2	7.8497	2882.1

Sample Name: K1238-30 Acquired: 1/28/2019 18:06:45 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00585	.01083	.00326	.00009	.22890	.15797	.00021
Stddev	.00266	.00059	.00036	.00428	.00130	.01527	.00439	.00007
%RSD	497.03	10.144	3.3361	131.09	1423.2	6.6709	2.7770	31.058

#1	.00329	-.00587	.01052	.00790	.00150	.22599	.16303	.00029
#2	-.00202	-.00524	.01074	-.00052	-.00107	.21529	.15521	.00017
#3	.00034	-.00643	.01122	.00241	-.00016	.24541	.15566	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	79.223	-.00005	.00336	.00540	.41233	.60302	29.188
Stddev	.00003	.787	.00028	.00021	.00026	.05461	.00045	.108
%RSD	10.820	.99397	511.26	6.2019	4.7421	13.244	.07401	.36862

#1	-.00028	80.100	-.00008	.00330	.00528	.43221	.60318	29.223
#2	-.00032	78.989	-.00032	.00319	.00523	.45422	.60337	29.067
#3	-.00035	78.578	.00024	.00359	.00569	.35057	.60252	29.273

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00392	-.00018	432.64	.00021	.05603	3.4967	.00038	.04220
Stddev	.00038	.00046	4.24	.00069	.00833	.0108	.00048	.00330
%RSD	9.7646	254.97	.97983	334.37	14.862	.30862	126.37	7.8181

#1	.00420	.00034	436.93	-.00030	.06560	3.5050	.00091	.03868
#2	.00408	-.00055	428.45	.00099	.05047	3.4845	-.00001	.04523
#3	.00348	-.00034	432.54	-.00008	.05200	3.5006	.00023	.04269

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9290	2.2673	.00080	.00491	.01402	.0040	.15695	6.0117
Stddev	.0748	.0224	.00093	.00165	.00429	.0008	.00077	.0649
%RSD	1.2610	.98982	115.84	33.551	30.566	20.18	.49277	1.0803

#1	6.0059	2.2922	.00186	.00561	.01776	.0040	.15784	5.9372
#2	5.8565	2.2608	.00041	.00302	.00934	.0031	.15657	6.0560
#3	5.9246	2.2488	.00013	.00608	.01497	.0047	.15644	6.0420

Sample Name: K1238-30 Acquired: 1/28/2019 18:06:45 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.2915
 Stddev .8604
 %RSD 11.800

#1 8.2825
 #2 6.7341
 #3 6.8580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.4	33677.	2952.8	6.9173	2875.1
Stddev	15.4	53.	36.9	.9532	24.2
%RSD	.54129	.15879	1.2505	13.780	.84046

#1	2829.9	33725.	2910.9	5.8180	2859.9
#2	2840.0	33620.	2967.0	7.5139	2862.4
#3	2860.2	33686.	2980.5	7.4199	2903.0

Sample Name: K1238-40 Acquired: 1/28/2019 18:11:18 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00376	.01170	.00322	-.00243	.15057	.14960	.00012
Stddev	.00181	.00237	.00059	.00107	.00130	.02337	.00081	.00012
%RSD	401.73	63.211	5.0158	33.119	53.572	15.524	.53841	105.14

#1	-.00153	-.00198	.01231	.00268	-.00239	.13059	.14896	.00021
#2	.00164	-.00645	.01115	.00444	-.00375	.17628	.15051	-.00002
#3	-.00146	-.00284	.01163	.00253	-.00115	.14484	.14934	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	110.20	-.00024	.00347	.00457	1.6415	1.7852	19.789
Stddev	.00012	.30	.00059	.00016	.00067	.1571	.0046	.196
%RSD	21.806	.27110	240.91	4.6336	14.615	9.5720	.25705	.98983

#1	-.00058	110.21	-.00084	.00358	.00489	1.8204	1.7856	19.572
#2	-.00066	109.90	.00034	.00329	.00380	1.5781	1.7896	19.952
#3	-.00042	110.50	-.00024	.00356	.00501	1.5260	1.7804	19.844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00414	.00015	332.51	.00145	.05057	1.1085	.00010	.01723
Stddev	.00028	.00017	.53	.00017	.00653	.0166	.00012	.00596
%RSD	6.7661	116.14	.15870	11.916	12.918	1.4996	114.33	34.559

#1	.00385	-.00005	332.45	.00140	.05745	1.0963	.00020	.02286
#2	.00440	.00028	333.06	.00164	.04979	1.1017	-.00003	.01783
#3	.00417	.00022	332.01	.00131	.04446	1.1274	.00014	.01100

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98942	4.9485	.00309	.00512	.01584	-.0000	.16293	6.0957
Stddev	.07029	.0420	.00096	.00170	.00052	.0008	.00079	.1023
%RSD	7.1045	.84952	31.001	33.197	3.3062	3808.	.48433	1.6777

#1	1.0291	4.9941	.00269	.00564	.01582	-.0008	.16202	6.1481
#2	.90826	4.9112	.00240	.00649	.01532	.0007	.16339	6.1612
#3	1.0309	4.9403	.00419	.00322	.01637	.0001	.16338	5.9779

Sample Name: K1238-40 Acquired: 1/28/2019 18:11:18 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7451
Stddev .6162
%RSD 9.1357

#1 6.0614
#2 7.2578
#3 6.9160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.3	33599.	2884.0	6.9202	2886.8
Stddev	13.7	190.	25.2	.8442	11.2
%RSD	.48644	.56508	.87440	12.198	.38720

#1	2814.0	33548.	2855.5	6.0602	2879.1
#2	2814.7	33439.	2893.2	6.9530	2881.6
#3	2838.1	33809.	2903.3	7.7475	2899.6

Sample Name: K1238-50 Acquired: 1/28/2019 18:15:52 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.00497	.00967	.00549	.00009	.16460	.13376	.00016
Stddev	.00159	.00210	.00171	.00399	.00012	.00755	.01007	.00007
%RSD	139.08	42.257	17.640	72.685	130.47	4.5845	7.5259	44.815

#1	-.00077	-.00656	.00935	.00438	.00015	.17278	.14024	.00011
#2	.00023	-.00259	.01152	.00993	.00016	.16309	.13888	.00024
#3	-.00288	-.00576	.00816	.00218	-.00004	.15792	.12216	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	79.826	.00034	.00280	.00220	.67820	.77247	19.263
Stddev	.00005	.329	.00043	.00029	.00073	.37456	.00227	.153
%RSD	12.591	.41271	125.44	10.428	33.090	55.229	.29369	.79508

#1	-.00048	79.860	.00032	.00313	.00186	1.1106	.76986	19.180
#2	-.00042	79.481	-.00008	.00260	.00303	.45580	.77388	19.171
#3	-.00037	80.137	.00078	.00266	.00170	.46815	.77368	19.440

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	-.00053	302.69	-.00005	.05418	1.0925	.00007	.01288
Stddev	.00069	.00055	2.71	.00049	.02160	.0631	.00038	.01032
%RSD	21.428	102.97	.89625	922.61	39.861	5.7745	533.27	80.113

#1	.00271	-.00084	304.88	-.00003	.07909	1.1119	.00051	.01327
#2	.00295	-.00086	299.66	.00042	.04273	1.0220	-.00020	.00238
#3	.00401	.00010	303.55	-.00055	.04072	1.1436	-.00009	.02301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63496	2.9207	.00383	.00677	.00744	-.0020	.12381	5.8402
Stddev	.02090	.0283	.00045	.00248	.00259	.0003	.00072	.0423
%RSD	3.2914	.97041	11.771	36.698	34.867	13.01	.58431	.72348

#1	.65258	2.9530	.00423	.00452	.00452	-.0021	.12337	5.8720
#2	.61187	2.9093	.00334	.00944	.00831	-.0017	.12342	5.7922
#3	.64043	2.8999	.00391	.00635	.00949	-.0022	.12465	5.8564

Sample Name: K1238-50 Acquired: 1/28/2019 18:15:52 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4381
 Stddev .7749
 %RSD 12.037

#1 5.9290
 #2 6.0553
 #3 7.3299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.3	34237.	2938.1	7.4706	2949.0
Stddev	4.7	91.	25.4	2.3899	6.2
%RSD	.16301	.26661	.86584	31.991	.20953

#1	2862.8	34279.	2911.3	4.7193	2942.1
#2	2864.6	34132.	2962.0	8.6601	2951.1
#3	2871.6	34300.	2940.9	9.0325	2953.9

Sample Name: K1242-01 Acquired: 1/28/2019 18:20:26 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00194	-.00372	.02977	.00508	.01810	.03884	1.2407	.00017
Stddev	.00054	.00029	.00125	.00280	.00094	.00830	.0025	.00007
%RSD	27.934	7.7074	4.1845	55.099	5.1658	21.358	.20338	38.886
#1	-.00132	-.00340	.02845	.00489	.01751	.02930	1.2417	.00025
#2	-.00215	-.00382	.03093	.00238	.01918	.04288	1.2379	.00016
#3	-.00233	-.00394	.02993	.00797	.01761	.04435	1.2427	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	66.564	.02126	.00620	.00021	1.8593	1.2604	4.1780
Stddev	.00003	.368	.00027	.00029	.00040	.1334	.0034	.0275
%RSD	.49831	.55212	1.2501	4.7440	188.60	7.1762	.26906	.65744
#1	.00576	66.188	.02135	.00644	.00009	1.8078	1.2621	4.1555
#2	.00573	66.581	.02146	.00630	.00066	1.7592	1.2626	4.1699
#3	.00570	66.922	.02096	.00587	-.00011	2.0108	1.2565	4.2086
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00880	-.00049	293.89	-.00062	F 66.914	2.1522	-.01469	.80854
Stddev	.00015	.00030	1.91	.00055	4.459	.0624	.00044	.00338
%RSD	1.6590	62.232	.64856	88.868	6.6642	2.8981	2.9626	.41857
#1	.00880	-.00043	295.18	-.00125	68.634	2.1732	-.01451	.80731
#2	.00865	-.00022	294.79	-.00025	61.851	2.2014	-.01518	.81236
#3	.00894	-.00082	291.70	-.00035	70.257	2.0821	-.01437	.80594
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3186	1.5527	.00211	.00683	.01025	.0063	.34788	5.8606
Stddev	.0506	.0100	.00061	.00452	.00472	.0008	.00217	.1049
%RSD	1.5243	.64059	28.737	66.102	46.057	13.02	.62449	1.7894
#1	3.3136	1.5496	.00198	.01200	.01508	.0054	.34702	5.9001
#2	3.3714	1.5447	.00158	.00486	.00565	.0071	.35035	5.9399
#3	3.2706	1.5638	.00277	.00364	.01001	.0065	.34626	5.7417

Sample Name: K1242-01 Acquired: 1/28/2019 18:20:26 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6519
Stddev	.6469
%RSD	13.905

#1	4.0704
#2	4.5368
#3	5.3486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.4	34377.	2912.5	6.5756	2993.2
Stddev	9.1	232.	10.9	.3773	8.8
%RSD	.31385	.67567	.37418	5.7381	.29506

#1	2893.4	34270.	2900.6	6.4273	2995.6
#2	2876.1	34217.	2922.0	7.0045	2983.4
#3	2889.6	34643.	2915.0	6.2950	3000.6

Sample Name: K1242-02 Acquired: 1/28/2019 18:25:17 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	-.00385	.04545	.00369	.00792	.11694	.91710	-.00001
Stddev	.00153	.00246	.00090	.00042	.00227	.01892	.01286	.00007
%RSD	31.443	63.907	1.9795	11.463	28.609	16.175	1.4018	956.03

#1	-.00316	-.00644	.04645	.00387	.00941	.13848	.93138	-.00006
#2	-.00612	-.00155	.04519	.00320	.00904	.10931	.90644	.00008
#3	-.00532	-.00355	.04471	.00399	.00531	.10303	.91347	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03628	40.196	.02485	.01632	.00724	.04798	1.4519	3.7691
Stddev	.00016	.107	.00020	.00027	.00054	.05390	.0019	.0108
%RSD	.42789	.26498	.78935	1.6330	7.4063	112.33	.13369	.28698

#1	.03625	40.113	.02465	.01657	.00761	.00833	1.4541	3.7788
#2	.03645	40.158	.02485	.01634	.00749	.02626	1.4503	3.7710
#3	.03614	40.316	.02504	.01604	.00662	.10935	1.4514	3.7574

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01294	.00094	286.94	-.00012	33.717	4.8954	-.00728	.36179
Stddev	.00019	.00048	1.71	.00024	3.988	.0260	.00016	.01659
%RSD	1.4534	51.194	.59585	199.86	11.828	.53029	2.1778	4.5857

#1	.01315	.00044	288.92	-.00004	29.329	4.8877	-.00735	.34828
#2	.01290	.00098	285.96	.00007	34.703	4.8742	-.00710	.35679
#3	.01278	.00139	285.96	-.00039	37.120	4.9243	-.00739	.38031

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0883	.90623	.00219	.00452	.00296	.0934	.35899	6.0057
Stddev	.0233	.01197	.00070	.00124	.00255	.0010	.00156	.0453
%RSD	1.1159	1.3206	31.920	27.425	86.289	1.056	.43589	.75457

#1	2.0621	.91944	.00156	.00324	.00417	.0928	.35911	5.9633
#2	2.1069	.89612	.00295	.00460	.00002	.0928	.35737	6.0004
#3	2.0959	.90312	.00208	.00571	.00467	.0946	.36049	6.0535

Sample Name: K1242-02 Acquired: 1/28/2019 18:25:17 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-SET-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1378
 Stddev .4626
 %RSD 7.5371

#1 5.8236
 #2 5.9209
 #3 6.6691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.5	34255.	2888.3	7.6546	3009.4
Stddev	18.3	124.	26.0	.9408	15.1
%RSD	.63117	.36123	.89946	12.291	.50236

#1	2874.7	34147.	2859.8	8.7048	2996.1
#2	2898.0	34390.	2910.7	7.3705	3006.4
#3	2910.7	34227.	2894.4	6.8886	3025.8

Sample Name: K1242-03 Acquired: 1/28/2019 18:29:47 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	-.00210	.17627	.00062	.01277	.16123	1.7518	.00007
Stddev	.00143	.00245	.00143	.00269	.00145	.00681	.0068	.00010
%RSD	59.137	116.62	.81004	434.38	11.390	4.2242	.38940	147.96
#1	-.00081	-.00435	.17490	.00031	.01375	.16634	1.7523	.00014
#2	-.00356	-.00248	.17775	-.00190	.01345	.15350	1.7447	-.00005
#3	-.00290	.00052	.17616	.00345	.01110	.16386	1.7583	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12768	11.301	.12215	.00501	.01262	.95984	.31912	1.3766
Stddev	.00038	.057	.00076	.00017	.00054	.09330	.00031	.0997
%RSD	.29955	.49999	.61871	3.4646	4.3151	9.7201	.09655	7.2453
#1	.12729	11.287	.12293	.00521	.01305	.87764	.31947	1.3946
#2	.12806	11.254	.12142	.00493	.01282	1.0612	.31887	1.2690
#3	.12769	11.364	.12210	.00490	.01201	.94063	.31904	1.4661
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00542	-.00034	340.17	.00063	F 43.683	1.5976	-.00804	.45723
Stddev	.00048	.00040	3.86	.00071	3.512	.0146	.00006	.02543
%RSD	8.9182	116.00	1.1342	112.78	8.0397	.91489	.71144	5.5614
#1	.00587	-.00015	339.41	.00010	45.377	1.5880	-.00804	.48623
#2	.00547	-.00008	336.74	.00144	46.027	1.5903	-.00809	.43874
#3	.00491	-.00080	344.35	.00035	39.645	1.6144	-.00798	.44672
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1546	.39673	.00205	.01370	.00409	.0519	.15085	5.9684
Stddev	.0188	.00175	.00075	.00266	.00302	.0033	.00055	.0163
%RSD	.87465	.44093	36.774	19.401	73.747	6.381	.36336	.27338
#1	2.1381	.39472	.00291	.01158	.00695	.0554	.15040	5.9835
#2	2.1752	.39758	.00156	.01284	.00094	.0513	.15069	5.9511
#3	2.1506	.39789	.00167	.01668	.00437	.0489	.15146	5.9705

Sample Name: K1242-03 Acquired: 1/28/2019 18:29:47 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9749
Stddev	.1640
%RSD	4.1252

#1	3.7877
#2	4.0438
#3	4.0932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.1	34547.	2948.5	6.4886	3035.6
Stddev	20.1	99.	14.6	.5446	20.3
%RSD	.68923	.28586	.49404	8.3932	.66850

#1	2921.6	34449.	2958.8	6.2364	3049.6
#2	2889.0	34646.	2954.9	6.1159	3012.3
#3	2925.6	34546.	2931.8	7.1136	3044.9

Sample Name: K1242-04 Acquired: 1/28/2019 18:34:28 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	-.00465	.07649	.00607	.02178	.12939	.98353	.00023
Stddev	.00026	.00189	.00082	.00088	.00494	.00732	.00870	.00006
%RSD	6.1042	40.656	1.0775	14.572	22.682	5.6553	.88499	24.927
#1	-.00402	-.00247	.07572	.00705	.02643	.12541	.97533	.00017
#2	-.00446	-.00568	.07637	.00583	.02230	.13783	.99267	.00024
#3	-.00449	-.00579	.07736	.00534	.01660	.12492	.98260	.00029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03886	48.693	.87747	.00979	.00013	1.6797	1.3587	4.0935
Stddev	.00016	.256	.00440	.00014	.00056	.2651	.0004	.0512
%RSD	.42168	.52621	.50137	1.4145	422.65	15.784	.02883	1.2503
#1	.03872	48.397	.87840	.00986	.00002	1.3756	1.3584	4.1454
#2	.03882	48.829	.88132	.00963	.00074	1.8620	1.3591	4.0431
#3	.03904	48.853	.87267	.00987	-.00036	1.8015	1.3586	4.0918
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00697	-.00013	332.49	.00052	F 71.955	4.2072	-.01583	.67684
Stddev	.00071	.00073	1.72	.00025	12.834	.0411	.00037	.00182
%RSD	10.192	572.93	.51814	47.977	17.837	.97777	2.3501	.26941
#1	.00650	-.00096	332.41	.00068	58.535	4.1728	-.01626	.67743
#2	.00662	.00019	334.25	.00065	84.110	4.2528	-.01562	.67479
#3	.00779	.00039	330.81	.00023	73.219	4.1961	-.01561	.67829
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2561	1.0632	.00156	.01112	.00893	.0238	.20909	6.0161
Stddev	.0524	.0143	.00037	.00070	.00218	.0008	.00054	.0679
%RSD	.83683	1.3406	23.725	6.2866	24.412	3.523	.25649	1.1283
#1	6.3086	1.0608	.00197	.01190	.01140	.0240	.20847	6.0843
#2	6.2559	1.0786	.00125	.01090	.00728	.0246	.20948	5.9485
#3	6.2039	1.0504	.00147	.01056	.00810	.0229	.20931	6.0156

Sample Name: K1242-04 Acquired: 1/28/2019 18:34:28 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1977
Stddev	.5498
%RSD	10.579

#1	5.8312
#2	4.8447
#3	4.9171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2892.3	34151.	2908.0	6.6492	2993.9
Stddev	8.9	98.	34.5	1.2240	8.4
%RSD	.30698	.28821	1.1868	18.409	.27941

#1	2899.0	34047.	2905.2	7.9886	3001.1
#2	2895.7	34164.	2875.0	5.5886	2995.9
#3	2882.2	34243.	2943.9	6.3705	2984.7

Sample Name: CCV06 Acquired: 1/28/2019 18:43:50 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2466	5.2944	5.2545	5.2329	5.3264	F 11.144	9.7464	.26813
Stddev	.0224	.0094	.0052	.0124	.0227	.178	.1155	.00082
%RSD	.42724	.17806	.09949	.23646	.42552	1.5983	1.1849	.30702
#1	5.2723	5.3053	5.2605	5.2445	5.3519	11.046	9.7885	.26847
#2	5.2316	5.2882	5.2521	5.2199	5.3185	11.037	9.8349	.26873
#3	5.2358	5.2898	5.2509	5.2342	5.3087	11.350	9.6157	.26719
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5886	F 28.337	1.1000	2.6083	1.3224	F 5.5375	2.7207	26.099
Stddev	.0061	.216	.0036	.0052	.0037	.7788	.0049	.087
%RSD	.23712	.76101	.32504	.20031	.28352	14.063	.18154	.33258
#1	2.5957	28.346	1.0969	2.6141	1.3263	5.7769	2.7181	26.076
#2	2.5859	28.548	1.1039	2.6068	1.3219	6.1685	2.7264	26.025
#3	2.5843	28.117	1.0992	2.6040	1.3189	4.6672	2.7176	26.194
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5789	1.2912	25.520	2.5900	2.7102	26.060	5.2939	5.3477
Stddev	.0056	.0057	.207	.0061	.3584	.285	.0127	.0452
%RSD	.21854	.44124	.81094	.23452	13.223	1.0953	.23998	.84517
#1	2.5852	1.2917	25.620	2.5830	2.8106	26.172	5.3036	5.2955
#2	2.5768	1.2966	25.658	2.5931	3.0076	26.272	5.2986	5.3725
#3	2.5745	1.2852	25.282	2.5938	2.3123	25.735	5.2796	5.3750
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1041	5.3093	5.1466	5.2795	F 5.5548	5.203	F 5.6628	F 5.7500
Stddev	.0760	.0883	.0102	.0316	.0600	.007	.0644	.0331
%RSD	1.4894	1.6633	.19787	.59922	1.0795	.1358	1.1367	.57604
#1	5.0480	5.3483	5.1570	5.3036	5.5631	5.211	5.6807	5.7321
#2	5.1906	5.3714	5.1367	5.2437	5.6102	5.197	5.7164	5.7882
#3	5.0738	5.2082	5.1459	5.2911	5.4911	5.200	5.5914	5.7296

Sample Name: CCV06 Acquired: 1/28/2019 18:43:50 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0617
Stddev .0707
%RSD 2.3100

#1 3.0797
#2 3.1217
#3 2.9837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.6	35201.	2906.7	6.5397	3034.2
Stddev	8.9	73.	52.4	.9089	8.0
%RSD	.30251	.20732	1.8030	13.898	.26441

#1	2942.7	35282.	2885.1	6.2334	3025.1
#2	2951.5	35140.	2868.6	5.8235	3037.3
#3	2960.5	35181.	2966.5	7.5622	3040.2

Sample Name: CCB06 Acquired: 1/28/2019 18:47:50 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	-.00127	.00139	.00083	.00097	.01574	.02208
Stddev	.00166	.00054	.00110	.00177	.00156	.00676	.00082
%RSD	78.289	42.627	79.015	214.94	161.05	42.951	3.7330

#1	-.00250	-.00133	.00235	-.00067	.00033	.00878	.02240
#2	-.00031	-.00070	.00019	.00278	-.00017	.02229	.02270
#3	-.00357	-.00178	.00164	.00036	.00275	.01616	.02115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00017	-.01531	-.00030	-.00016	-.00007	.02360
Stddev	.00006	.00006	.00910	.00041	.00014	.00029	.03649
%RSD	78.916	34.128	59.454	137.32	89.940	406.92	154.64

#1	.00013	-.00011	-.00688	-.00003	-.00031	.00016	-.01673
#2	.00002	-.00020	-.02496	-.00010	-.00015	.00003	.03317
#3	.00006	-.00022	-.01410	-.00078	-.00002	-.00040	.05435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.04999	-.00086	.00013	.04274	.00005	.00007
Stddev	.00003	.05006	.00036	.00014	.01549	.00028	.00006
%RSD	229.21	100.15	41.932	112.57	36.244	555.78	83.314

#1	-.00000	-.01680	-.00082	.00010	.02525	.00030	.00000
#2	.00005	-.10757	-.00052	-.00000	.05472	-.00025	.00011
#3	-.00001	-.02559	-.00124	.00028	.04826	.00010	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.21723	.00019	.00604	F .01502	.00804	-.00030	.00760
Stddev	.03099	.00022	.00777	.02892	.00168	.00065	.00141
%RSD	14.264	112.75	128.67	192.49	20.862	218.18	18.564

#1	-.19088	.00034	.00751	-.00081	.00633	.00003	.00755
#2	-.20944	.00030	-.00236	.04840	.00809	.00012	.00903
#3	-.25137	-.00006	.01296	-.00252	.00968	-.00105	.00621

Sample Name: CCB06 Acquired: 1/28/2019 18:47:50 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00201	-0.0033	-0.00020	F 4.5454	F<.00000
Stddev	.00244	.0000	.00008	.1793	.67510
%RSD	121.49	1.485	38.388	3.9450	535.08

#1	-0.00010	-0.0033	-0.00011	4.7091	-.49462
#2	-0.00116	-0.0033	-0.00025	4.5735	-.53687
#3	-0.00475	-0.0033	-0.00024	4.3538	.65299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.1	37976.	2963.0	7.8242	3509.1
Stddev	11.8	181.	14.7	.4784	9.4
%RSD	.37761	.47688	.49554	6.1147	.26719

#1	3124.4	37812.	2947.1	8.3545	3500.0
#2	3147.9	37946.	2965.9	7.6932	3518.7
#3	3139.1	38171.	2976.1	7.4250	3508.6

Sample Name: K1242-05 Acquired: 1/28/2019 18:52:19 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00429	-.00508	.03490	.00410	.01602	.10805	1.0639	.00043
Stddev	.00070	.00287	.00111	.00194	.00128	.01661	.0129	.00012
%RSD	16.245	56.548	3.1753	47.461	7.9968	15.368	1.2151	27.974
#1	-.00369	-.00294	.03583	.00262	.01603	.10171	1.0526	.00052
#2	-.00506	-.00835	.03520	.00630	.01474	.09555	1.0611	.00029
#3	-.00414	-.00396	.03367	.00337	.01730	.12689	1.0780	.00047
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03202	25.063	.05546	.00873	.00093	2.9739	1.0245	2.5626
Stddev	.00014	.301	.00048	.00017	.00037	.3126	.0027	.0517
%RSD	.44267	1.2002	.87100	1.9858	39.517	10.513	.26730	2.0155
#1	.03204	24.753	.05516	.00887	.00107	3.0838	1.0224	2.5155
#2	.03187	25.083	.05520	.00853	.00121	3.2167	1.0235	2.5544
#3	.03215	25.353	.05602	.00877	.00051	2.6211	1.0276	2.6178
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00981	.00040	288.30	-.00062	F 60.782	1.4462	-.01282	.62530
Stddev	.00034	.00039	4.04	.00072	5.118	.0530	.00042	.00349
%RSD	3.4235	95.800	1.4005	117.57	8.4200	3.6652	3.2974	.55880
#1	.00959	.00082	283.80	-.00086	61.528	1.5045	-.01258	.62127
#2	.01020	.00033	289.51	-.00119	65.486	1.4332	-.01331	.62713
#3	.00964	.00006	291.60	.00020	55.332	1.4009	-.01258	.62751
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6724	1.2087	.00165	.00547	.00397	.0044	.27362	5.5237
Stddev	.0305	.0123	.00116	.00309	.00135	.0007	.00269	.0429
%RSD	1.1409	1.0195	70.442	56.555	34.090	16.12	.98394	.77592
#1	2.6400	1.2021	.00070	.00773	.00248	.0041	.27129	5.5550
#2	2.7006	1.2010	.00130	.00194	.00513	.0039	.27300	5.5414
#3	2.6765	1.2229	.00294	.00674	.00429	.0052	.27656	5.4749

Sample Name: K1242-05 Acquired: 1/28/2019 18:52:19 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-SET-5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3180
Stddev	.7378
%RSD	31.830

#1	2.7406
#2	1.4660
#3	2.7472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.2	35033.	2983.7	6.5811	3043.5
Stddev	5.4	64.	10.7	.5809	1.4
%RSD	.18404	.18179	.35855	8.8272	.04461

#1	2940.6	35054.	2986.8	6.4295	3045.0
#2	2930.2	35083.	2992.5	6.0909	3042.4
#3	2937.9	34961.	2971.8	7.2227	3043.1

Sample Name: K1242-06 Acquired: 1/28/2019 18:57:09 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-OILY-ST Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00465	.00419	.00247	.00204	.24773	.23984	-.00003
Stddev	.00366	.00077	.00047	.00199	.00200	.02401	.00854	.00006
%RSD	1095.9	16.615	11.173	80.426	98.307	9.6900	3.5598	228.45

#1	.00164	-.00458	.00375	.00412	.00110	.22038	.24539	.00003
#2	.00192	-.00391	.00469	.00303	.00434	.25752	.23001	-.00002
#3	-.00456	-.00546	.00414	.00026	.00067	.26530	.24413	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	2.8494	.00110	-.00008	.00199	.44464	.02026	.28164
Stddev	.00005	.0303	.00038	.00014	.00056	.01609	.00010	.08059
%RSD	12.931	1.0637	34.669	175.47	28.156	3.6182	.49490	28.613

#1	-.00031	2.8282	.00153	-.00010	.00139	.42658	.02029	.29387
#2	-.00038	2.8359	.00081	-.00020	.00250	.44987	.02014	.35541
#3	-.00039	2.8841	.00096	.00007	.00209	.45745	.02034	.19563

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	.00024	309.78	.00029	.11141	.75430	.00029	.06981
Stddev	.00038	.00037	4.12	.00014	.00485	.00705	.00011	.01007
%RSD	12.530	155.17	1.3303	47.950	4.3492	.93469	38.516	14.419

#1	.00263	.00046	311.94	.00035	.11685	.76244	.00024	.05972
#2	.00339	.00044	305.03	.00040	.10979	.75013	.00021	.06985
#3	.00306	-.00019	312.37	.00013	.10758	.75034	.00042	.07985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26488	.52697	.00204	.01046	.00434	.0030	.00970	5.5710
Stddev	.00139	.00738	.00076	.00305	.00247	.0028	.00018	.0635
%RSD	.52661	1.4006	37.287	29.115	56.877	91.47	1.8625	1.1406

#1	.26367	.52878	.00127	.01296	.00155	.0045	.00986	5.5131
#2	.26640	.51885	.00279	.01136	.00522	-.0002	.00950	5.6390
#3	.26457	.53328	.00206	.00707	.00626	.0047	.00973	5.5609

Sample Name: K1242-06 Acquired: 1/28/2019 18:57:09 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-OILY-ST Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2965
 Stddev .3623
 %RSD 10.989

#1 2.9278
 #2 3.6520
 #3 3.3098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.8	34762.	2932.7	6.5008	3052.4
Stddev	9.2	122.	34.4	.2541	12.7
%RSD	.31399	.35116	1.1740	3.9083	.41693

#1	2927.2	34622.	2908.6	6.2205	3040.9
#2	2942.7	34843.	2972.1	6.5659	3050.2
#3	2943.6	34821.	2917.3	6.7159	3066.0

Sample Name: K1234-03DLX100 Acquired: 1/28/2019 19:01:45 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00175	12.746	-.00034	.70864	.11113	.13168	.00011
Stddev	.00133	.00106	.043	.00242	.00176	.01918	.00895	.00003
%RSD	769.27	60.198	.33344	716.91	.24783	17.261	6.7943	29.425

#1	.00024	-.00230	12.711	-.00296	.70662	.09496	.14130	.00008
#2	.00090	-.00242	12.734	.00013	.70982	.10611	.13013	.00013
#3	-.00166	-.00054	12.794	.00182	.70948	.13232	.12361	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	1.0781	.91044	.01178	-.01587	.64064	.01396	.29750
Stddev	.00004	.0083	.00325	.00013	.00030	.03944	.00002	.02965
%RSD	3.8675	.76862	.35724	1.0851	1.9022	6.1565	.11120	9.9680

#1	.00101	1.0876	.91294	.01165	-.01621	.68364	.01396	.31419
#2	.00108	1.0745	.91161	.01179	-.01576	.60614	.01398	.26326
#3	.00107	1.0723	.90676	.01191	-.01563	.63213	.01395	.31505

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00002	.17329	.00211	2.4217	-.15145	.00018	.00301
Stddev	.00054	.00024	.02895	.00013	.2448	.03512	.00026	.00744
%RSD	359.38	1573.9	16.706	6.1638	10.107	23.189	147.33	247.63

#1	-.00029	-.00026	.20619	.00200	2.6160	-.18549	.00014	-.00123
#2	.00076	.00017	.16194	.00206	2.1468	-.11535	-.00006	.01160
#3	-.00002	.00013	.15173	.00225	2.5024	-.15351	.00045	-.00135

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84645	.01669	.01022	.02620	.00124	.1581	.00220	4.2042
Stddev	.01620	.00079	.00050	.00541	.00268	.0024	.00008	.0515
%RSD	1.9144	4.7279	4.9313	20.656	215.63	1.539	3.7331	1.2246

#1	.82780	.01739	.01061	.03056	.00419	.1554	.00212	4.2478
#2	.85707	.01684	.00965	.02014	.00059	.1592	.00219	4.2173
#3	.85448	.01584	.01041	.02790	-.00105	.1599	.00229	4.1474

Sample Name: K1234-03DLX100 Acquired: 1/28/2019 19:01:45 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .24077
%RSD 32.316

#1 -.79435
#2 -.48345
#3 -.95736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.7	39054.	3061.4	7.2818	3595.5
Stddev	8.1	133.	23.9	.7753	5.0
%RSD	.25083	.34068	.77996	10.647	.13830

#1	3225.5	38972.	3034.7	6.6886	3592.5
#2	3214.8	38982.	3068.7	8.1591	3601.2
#3	3209.7	39207.	3080.8	6.9977	3592.7

Sample Name: K1238-21DLX10 Acquired: 1/28/2019 19:06:09 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	-.00383	.01313	.00090	-.00251	9.2190	.04480
Stddev	.00178	.00141	.00059	.00332	.00084	.0907	.00597
%RSD	28.416	36.906	4.4949	368.26	33.281	.98396	13.334

#1	.00560	-.00542	.01252	-.00270	-.00232	9.1968	.03817
#2	.00829	-.00272	.01370	.00382	-.00179	9.3187	.04647
#3	.00492	-.00334	.01318	.00158	-.00343	9.1414	.04977

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00126	23.222	.02238	.00984	.01025	18.521
Stddev	.00018	.00033	.142	.00011	.00017	.00025	2.076
%RSD	28.857	26.539	.60947	.49969	1.7216	2.4238	11.211

#1	.00068	-.00092	23.064	.02250	.00978	.01020	16.724
#2	.00043	-.00126	23.338	.02227	.01003	.01052	18.045
#3	.00078	-.00159	23.263	.02238	.00970	.01003	20.794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25745	9.5214	.00947	-.00096	.11937	.03066	.05277
Stddev	.00028	.0529	.00027	.00111	.01703	.00053	.00612
%RSD	.10766	.55596	2.8576	116.01	14.268	1.7419	11.604

#1	.25745	9.4656	.00939	-.00171	.10037	.03007	.04765
#2	.25773	9.5709	.00924	.00032	.13328	.03081	.05111
#3	.25718	9.5277	.00977	-.00148	.12444	.03111	.05955

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44358	.00094	-.00227	.23912	.60000	.00058	.09780
Stddev	.01174	.00009	.00651	.03429	.01026	.00103	.00559
%RSD	2.6460	9.2334	287.46	14.341	1.7100	178.91	5.7160

#1	.44950	.00096	.00435	.21971	.58822	-.00061	.09672
#2	.45118	.00101	-.00249	.27871	.60702	.00110	.10386
#3	.43006	.00084	-.00866	.21892	.60474	.00125	.09284

Sample Name: K1238-21DLX10 Acquired: 1/28/2019 19:06:09 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00405	.1898	.00777	4.5383	F<.00000
Stddev	.00147	.0013	.00243	.0509	.81634
%RSD	36.337	.6612	31.267	1.1211	3.7418

#1	.00280	.1884	.00975	4.5389	-20.909
#2	.00567	.1904	.00850	4.5888	-22.051
#3	.00369	.1907	.00506	4.4870	-22.490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.7	38202.	3030.5	7.2136	3427.6
Stddev	14.3	79.	20.2	.8147	13.0
%RSD	.44881	.20576	.66719	11.294	.37925

#1	3170.4	38205.	3053.0	7.9159	3421.4
#2	3194.1	38122.	3024.4	7.4045	3442.5
#3	3168.6	38279.	3013.9	6.3205	3418.9

Sample Name: K1242-01DLX10 Acquired: 1/28/2019 19:10:32 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00531	-.00264	.00508	-.00197	.00109	.00765	.14599	.00005
Stddev	.00249	.00175	.00016	.00233	.00145	.00916	.00579	.00008
%RSD	46.929	66.079	3.2312	118.52	133.12	119.76	3.9631	154.04

#1	-.00322	-.00275	.00510	-.00162	.00029	.00914	.15009	-.00003
#2	-.00806	-.00084	.00523	-.00445	.00277	-.00216	.14850	.00014
#3	-.00464	-.00433	.00491	.00017	.00021	.01597	.13937	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	6.9705	.00179	.00048	-.00014	.15310	.13549	.42136
Stddev	.00006	.0666	.00032	.00025	.00040	.02966	.00009	.02335
%RSD	13.615	.95549	17.716	52.963	285.46	19.370	.06487	5.5425

#1	.00042	6.9529	.00145	.00044	.00004	.11892	.13542	.42597
#2	.00053	7.0441	.00207	.00075	.00014	.17195	.13546	.39605
#3	.00043	6.9145	.00186	.00024	-.00061	.16844	.13559	.44207

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00024	31.435	-.00043	12.472	.02707	-.00214	.09956
Stddev	.00029	.00044	.281	.00029	.642	.03124	.00025	.00598
%RSD	82.238	186.04	.89302	66.552	5.1488	115.40	11.814	6.0050

#1	.00025	.00010	31.513	-.00040	12.923	.06115	-.00223	.09329
#2	.00013	.00073	31.124	-.00073	12.755	.02030	-.00233	.10020
#3	.00067	-.00012	31.669	-.00016	11.737	-.00023	-.00185	.10520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26928	.17506	.00021	.00783	-.00249	-.0054	.03639	4.8230
Stddev	.01751	.00307	.00047	.00258	.00444	.0007	.00037	.0516
%RSD	6.5034	1.7514	225.43	32.934	178.67	13.03	1.0226	1.0701

#1	.25451	.17654	-.00032	.00739	-.00009	-.0062	.03667	4.7908
#2	.28863	.17153	.00058	.01061	-.00761	-.0048	.03653	4.7957
#3	.26469	.17710	.00037	.00550	.00024	-.0052	.03597	4.8826

Sample Name: K1242-01DLX10 Acquired: 1/28/2019 19:10:32 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-SET-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5124
Stddev	.0995
%RSD	6.5813

#1	1.5564
#2	1.5823
#3	1.3984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.5	37371.	3016.3	7.4738	3386.4
Stddev	18.2	31.	29.0	.4042	23.6
%RSD	.58347	.08176	.96113	5.4079	.69613

#1	3103.2	37355.	3003.5	7.1930	3363.7
#2	3121.6	37406.	3049.5	7.2914	3384.6
#3	3139.6	37352.	2995.8	7.9371	3410.7

Sample Name: K1242-03DLX10 Acquired: 1/28/2019 19:14:57 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00408	-.00145	.02070	.00149	.00189	.02421	.20573	.00011
Stddev	.00393	.00090	.00024	.00108	.00017	.00701	.00565	.00003
%RSD	96.479	62.118	1.1807	72.321	8.8653	28.965	2.7466	28.341

#1	-.00845	-.00224	.02070	.00061	.00170	.03088	.21220	.00009
#2	-.00293	-.00166	.02094	.00269	.00200	.01690	.20320	.00014
#3	-.00084	-.00047	.02045	.00116	.00198	.02486	.20179	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01298	1.2064	.01227	.00032	.00106	.12195	.03439	.11976
Stddev	.00008	.0256	.00035	.00018	.00050	.06840	.00017	.03629
%RSD	.59669	2.1192	2.8507	56.459	47.484	56.092	.49473	30.303

#1	.01289	1.2016	.01267	.00019	.00143	.06267	.03420	.11996
#2	.01303	1.1836	.01211	.00024	.00049	.19679	.03445	.15595
#3	.01301	1.2340	.01202	.00052	.00125	.10638	.03453	.08337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00038	37.833	-.00033	5.4389	-.02923	-.00109	.05040
Stddev	.00023	.00065	.172	.00006	.3325	.03565	.00017	.00750
%RSD	810.30	169.55	.45480	19.254	6.1130	121.99	15.827	14.887

#1	-.00028	.00081	37.678	-.00028	5.0736	.00126	-.00128	.05736
#2	.00015	-.00037	37.802	-.00041	5.7237	-.02051	-.00095	.05138
#3	.00005	.00071	38.018	-.00031	5.5195	-.06843	-.00104	.04245

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15964	.05209	-.00056	.00795	-.00476	.0004	.01594	4.8753
Stddev	.04954	.00098	.00006	.00305	.00158	.0014	.00008	.0694
%RSD	31.030	1.8898	10.321	38.306	33.262	361.9	.49911	1.4239

#1	.17736	.05157	-.00060	.00967	-.00655	.0018	.01589	4.9459
#2	.10368	.05147	-.00059	.00443	-.00352	.0002	.01590	4.8072
#3	.19788	.05322	-.00050	.00975	-.00423	-.0009	.01603	4.8728

Sample Name: K1242-03DLX10 Acquired: 1/28/2019 19:14:57 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0979
Stddev	.2890
%RSD	13.776

#1	1.8925
#2	2.4284
#3	1.9728

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.9	37110.	2958.1	7.7213	3378.9
Stddev	16.4	69.	8.4	.4826	20.2
%RSD	.52713	.18676	.28514	6.2503	.59838

#1	3097.8	37129.	2967.3	8.2589	3365.8
#2	3130.3	37033.	2956.0	7.3255	3402.2
#3	3110.5	37168.	2950.9	7.5795	3368.6

Sample Name: K1242-04DLX10 Acquired: 1/28/2019 19:19:22 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	-.00137	.01039	-.00058	.00294	.02647	.12383	.00002
Stddev	.00168	.00063	.00133	.00181	.00063	.01071	.00354	.00007
%RSD	70.794	46.175	12.775	311.00	21.342	40.467	2.8567	446.08

#1	-.00257	-.00083	.00956	-.00040	.00247	.02503	.12454	.00007
#2	-.00395	-.00206	.00969	-.00248	.00269	.01655	.11999	.00003
#3	-.00060	-.00122	.01192	.00113	.00365	.03783	.12695	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	5.1755	.09024	.00099	.00103	.14358	.14697	.41219
Stddev	.00011	.0214	.00120	.00012	.00089	.02312	.00154	.00698
%RSD	2.8667	.41420	1.3293	12.450	85.957	16.102	1.0448	1.6942

#1	.00387	5.1824	.08886	.00100	.00079	.12670	.14529	.40803
#2	.00366	5.1515	.09087	.00085	.00029	.13410	.14734	.40829
#3	.00377	5.1926	.09099	.00110	.00201	.16993	.14829	.42025

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00039	35.884	-.00007	13.590	.22613	-.00285	.07213
Stddev	.00010	.00007	.040	.00007	.829	.02779	.00033	.01094
%RSD	64.112	18.158	.11270	98.598	6.0997	12.289	11.636	15.171

#1	.00009	-.00040	35.916	-.00010	13.017	.24716	-.00253	.05958
#2	.00010	-.00045	35.838	.00001	13.214	.23661	-.00319	.07970
#3	.00027	-.00031	35.897	-.00012	14.541	.19462	-.00283	.07711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56372	.12518	.00020	.00867	-.00398	-.0039	.02196	4.9514
Stddev	.01566	.00377	.00042	.00469	.00130	.0010	.00012	.2722
%RSD	2.7781	3.0122	216.74	54.147	32.611	27.06	.52820	5.4980

#1	.54595	.12951	.00067	.01330	-.00254	-.0040	.02184	5.2343
#2	.56968	.12267	-.00016	.00878	-.00435	-.0049	.02207	4.9288
#3	.57552	.12334	.00008	.00392	-.00506	-.0028	.02197	4.6912

Sample Name: K1242-04DLX10 Acquired: 1/28/2019 19:19:22 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-SET-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.83343
Stddev	.22579
%RSD	27.092

#1	1.0269
#2	.88805
#3	.58534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.8	37025.	2939.6	7.8905	3368.9
Stddev	8.7	184.	18.5	.4635	1.7
%RSD	.27902	.49807	.62879	5.8744	.05062

#1	3094.5	36852.	2918.3	8.2209	3367.0
#2	3111.8	37004.	2949.1	8.0900	3370.1
#3	3102.2	37219.	2951.4	7.3607	3369.7

Sample Name: K1242-05DLX10 Acquired: 1/28/2019 19:23:48 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00343	-.00262	.00556	-.00136	.00135	.02356	.13274	.00010
Stddev	.00333	.00155	.00076	.00122	.00122	.00928	.00354	.00013
%RSD	97.020	59.254	13.743	89.427	89.749	39.393	2.6634	132.35

#1	.00010	-.00438	.00642	-.00180	.00125	.03418	.13154	.00006
#2	-.00389	-.00208	.00533	-.00230	.00020	.01952	.13672	.00024
#3	-.00652	-.00141	.00494	.00001	.00262	.01699	.12996	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	2.6889	.00544	.00059	.00024	.23970	.11171	.29543
Stddev	.00021	.0066	.00034	.00029	.00035	.03050	.00076	.06677
%RSD	6.7347	.24426	6.1577	49.992	147.84	12.726	.67816	22.602

#1	.00299	2.6908	.00506	.00089	.00054	.20779	.11146	.22397
#2	.00291	2.6944	.00558	.00031	-.00015	.24273	.11256	.35623
#3	.00330	2.6817	.00568	.00056	.00032	.26857	.11110	.30609

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00012	31.748	-.00017	9.0121	-.09338	-.00189	.05720
Stddev	.00032	.00027	.129	.00005	1.0050	.04175	.00031	.00830
%RSD	287.05	228.30	.40721	32.127	11.151	44.706	16.255	14.509

#1	.00016	-.00043	31.651	-.00022	8.0649	-.09703	-.00170	.06438
#2	-.00003	.00009	31.697	-.00017	10.066	-.13317	-.00224	.05912
#3	-.00047	-.00002	31.895	-.00011	8.9052	-.04992	-.00173	.04811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19995	.14644	.00018	.00973	-.00442	-.0028	.02927	4.9965
Stddev	.02354	.00197	.00061	.00558	.00143	.0006	.00024	.1568
%RSD	11.773	1.3424	339.29	57.349	32.399	22.68	.80305	3.1390

#1	.21801	.14561	-.00041	.00339	-.00604	-.0021	.02904	5.0913
#2	.17333	.14868	.00080	.01190	-.00333	-.0027	.02951	4.8155
#3	.20852	.14502	.00015	.01390	-.00388	-.0034	.02926	5.0828

Sample Name: K1242-05DLX10 Acquired: 1/28/2019 19:23:48 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-SET-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .48179
 Stddev .15964
 %RSD 33.135

#1 .38896
 #2 .39029
 #3 .66612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.4	37030.	2936.1	8.1481	3380.5
Stddev	5.8	129.	10.8	.8916	6.9
%RSD	.18577	.34877	.36727	10.943	.20354

#1	3106.9	36919.	2947.2	9.0265	3375.3
#2	3096.0	37172.	2935.3	7.2438	3388.3
#3	3098.3	37000.	2925.7	8.1739	3377.9

Sample Name: CCV07 Acquired: 1/28/2019 19:28:15 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1567	5.2024	5.1313	5.1565	5.2223	10.779	9.7018	.26290
Stddev	.0139	.0116	.0150	.0170	.0200	.036	.0759	.00038
%RSD	.26998	.22345	.29208	.32884	.38249	.33044	.78197	.14589
#1	5.1535	5.2029	5.1422	5.1387	5.2143	10.747	9.6165	.26334
#2	5.1719	5.2138	5.1375	5.1725	5.2450	10.772	9.7272	.26272
#3	5.1446	5.1906	5.1142	5.1581	5.2075	10.817	9.7617	.26264
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5389	F 28.184	1.0797	2.5559	1.3068	4.8307	2.6663	26.035
Stddev	.0059	.327	.0039	.0055	.0061	1.0499	.0033	.215
%RSD	.23024	1.1590	.35926	.21519	.46723	21.734	.12406	.82622
#1	2.5430	27.814	1.0841	2.5616	1.3072	4.3770	2.6701	25.878
#2	2.5415	28.302	1.0782	2.5554	1.3126	4.0840	2.6641	25.947
#3	2.5322	28.435	1.0768	2.5507	1.3005	6.0312	2.6647	26.280
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5400	1.2708	25.618	2.5653	2.4392	26.186	5.2362	5.3406
Stddev	.0059	.0044	.135	.0032	.5846	.122	.0130	.0616
%RSD	.23206	.34271	.52626	.12266	23.966	.46724	.24760	1.1531
#1	2.5450	1.2752	25.475	2.5689	2.1888	26.051	5.2344	5.2709
#2	2.5413	1.2665	25.636	2.5630	2.0215	26.218	5.2500	5.3633
#3	2.5335	1.2707	25.742	2.5639	3.1072	26.290	5.2243	5.3876
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0856	5.3979	5.1133	5.2481	F 5.5385	5.137	F 5.6398	F 5.6377
Stddev	.0240	.0135	.0173	.0280	.0430	.004	.0514	.0418
%RSD	.47163	.25067	.33748	.53276	.77559	.0847	.91080	.74074
#1	5.0760	5.3882	5.1165	5.2175	5.4889	5.134	5.5805	5.6359
#2	5.0678	5.3922	5.1287	5.2543	5.5629	5.142	5.6682	5.6802
#3	5.1129	5.4134	5.0947	5.2724	5.5636	5.134	5.6706	5.5968

Sample Name: CCV07 Acquired: 1/28/2019 19:28:15 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3021
Stddev .3755
%RSD 16.311

#1 2.7050
#2 2.2393
#3 1.9620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.0	35683.	2866.6	7.4366	3089.4
Stddev	4.0	74.	13.4	1.5863	7.9
%RSD	.13198	.20625	.46803	21.332	.25630

#1	2996.3	35663.	2882.0	7.9949	3080.7
#2	2995.3	35622.	2860.6	8.6684	3091.4
#3	3002.6	35765.	2857.3	5.6466	3096.1

Sample Name: CCB07 Acquired: 1/28/2019 19:32:16 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00004	.00106	-.00232	-.00212	.01881	.02363
Stddev	.00098	.00162	.00093	.00077	.00047	.01912	.00327
%RSD	75.136	4049.7	88.262	33.133	22.208	101.66	13.828

#1	-.00020	.00037	.00155	-.00200	-.00174	.03955	.02662
#2	-.00206	-.00182	.00164	-.00320	-.00196	.01496	.02412
#3	-.00164	.00133	-.00002	-.00176	-.00264	.00190	.02014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00009	-.02007	-.00043	-.00021	.00025	F -.05544
Stddev	.00004	.00002	.00752	.00022	.00015	.00011	.07973
%RSD	1009.3	22.899	37.472	52.131	71.956	44.277	143.81

#1	-.00005	-.00007	-.01393	-.00052	-.00035	.00035	-.01423
#2	.00001	-.00009	-.01783	-.00058	-.00005	.00025	-.00475
#3	.00002	-.00011	-.02846	-.00017	-.00023	.00013	-.14735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.06681	-.00026	.00008	-.06707	-.00028	-.00032
Stddev	.00007	.03672	.00029	.00042	.01611	.00036	.00007
%RSD	2716.9	54.967	110.64	535.59	24.028	127.18	23.710

#1	-.00008	-.07706	-.00056	-.00020	-.07333	-.00046	-.00040
#2	.00005	-.02605	.00002	-.00012	-.07911	-.00051	-.00027
#3	.00002	-.09731	-.00024	.00056	-.04876	.00013	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15985	.00029	.01084	F .01529	.00648	-.00052	F .01043
Stddev	.00867	.00005	.00845	.04718	.00454	.00038	.00519
%RSD	5.4250	15.964	77.932	308.52	70.140	73.292	49.698

#1	-.15020	.00033	.00680	-.01203	.00838	-.00091	.01495
#2	-.16699	.00030	.00517	.06977	.00976	-.00050	.01157
#3	-.16236	.00024	.02055	-.01187	.00129	-.00015	.00477

Sample Name: CCB07 Acquired: 1/28/2019 19:32:16 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.0015	.00004	F 4.7364	F .03805
Stddev	.00189	.0007	.00015	.0539	.66062
%RSD	83.038	45.66	391.95	1.1381	1736.3
#1	.00116	-.0018	-.00004	4.7336	.78520
#2	.00121	-.0021	-.00005	4.6840	-.46873
#3	.00446	-.0008	.00020	4.7917	-.20232
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.3	37653.	2909.0	8.5152	3602.6
Stddev	101.5	42.	18.2	.8069	116.5
%RSD	3.1627	.11178	.62470	9.4761	3.2338
#1	3124.8	37657.	2888.1	9.4136	3509.8
#2	3178.9	37692.	2920.6	8.2795	3564.6
#3	3321.2	37608.	2918.4	7.8523	3733.3

Sample Name: PB116658BL Acquired: 1/28/2019 19:40:55 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00143	.00054	-.00213	.00094	.02499	F .02677
Stddev	.00273	.00038	.00090	.00221	.00080	.00405	.00591
%RSD	156.66	26.447	165.15	103.75	84.652	16.219	22.063

#1	-.00130	-.00186	.00147	-.00406	.00115	.02089	.02804
#2	.00074	-.00127	.00048	-.00261	.00162	.02509	.03194
#3	-.00466	-.00116	-.00032	.00028	.00006	.02900	.02034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00015	-.00679	-.00040	-.00015	-.00004	F -.05959
Stddev	.00011	.00006	.01337	.00056	.00014	.00060	.06899
%RSD	220.23	41.179	196.88	139.21	91.939	1458.7	115.77

#1	-.00007	-.00014	.00733	.00022	-.00009	.00005	-.13155
#2	.00006	-.00022	-.00846	-.00056	-.00006	-.00068	-.05323
#3	.00016	-.00009	-.01925	-.00086	-.00031	.00051	.00599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00130	-.00035	-.00044	-.10279	-.00007	.00076
Stddev	.00003	.03831	.00016	.00036	.01793	.00063	.00028
%RSD	83.202	2945.0	45.368	81.649	17.443	857.39	36.503

#1	-.00003	.02621	-.00022	-.00080	-.12348	-.00059	.00100
#2	-.00008	.01495	-.00053	-.00008	-.09204	.00063	.00080
#3	-.00002	-.04505	-.00031	-.00043	-.09284	-.00026	.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.26331	.00036	-.00374	-.00985	.00640	-.00010	.00639
Stddev	.03075	.00025	.00389	.01104	.00242	.00042	.00345
%RSD	11.678	69.692	104.10	112.09	37.771	418.93	53.923

#1	-.29148	.00012	-.00614	-.01978	.00901	-.00011	.00305
#2	-.23051	.00033	-.00582	.00203	.00424	.00033	.00618
#3	-.26793	.00062	.00075	-.01178	.00594	-.00051	.00994

Sample Name: PB116658BL Acquired: 1/28/2019 19:40:55 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.0014	-.00009	F 4.6270	F .17649
Stddev	.00400	.0008	.00017	.1175	.91117
%RSD	1883.2	53.24	188.13	2.5404	516.28

#1	-.00075	-.0022	.00004	4.6804	.00287
#2	.00461	-.0007	-.00028	4.7084	-.63538
#3	-.00321	-.0014	-.00003	4.4923	1.1620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.2	37800.	2938.8	7.2644	3621.7
Stddev	133.3	46.	24.1	.7870	152.0
%RSD	4.1410	.12161	.81914	10.834	4.1980

#1	3137.8	37765.	2917.3	6.6068	3525.8
#2	3148.8	37782.	2964.8	7.0500	3542.3
#3	3374.1	37852.	2934.3	8.1364	3797.0

Sample Name: PB116658BS Acquired: 1/28/2019 19:45:24 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80007	2.1139	1.0100	2.0438	.82860	2.1693	.23538
Stddev	.00311	.0042	.0002	.0020	.00446	.0227	.00107
%RSD	.38811	.19644	.02396	.09850	.53776	1.0467	.45653

#1	.80025	2.1168	1.0098	2.0418	.83349	2.1761	.23450
#2	.79688	2.1092	1.0099	2.0440	.82476	2.1440	.23658
#3	.80308	2.1159	1.0103	2.0458	.82755	2.1879	.23507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20990	.19562	1.1419	.44593	.20515	.33221	3.0566
Stddev	.00049	.00065	.0211	.00208	.00036	.00064	.2638
%RSD	.23363	.33400	1.8524	.46590	.17697	.19284	8.6322

#1	.21035	.19625	1.1325	.44798	.20546	.33153	2.7963
#2	.20996	.19494	1.1270	.44383	.20475	.33230	3.3238
#3	.20938	.19568	1.1661	.44597	.20523	.33280	3.0496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22475	2.1883	.50988	.07407	3.1807	.31436	.19886
Stddev	.00109	.0227	.00132	.00102	.0174	.00072	.01802
%RSD	.48675	1.0398	.25800	1.3783	.54821	.23059	9.0629

#1	.22590	2.1922	.51139	.07440	3.1617	.31365	.18276
#2	.22465	2.1639	.50921	.07292	3.1843	.31432	.21833
#3	.22372	2.2089	.50903	.07488	3.1960	.31510	.19548

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.895	.42878	.32490	F -.01405	1.0561	.70586	.22445
Stddev	.035	.00114	.01230	.03595	.0179	.00112	.00204
%RSD	.31827	.26480	3.7854	255.83	1.6925	.15846	.90819

#1	10.934	.42900	.32846	.00077	1.0523	.70630	.22676
#2	10.880	.42980	.31121	-.05504	1.0756	.70459	.22371
#3	10.870	.42756	.33502	.01211	1.0405	.70670	.22289

Sample Name: PB116658BS Acquired: 1/28/2019 19:45:24 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22866	5.595	.22943	F 5.1454	F<.00000
Stddev	.00154	.009	.00060	.1632	1.1976
%RSD	.67350	.1536	.26141	3.1712	15.546
#1	.23010	5.603	.23011	5.3180	-6.5213
#2	.22883	5.596	.22924	4.9937	-8.9161
#3	.22704	5.586	.22896	5.1246	-7.6742
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.7	37030.	2879.4	7.5379	3402.7
Stddev	5.4	239.	32.3	.6514	10.7
%RSD	.17485	.64648	1.1207	8.6424	.31561
#1	3099.5	36762.	2855.5	8.1455	3395.2
#2	3106.6	37107.	2866.6	6.8500	3415.0
#3	3095.9	37222.	2916.1	7.6182	3397.9

Sample Name: PB116658TB Acquired: 1/28/2019 19:55:56 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.00293	.00369	.00063	.00083	.03276	.01832	.00003
Stddev	.00349	.00112	.00074	.00298	.00171	.01905	.00439	.00007
%RSD	176.32	38.181	20.102	470.75	205.93	58.156	23.952	198.34
#1	.00171	-.00167	.00453	-.00281	.00258	.05282	.01506	.00008
#2	-.00243	-.00330	.00343	.00232	.00077	.01490	.02331	-.00004
#3	-.00522	-.00382	.00311	.00240	-.00085	.03057	.01660	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00724	.00049	-.00066	.00007	-.00322	.00009	.03428
Stddev	.00014	.01757	.00034	.00016	.00013	.04262	.00006	.02219
%RSD	54.585	242.63	68.991	23.522	171.29	1324.5	67.464	64.734
#1	-.00037	-.00840	.00023	-.00070	.00004	.03370	.00004	.03049
#2	-.00032	.00388	.00037	-.00080	.00021	-.04987	.00017	.05813
#3	-.00010	.02625	.00087	-.00049	-.00003	.00652	.00008	.01423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	.00257	F 329.16	.00003	.00067	-.07153	-.00007	-.00019
Stddev	.00010	.00075	1.44	.00020	.00026	.01557	.00021	.01098
%RSD	5.2244	29.318	.43754	663.18	38.778	21.774	292.28	5807.0
#1	.00210	.00200	328.03	-.00018	.00043	-.06323	.00005	.01084
#2	.00191	.00343	328.66	.00006	.00094	-.08950	-.00032	-.01112
#3	.00195	.00228	330.78	.00022	.00063	-.06186	.00005	-.00029
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05310	.01320	.00101	.00800	-.00248	-.0018	-.00011	5.6713
Stddev	.02267	.00091	.00041	.00188	.00219	.0004	.00025	.0560
%RSD	42.689	6.9221	40.475	23.537	88.367	21.57	219.49	.98788
#1	.03754	.01356	.00148	.00954	-.00451	-.0022	-.00019	5.7355
#2	.04265	.01388	.00083	.00590	-.00277	-.0014	.00016	5.6324
#3	.07911	.01216	.00072	.00856	-.00016	-.0017	-.00032	5.6460

Sample Name: PB116658TB Acquired: 1/28/2019 19:55:56 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1211
Stddev	.0732
%RSD	2.3436

#1	3.0398
#2	3.1815
#3	3.1419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.2	34524.	2943.8	7.5939	3047.2
Stddev	14.7	102.	13.4	.7796	14.4
%RSD	.50032	.29508	.45618	10.267	.47139

#1	2919.2	34511.	2933.8	8.3977	3034.2
#2	2931.9	34631.	2959.1	6.8409	3044.8
#3	2948.5	34429.	2938.5	7.5432	3062.6

Sample Name: K1250-05 Acquired: 1/28/2019 20:00:33 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00373	-.00291	.04713	-.00020	.00207	.33464	.09811
Stddev	.00271	.00204	.00103	.00178	.00143	.00588	.00464
%RSD	72.629	70.021	2.1764	886.29	69.107	1.7561	4.7279

#1	-.00096	-.00195	.04635	.00098	.00216	.33726	.09782
#2	-.00637	-.00153	.04675	-.00225	.00346	.32791	.10289
#3	-.00386	-.00525	.04829	.00067	.00060	.33876	.09363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00019	7.5843	.00304	-.00010	.00244	1.8234
Stddev	.00002	.00001	.0474	.00059	.00005	.00055	.1414
%RSD	790.94	6.9417	.62488	19.345	45.179	22.468	7.7532

#1	-.00001	-.00020	7.5321	.00273	-.00005	.00238	1.7530
#2	-.00001	-.00019	7.5959	.00372	-.00012	.00193	1.9862
#3	.00002	-.00018	7.6247	.00267	-.00014	.00302	1.7311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05515	2.0461	.00165	-.00049	15.820	.00040	.06392
Stddev	.00009	.0274	.00020	.00056	.161	.00025	.00341
%RSD	.17120	1.3375	11.859	114.40	1.0181	60.953	5.3291

#1	.05526	2.0239	.00187	.00006	15.841	.00012	.06352
#2	.05510	2.0377	.00149	-.00047	15.969	.00057	.06752
#3	.05509	2.0766	.00160	-.00106	15.649	.00052	.06074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1024	.00111	.08440	8.5152	.79261	-.00296	.01338
Stddev	.0471	.00012	.00171	.0595	.00604	.00001	.00211
%RSD	4.2728	10.574	2.0319	.69857	.76155	.41870	15.743

#1	1.0589	.00103	.08248	8.5795	.79856	-.00297	.01256
#2	1.0958	.00125	.08578	8.5038	.79277	-.00297	.01577
#3	1.1525	.00107	.08493	8.4622	.78649	-.00295	.01180

Sample Name: K1250-05 Acquired: 1/28/2019 20:00:33 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	.0609	.02960	4.5823	F<.00000
Stddev	.00409	.0008	.00036	.1195	.54473
%RSD	263.13	1.360	1.2121	2.6080	37.888

#1	-.00464	.0600	.02926	4.6905	-.93799
#2	.00308	.0609	.02957	4.6025	-2.0184
#3	-.00311	.0616	.02997	4.4540	-1.3569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.8	37538.	2947.7	7.0354	3395.9
Stddev	9.3	119.	41.0	.4370	3.0
%RSD	.30460	.31721	1.3919	6.2109	.08895

#1	3072.6	37404.	2918.5	6.9953	3396.8
#2	3057.0	37581.	2930.0	6.6199	3392.6
#3	3073.8	37630.	2994.6	7.4911	3398.5

Sample Name: K1256-01 Acquired: 1/28/2019 20:04:59 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	-.00258	.00285	.00168	-.00060	.00712	.08372	.00005
Stddev	.00062	.00132	.00042	.00277	.00096	.01569	.00473	.00005
%RSD	56.407	51.199	14.570	164.94	158.90	220.19	5.6467	97.540

#1	-.00178	-.00194	.00286	.00041	-.00019	.01884	.08707	.00009
#2	-.00093	-.00410	.00243	-.00023	-.00170	.01323	.07832	.00005
#3	-.00058	-.00171	.00326	.00486	.00008	-.01070	.08578	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	14.349	-.00023	.00011	.00088	1.5385	.16494	2.5095
Stddev	.00005	.155	.00025	.00024	.00027	.0351	.00098	.1093
%RSD	13.775	1.0833	107.58	211.09	30.618	2.2792	.59439	4.3532

#1	-.00031	14.206	.00004	-.00015	.00069	1.5019	.16558	2.3983
#2	-.00039	14.327	-.00044	.00019	.00077	1.5719	.16543	2.6167
#3	-.00031	14.514	-.00029	.00030	.00119	1.5417	.16381	2.5136

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00023	30.365	-.00004	.03032	1.5083	.00389	.03058
Stddev	.00036	.00047	.143	.00027	.00024	.0272	.00021	.01074
%RSD	139.29	202.86	.47177	642.74	.77909	1.8054	5.5227	35.110

#1	.00054	.00062	30.307	-.00030	.03050	1.4785	.00414	.02037
#2	.00038	-.00029	30.528	.00023	.03042	1.5320	.00380	.04177
#3	-.00015	.00037	30.259	-.00005	.03006	1.5143	.00374	.02959

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4818	1.3610	-.00017	.00649	-.00189	.0692	.07056	4.5561
Stddev	.0097	.0185	.00053	.00223	.00292	.0015	.00029	.0926
%RSD	.65193	1.3625	306.37	34.418	154.21	2.230	.41668	2.0326

#1	1.4780	1.3717	.00041	.00875	.00148	.0710	.07027	4.4813
#2	1.4928	1.3718	-.00061	.00645	-.00347	.0681	.07055	4.5273
#3	1.4747	1.3396	-.00032	.00428	-.00368	.0685	.07086	4.6596

Sample Name: K1256-01 Acquired: 1/28/2019 20:04:59 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .73976
 Stddev .57132
 %RSD 77.231

#1 .94399
 #2 .09438
 #3 1.1809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.5	37387.	2944.4	6.9631	3398.6
Stddev	16.9	78.	18.0	.0184	21.1
%RSD	.54488	.20927	.61021	.26438	.62177

#1	3101.1	37475.	2925.9	6.9658	3398.8
#2	3094.8	37326.	2945.6	6.9436	3377.4
#3	3126.8	37359.	2961.8	6.9801	3419.6

Sample Name: K1256-01DUP Acquired: 1/28/2019 20:09:25 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00263	-.00302	.00329	.00073	.00039	.01459	.07527	-.00006
Stddev	.00151	.00118	.00031	.00028	.00125	.01775	.00557	.00004
%RSD	57.252	39.176	9.3850	37.744	321.26	121.62	7.3986	70.728

#1	-.00131	-.00307	.00294	.00049	-.00040	.03440	.07409	-.00006
#2	-.00427	-.00417	.00351	.00104	-.00026	.00014	.07040	-.00010
#3	-.00232	-.00181	.00344	.00067	.00183	.00924	.08134	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	13.278	-.00011	-.00004	.00025	1.4098	.15320	2.3154
Stddev	.00008	.152	.00037	.00016	.00070	.0939	.00023	.0152
%RSD	24.309	1.1473	328.54	424.15	280.10	6.6622	.15277	.65479

#1	-.00025	13.139	-.00054	-.00016	-.00047	1.3131	.15295	2.3037
#2	-.00031	13.254	.00018	-.00010	.00028	1.5007	.15324	2.3100
#3	-.00040	13.440	.00002	.00015	.00093	1.4155	.15341	2.3326

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00002	28.396	.00001	.02673	1.3736	.00407	.03698
Stddev	.00040	.00011	.273	.00017	.00125	.0174	.00004	.01005
%RSD	2524.1	692.29	.96245	1842.8	4.6583	1.2659	.90628	27.175

#1	.00007	-.00014	28.162	-.00008	.02537	1.3840	.00409	.03594
#2	-.00045	.00008	28.328	.00020	.02701	1.3535	.00408	.02749
#3	.00033	.00001	28.696	-.00009	.02781	1.3832	.00402	.04751

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3478	1.2325	.00049	.00577	.00065	.0630	.06591	4.6727
Stddev	.0197	.0157	.00129	.00089	.00209	.0014	.00025	.1576
%RSD	1.4609	1.2713	263.96	15.464	320.39	2.148	.37619	3.3717

#1	1.3514	1.2203	.00170	.00563	.00226	.0645	.06564	4.8455
#2	1.3653	1.2271	.00063	.00496	.00141	.0621	.06595	4.6356
#3	1.3265	1.2502	-.00086	.00673	-.00171	.0624	.06613	4.5370

Sample Name: K1256-01DUP Acquired: 1/28/2019 20:09:25 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .44071
Stddev .19015
%RSD 43.147

#1 .29981
#2 .36532
#3 .65700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.9	36805.	2924.1	7.1920	3335.2
Stddev	13.4	138.	23.1	.3174	9.9
%RSD	.44127	.37455	.78978	4.4125	.29705

#1	3033.2	36653.	2940.7	7.5327	3328.2
#2	3031.2	36841.	2933.9	7.1386	3330.8
#3	3055.4	36922.	2897.8	6.9048	3346.6

Sample Name: K1256-01LX5 Acquired: 1/28/2019 20:13:50 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	-.00020	.00197	-.00121	.00124	.01832	.03573	.00005
Stddev	.00229	.00131	.00012	.00008	.00106	.01437	.00878	.00001
%RSD	68.392	646.79	6.2731	6.7393	85.610	78.430	24.564	21.965

#1	-.00535	.00020	.00192	-.00117	.00237	.03264	.02830	.00004
#2	-.00386	-.00167	.00188	-.00131	.00026	.01841	.04541	.00006
#3	-.00085	.00086	.00211	-.00116	.00110	.00391	.03347	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	2.9615	-.00054	-.00033	.00045	.30968	.03442	.47522
Stddev	.00010	.0265	.00031	.00034	.00041	.04554	.00046	.05423
%RSD	47.311	.89441	57.063	102.62	91.546	14.706	1.3373	11.411

#1	-.00010	2.9502	-.00042	-.00056	-.00003	.34187	.03495	.45297
#2	-.00028	2.9918	-.00031	-.00050	.00069	.32959	.03419	.43567
#3	-.00026	2.9426	-.00090	.00006	.00069	.25758	.03411	.53704

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.00051	6.4267	-.00030	.00600	.14789	.00085	.00679
Stddev	.00039	.00082	.0541	.00027	.00093	.03510	.00009	.02039
%RSD	66.281	160.96	.84125	89.536	15.430	23.737	10.248	300.32

#1	-.00077	.00001	6.3651	-.00015	.00701	.15158	.00095	.02407
#2	-.00086	.00006	6.4665	-.00062	.00579	.11109	.00084	.01199
#3	-.00014	.00146	6.4484	-.00015	.00520	.18101	.00078	-.01570

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29969	.28717	-.00031	.00583	-.00239	.0110	.01483	4.4105
Stddev	.00509	.00605	.00048	.00197	.00284	.0022	.00018	.1007
%RSD	1.6997	2.1060	156.11	33.775	118.66	19.93	1.1982	2.2828

#1	.29552	.29193	-.00064	.00377	-.00285	.0126	.01466	4.2943
#2	.29819	.28921	-.00052	.00603	.00065	.0119	.01480	4.4661
#3	.30537	.28036	.00024	.00769	-.00497	.0085	.01502	4.4711

Sample Name: K1256-01LX5 Acquired: 1/28/2019 20:13:50 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .23837
Stddev .57738
%RSD 242.22

#1 .54696
#2 .59588
#3 -.42774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.6	37837.	2959.0	6.6932	3469.2
Stddev	8.4	61.	28.1	.5247	9.1
%RSD	.27067	.16196	.95081	7.8387	.26227

#1	3119.8	37835.	2929.5	6.0886	3475.6
#2	3130.8	37900.	2961.9	6.9614	3473.2
#3	3114.2	37777.	2985.6	7.0295	3458.8

Sample Name: K1256-01MS Acquired: 1/28/2019 20:18:18 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88928	2.2875	1.1061	2.2382	.93874	2.4294	.31032
Stddev	.00644	.0091	.0052	.0034	.00119	.0382	.00633
%RSD	.72408	.39978	.46734	.15033	.12725	1.5710	2.0392

#1	.88526	2.2918	1.1075	2.2411	.94012	2.4187	.30330
#2	.89671	2.2936	1.1104	2.2391	.93807	2.4718	.31208
#3	.88588	2.2770	1.1004	2.2346	.93804	2.3977	.31558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22849	.21722	14.706	.49283	.22979	.36173	5.1070
Stddev	.00062	.00097	.190	.00134	.00073	.00174	.5400
%RSD	.27074	.44743	1.2911	.27215	.31590	.48217	10.575

#1	.22916	.21787	14.487	.49414	.22934	.36161	4.7914
#2	.22838	.21768	14.814	.49146	.23063	.36353	4.7990
#3	.22794	.21610	14.818	.49288	.22940	.36005	5.7305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39492	4.7822	.56794	.08124	31.695	.36105	.26349
Stddev	.00101	.1551	.00152	.00062	.410	.00169	.02867
%RSD	.25562	3.2426	.26802	.75901	1.2934	.46688	10.881

#1	.39570	4.6201	.56693	.08062	31.507	.36278	.25584
#2	.39378	4.9291	.56970	.08186	31.412	.35941	.23943
#3	.39529	4.7974	.56721	.08125	32.165	.36094	.29522

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.760	.50336	.40967	1.3086	2.3626	.79668	.25324
Stddev	.130	.00108	.01458	.0195	.0239	.00240	.00143
%RSD	.94653	.21403	3.5581	1.4933	1.0097	.30066	.56495

#1	13.610	.50457	.40858	1.2865	2.3700	.79392	.25485
#2	13.825	.50297	.39567	1.3236	2.3360	.79826	.25275
#3	13.845	.50253	.42476	1.3156	2.3819	.79786	.25212

Sample Name: K1256-01MS Acquired: 1/28/2019 20:18:18 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25403	6.376	.31748	4.9846	F<.00000
Stddev	.00469	.015	.00300	.0458	.42843
%RSD	1.8479	.2416	.94545	.91937	5.0241
#1	.24864	6.369	.31607	5.0358	-8.9995
#2	.25621	6.393	.32093	4.9707	-8.4201
#3	.25724	6.365	.31545	4.9474	-8.1631
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.1	36669.	2895.1	6.8440	3280.0
Stddev	11.4	39.	28.8	.7021	11.5
%RSD	.37646	.10596	.99513	10.258	.35205
#1	3020.1	36655.	2891.6	6.9700	3268.9
#2	3037.3	36713.	2925.5	7.4745	3279.2
#3	3041.7	36639.	2868.2	6.0874	3292.0

Sample Name: K1256-01MSD Acquired: 1/28/2019 20:22:25 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89374	2.2830	1.0991	2.2430	.93435	2.4041	.30871
Stddev	.00027	.0043	.0065	.0058	.00486	.0407	.00788
%RSD	.03041	.18858	.59341	.25764	.51962	1.6919	2.5538

#1	.89343	2.2799	1.0925	2.2494	.93942	2.3580	.30491
#2	.89383	2.2879	1.1055	2.2412	.92975	2.4349	.30345
#3	.89395	2.2812	1.0994	2.2383	.93388	2.4193	.31778

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22785	.21647	14.660	.49480	.22865	.36302	5.1544
Stddev	.00059	.00093	.107	.00271	.00026	.00031	.2716
%RSD	.25778	.42939	.73089	.54835	.11523	.08676	5.2688

#1	.22824	.21551	14.564	.49225	.22849	.36291	5.4673
#2	.22813	.21736	14.776	.49450	.22895	.36337	4.9804
#3	.22717	.21654	14.639	.49765	.22851	.36277	5.0154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39470	4.7402	.56676	.08146	32.054	.36125	.26736
Stddev	.00018	.0240	.00149	.00039	.043	.00037	.00952
%RSD	.04630	.50571	.26370	.47998	.13514	.10236	3.5607

#1	.39461	4.7453	.56650	.08191	32.040	.36097	.27823
#2	.39491	4.7611	.56836	.08129	32.018	.36167	.26052
#3	.39458	4.7140	.56541	.08119	32.102	.36111	.26333

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.795	.50403	.40143	1.3182	2.3992	.79785	.25222
Stddev	.067	.00019	.00619	.0428	.0395	.00048	.00456
%RSD	.48303	.03715	1.5418	3.2509	1.6476	.05981	1.8082

#1	13.739	.50423	.39451	1.2715	2.4072	.79744	.24721
#2	13.777	.50385	.40334	1.3273	2.3563	.79837	.25333
#3	13.868	.50402	.40644	1.3558	2.4342	.79773	.25612

Sample Name: K1256-01MSD Acquired: 1/28/2019 20:22:25 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25673	6.371	.31779	4.9857	F<.00000
Stddev	.00325	.017	.00166	.0169	.36490
%RSD	1.2655	.2660	.52280	.33963	4.0451
#1	.25302	6.359	.31587	4.9661	-9.0706
#2	.25908	6.391	.31882	4.9958	-9.3581
#3	.25808	6.364	.31868	4.9951	-8.6335
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.1	36627.	2876.8	6.7094	3290.8
Stddev	7.7	109.	21.5	.2451	1.1
%RSD	.25378	.29752	.74721	3.6531	.03360
#1	3027.5	36745.	2858.7	6.4336	3291.8
#2	3041.9	36530.	2900.6	6.9023	3291.1
#3	3029.9	36605.	2871.1	6.7923	3289.6

Sample Name: K1256-01A Acquired: 1/28/2019 20:26:32 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88942	2.2788	1.1001	2.2351	.93982	2.4103	.30708
Stddev	.00091	.0035	.0026	.0072	.00292	.0055	.00436
%RSD	.10187	.15536	.23227	.32039	.31026	.22778	1.4212

#1	.88923	2.2819	1.1030	2.2400	.94051	2.4147	.30855
#2	.88863	2.2795	1.0991	2.2269	.93661	2.4041	.31052
#3	.89041	2.2750	1.0982	2.2385	.94232	2.4119	.30217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22768	.21618	14.656	.49337	.22934	.36212	4.9424
Stddev	.00043	.00042	.129	.00146	.00028	.00058	.4171
%RSD	.18794	.19380	.88137	.29583	.12183	.15912	8.4394

#1	.22787	.21662	14.508	.49424	.22958	.36167	4.4922
#2	.22798	.21613	14.715	.49169	.22939	.36192	5.3157
#3	.22719	.21579	14.744	.49419	.22903	.36277	5.0193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39389	4.7745	.56580	.08091	31.991	.36046	.25192
Stddev	.00069	.0522	.00130	.00089	.138	.00003	.02307
%RSD	.17615	1.0939	.23050	1.1002	.43284	.00944	9.1569

#1	.39421	4.7763	.56716	.08011	31.831	.36048	.22718
#2	.39437	4.7214	.56456	.08187	32.065	.36049	.27284
#3	.39310	4.8258	.56567	.08074	32.077	.36042	.25572

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.699	.50403	.40717	1.2767	2.3889	.79493	.25508
Stddev	.063	.00089	.01572	.0307	.0146	.00051	.00389
%RSD	.46332	.17725	3.8617	2.4066	.60907	.06443	1.5256

#1	13.652	.50475	.39498	1.2450	2.3775	.79494	.25710
#2	13.772	.50303	.40162	1.2786	2.3838	.79441	.25059
#3	13.674	.50430	.42492	1.3064	2.4053	.79544	.25754

Sample Name: K1256-01A Acquired: 1/28/2019 20:26:32 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25498	6.357	.31829	4.9662	F<.00000
Stddev	.00571	.008	.00116	.0619	.58985
%RSD	2.2412	.1233	.36385	1.2473	6.2600
#1	.24840	6.365	.31701	5.0341	-9.9372
#2	.25786	6.349	.31863	4.9127	-9.5518
#3	.25868	6.357	.31925	4.9518	-8.7789
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.1	36636.	2874.5	7.1335	3285.2
Stddev	9.8	141.	4.9	.6561	11.6
%RSD	.32340	.38483	.16889	9.1971	.35250
#1	3017.5	36495.	2870.1	7.8484	3271.9
#2	3036.9	36634.	2873.6	6.5591	3293.2
#3	3029.9	36777.	2879.7	6.9928	3290.5

Sample Name: CCV08 Acquired: 1/28/2019 20:30:38 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1990	5.2721	5.1766	5.2102	5.2697	10.903	9.5845	.26501
Stddev	.0162	.0055	.0111	.0200	.0060	.112	.1515	.00071
%RSD	.31233	.10510	.21457	.38438	.11385	1.0273	1.5806	.26889
#1	5.2085	5.2780	5.1894	5.2207	5.2688	10.840	9.4399	.26422
#2	5.2083	5.2670	5.1697	5.2228	5.2760	11.032	9.5716	.26561
#3	5.1803	5.2712	5.1706	5.1871	5.2641	10.836	9.7420	.26520
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5706	F 28.034	1.0799	2.5922	1.3253	5.2172	2.6948	26.578
Stddev	.0070	.227	.0035	.0071	.0043	.1443	.0032	.162
%RSD	.27224	.81102	.32199	.27532	.32585	2.7655	.11925	.60998
#1	2.5786	27.775	1.0807	2.6003	1.3296	5.3604	2.6985	26.395
#2	2.5677	28.201	1.0829	2.5894	1.3253	5.0718	2.6931	26.635
#3	2.5656	28.126	1.0761	2.5869	1.3210	5.2193	2.6929	26.704
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5852	1.2994	26.001	2.6154	2.5536	26.509	5.3346	5.3912
Stddev	.0023	.0038	.353	.0065	.0705	.369	.0089	.0448
%RSD	.08785	.29030	1.3558	.24693	2.7597	1.3929	.16729	.83065
#1	2.5878	1.3033	25.636	2.6223	2.6224	26.191	5.3437	5.3465
#2	2.5843	1.2992	26.028	2.6095	2.4816	26.421	5.3344	5.3913
#3	2.5835	1.2958	26.340	2.6144	2.5570	26.914	5.3258	5.4360
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0675	5.3605	5.1985	5.3052	F 5.5221	5.199	F 5.5533	5.3653
Stddev	.0259	.0534	.0036	.0482	.0737	.005	.0717	.0439
%RSD	.51023	.99653	.06852	.90909	1.3347	.0949	1.2917	.81854
#1	5.0546	5.3091	5.2024	5.2497	5.4527	5.203	5.4910	5.3871
#2	5.0972	5.3566	5.1977	5.3368	5.5141	5.201	5.5372	5.3939
#3	5.0505	5.4157	5.1955	5.3291	5.5994	5.194	5.6318	5.3147

Sample Name: CCV08 Acquired: 1/28/2019 20:30:38 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2612
Stddev 1.0650
%RSD 47.100

#1 3.4776
#2 1.8101
#3 1.4960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2986.6	35692.	2895.9	6.9480	3072.1
Stddev	3.7	86.	25.6	.1899	4.6
%RSD	.12430	.24127	.88504	2.7328	.15099

#1	2984.1	35693.	2917.9	6.7692	3066.7
#2	2984.7	35605.	2901.9	7.1473	3074.6
#3	2990.8	35778.	2867.7	6.9274	3075.0

Sample Name: CCB08 Acquired: 1/28/2019 20:34:39 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.00013	.00165	.00031	-.00081	.01848	.02335
Stddev	.00189	.00074	.00062	.00342	.00114	.01046	.00066
%RSD	128.93	562.79	37.889	1104.3	140.54	56.615	2.8126

#1	.00042	.00070	.00168	.00094	.00050	.01589	.02261
#2	-.00145	-.00073	.00101	-.00338	-.00134	.02999	.02385
#3	-.00335	-.00036	.00226	.00338	-.00160	.00955	.02359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00020	-.00864	-.00008	-.00022	-.00025	-.01449
Stddev	.00014	.00005	.00856	.00025	.00003	.00052	.07935
%RSD	348.16	26.811	99.038	313.13	11.881	205.42	547.54

#1	.00010	-.00014	-.00640	-.00028	-.00024	-.00085	-.10166
#2	-.00004	-.00021	-.00142	.00021	-.00019	-.00004	.00465
#3	-.00018	-.00024	-.01810	-.00017	-.00022	.00012	.05354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.01516	-.00050	.00016	-.12167	-.00026	-.00049
Stddev	.00003	.00429	.00018	.00017	.01159	.00014	.00012
%RSD	49.057	28.294	36.261	108.41	9.5224	55.803	24.704

#1	-.00009	.02005	-.00057	.00020	-.10927	-.00020	-.00040
#2	-.00004	.01205	-.00030	.00030	-.13222	-.00042	-.00044
#3	-.00004	.01337	-.00065	-.00003	-.12353	-.00015	-.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.26821	.00026	.01517	F -.01315	.00480	.00060	.00964
Stddev	.03426	.00019	.01593	.02715	.00133	.00058	.00309
%RSD	12.775	73.513	104.97	206.47	27.787	96.591	32.113

#1	-.24074	.00044	.02133	.01803	.00339	.00113	.00611
#2	-.30660	.00028	-.00291	-.03155	.00496	.00068	.01188
#3	-.25728	.00006	.02710	-.02593	.00605	-.00002	.01092

Sample Name: CCB08 Acquired: 1/28/2019 20:34:39 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00146	-0.0018	-0.00000	F 4.2947	F<.00000
Stddev	.00178	.0011	.00011	.0054	.16311
%RSD	121.35	60.67	5012.6	.12674	99.710

#1	-0.00104	-0.0030	.00002	4.2884	-.31439
#2	.00006	-0.0013	-0.00012	4.2982	-.18588
#3	-0.00341	-0.0010	.00009	4.2974	.00953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.1	38122.	2918.5	7.4667	3524.5
Stddev	12.3	67.	14.9	.4707	14.9
%RSD	.39072	.17618	.50962	6.3035	.42133

#1	3140.2	38046.	2914.1	7.3659	3522.5
#2	3132.6	38145.	2906.3	7.0545	3510.8
#3	3156.6	38175.	2935.1	7.9795	3540.3

Sample Name: K1256-02 Acquired: 1/28/2019 20:39:07 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04330	-.01915	-.04014	-.07328	.00433	-.13862	.32124
Stddev	.00293	.00493	.00244	.00313	.00081	.02102	.00484
%RSD	6.7721	25.757	6.0905	4.2682	18.621	15.162	1.5070

#1	-.04669	-.02183	-.03736	-.07418	.00346	-.16020	.32097
#2	-.04173	-.02215	-.04193	-.06980	.00446	-.11822	.31653
#3	-.04150	-.01346	-.04115	-.07585	.00506	-.13745	.32620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	-.01388	571.94	-.03937	.00092	.06422	465.37
Stddev	.00044	.00108	4.94	.00012	.00056	.00143	9.10
%RSD	20.307	7.7464	.86446	.29588	60.596	2.2268	1.9551

#1	.00256	-.01265	569.00	-.03934	.00156	.06570	454.91
#2	.00169	-.01431	569.17	-.03950	.00055	.06284	469.73
#3	.00229	-.01467	577.65	-.03927	.00064	.06411	471.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.589	125.70	-.02011	-.06784	1037.8	-.00993	.17065
Stddev	.109	1.16	.00155	.00137	17.0	.00041	.00239
%RSD	.44260	.92293	7.7013	2.0205	1.6345	4.1083	1.3992

#1	24.580	124.64	-.02185	-.06900	1049.8	-.01019	.16793
#2	24.702	125.52	-.01959	-.06633	1018.4	-.00946	.17163
#3	24.484	126.94	-.01889	-.06819	1045.2	-.01015	.17239

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.120	-.00538	-.24692	F 15.676	.21286	.01404	-.00546
Stddev	.105	.00072	.01929	.037	.00370	.00034	.00374
%RSD	.86354	13.425	7.8122	.23292	1.7374	2.4384	68.540

#1	12.015	-.00583	-.26855	15.643	.21172	.01364	-.00497
#2	12.122	-.00455	-.23152	15.672	.20986	.01422	-.00199
#3	12.225	-.00577	-.24068	15.715	.21699	.01424	-.00942

Sample Name: K1256-02 Acquired: 1/28/2019 20:39:07 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05472	.1487	1.7422	5.9688	F<.00000
Stddev	.00665	.0022	.0186	.0612	3.6706
%RSD	12.150	1.505	1.0701	1.0253	.55874

#1	.04940	.1461	1.7445	5.9134	-658.82
#2	.05259	.1498	1.7225	6.0345	-659.27
#3	.06217	.1501	1.7596	5.9585	-652.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.5	30162.	2762.3	7.9540	2405.0
Stddev	8.1	116.	28.9	.1257	3.3
%RSD	.31635	.38407	1.0459	1.5802	.13776

#1	2560.0	30169.	2751.4	8.0935	2408.3
#2	2553.7	30042.	2795.1	7.9187	2405.0
#3	2543.9	30274.	2740.6	7.8497	2401.7

Sample Name: K1256-03 Acquired: 1/28/2019 20:43:44 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00145	.00618	.00276	-.00122	.02446	.17146	.00016
Stddev	.00300	.00137	.00029	.00277	.00180	.01279	.00425	.00010
%RSD	140.28	94.663	4.7570	100.19	147.67	52.287	2.4789	58.967

#1	-.00107	-.00172	.00584	.00583	-.00165	.01425	.16778	.00026
#2	.00262	-.00266	.00635	.00201	.00076	.03881	.17611	.00007
#3	.00487	.00004	.00636	.00045	-.00276	.02032	.17050	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	60.134	-.00049	.00017	.00016	2.2174	1.3726	7.8880
Stddev	.00012	.458	.00084	.00021	.00023	.2537	.0019	.1087
%RSD	31.387	.76184	170.32	125.84	149.36	11.441	.13871	1.3778

#1	-.00036	59.854	.00013	.00024	.00000	2.4378	1.3709	7.8205
#2	-.00052	60.663	-.00144	.00034	.00004	2.2742	1.3723	7.8302
#3	-.00028	59.886	-.00016	-.00007	.00042	1.9401	1.3746	8.0134

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	.00022	264.16	-.00058	.04065	2.4710	.00201	.03371
Stddev	.00024	.00120	1.13	.00018	.00344	.0347	.00026	.01154
%RSD	25.043	547.20	.42615	31.370	8.4611	1.4047	13.193	34.233

#1	-.00115	.00159	262.86	-.00052	.04367	2.4309	.00231	.03124
#2	-.00098	-.00068	264.85	-.00044	.04136	2.4903	.00187	.04628
#3	-.00069	-.00025	264.77	-.00078	.03691	2.4918	.00184	.02360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0699	.53108	.00112	.00693	.01325	.0157	.26399	5.5854
Stddev	.0255	.00855	.00053	.00390	.00203	.0009	.00168	.0570
%RSD	.62554	1.6104	47.330	56.355	15.355	5.610	.63584	1.0198

#1	4.0897	.52572	.00053	.01052	.01348	.0156	.26240	5.6186
#2	4.0412	.52656	.00128	.00277	.01111	.0148	.26575	5.6179
#3	4.0788	.54094	.00156	.00748	.01515	.0166	.26381	5.5196

Sample Name: K1256-03 Acquired: 1/28/2019 20:43:44 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5655
 Stddev .6207
 %RSD 13.594

#1 5.2647
 #2 4.0797
 #3 4.3521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.2	34671.	2896.6	7.2625	3014.2
Stddev	4.9	51.	17.7	.6161	8.7
%RSD	.16742	.14829	.61125	8.4839	.28864

#1	2916.3	34611.	2905.4	6.7247	3007.9
#2	2923.7	34701.	2876.2	7.1281	3024.1
#3	2914.5	34699.	2908.2	7.9348	3010.6

Sample Name: K1256-04 Acquired: 1/28/2019 20:48:11 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03269	-.01639	-.03450	-.04869	.00344	-.08261	1.5731
Stddev	.00040	.00602	.01552	.02638	.00175	.01642	.0043
%RSD	1.2113	36.731	44.990	54.185	50.976	19.882	.27665

#1	-.03280	-.01371	-.05176	-.01936	.00166	-.06376	1.5730
#2	-.03225	-.01218	-.03001	-.05621	.00348	-.09385	1.5688
#3	-.03302	-.02329	-.02171	-.07049	.00517	-.09021	1.5775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.01479	561.63	-.03570	.00629	.04889	410.30
Stddev	.00003	.00766	.19	.00235	.00012	.01382	68.31
%RSD	2.1084	51.830	.03443	6.5747	1.8515	28.260	16.648

#1	.00155	-.02308	561.51	-.03838	.00626	.03448	483.73
#2	.00148	-.01330	561.85	-.03470	.00641	.05018	398.51
#3	.00151	-.00797	561.53	-.03402	.00619	.06202	348.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.750	69.473	.00769	-.05244	1195.1	-.00991	.47930
Stddev	.129	.184	.00052	.00848	25.7	.00074	.08680
%RSD	.54340	.26414	6.7595	16.164	2.1513	7.4412	18.109

#1	23.891	69.470	.00712	-.04342	1210.9	-.00906	.57170
#2	23.721	69.659	.00782	-.05365	1209.0	-.01029	.46672
#3	23.637	69.292	.00813	-.06024	1165.4	-.01039	.39947

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.573	-.00484	-.15829	F 14.134	.10364	.00456	-.00696
Stddev	.009	.00033	.10181	.110	.01690	.00085	.00256
%RSD	.08079	6.8556	64.316	.77722	16.307	18.651	36.842

#1	10.574	-.00518	-.05202	14.256	.09719	.00387	-.00981
#2	10.564	-.00452	-.16791	14.043	.12282	.00430	-.00624
#3	10.581	-.00483	-.25495	14.104	.09092	.00551	-.00483

Sample Name: K1256-04 Acquired: 1/28/2019 20:48:11 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10871	.3111	1.0306	6.1249	F<.00000
Stddev	.00533	.0021	.0722	.0217	2.3576
%RSD	4.9022	.6627	7.0032	.35385	.44573
#1	.10374	.3130	.95397	6.1485	-528.09
#2	.10806	.3115	1.0406	6.1059	-531.59
#3	.11434	.3089	1.0973	6.1204	-527.10
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.5	30282.	2782.7	7.7297	2428.2
Stddev	1.5	52.	37.3	1.3469	5.1
%RSD	.05986	.17180	1.3410	17.426	.20917
#1	2575.8	30256.	2760.6	6.3728	2429.0
#2	2578.8	30248.	2761.7	7.7498	2422.7
#3	2578.0	30342.	2825.8	9.0664	2432.8

Sample Name: K1256-05 Acquired: 1/28/2019 20:52:49 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	-.00798	.00526	-.00000	-.00227	.03698	.63196
Stddev	.00145	.00118	.00110	.00101	.00064	.01116	.00831
%RSD	63.834	14.764	20.929	24956.	28.061	30.188	1.3147

#1	-.00143	-.00806	.00426	-.00023	-.00201	.04888	.62903
#2	-.00144	-.00676	.00509	.00110	-.00181	.02674	.64133
#3	-.00395	-.00911	.00644	-.00088	-.00300	.03533	.62551

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00332	264.25	-.00493	.00037	.00600	57.670
Stddev	.00005	.00121	2.36	.00069	.00028	.00231	10.173
%RSD	37.872	36.561	.89403	13.949	73.900	38.511	17.641

#1	.00017	-.00455	262.11	-.00560	.00007	.00371	68.290
#2	.00009	-.00328	263.85	-.00495	.00062	.00596	56.707
#3	.00010	-.00213	266.78	-.00423	.00043	.00832	48.012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6176	46.595	-.00436	-.00588	1075.5	-.00039	.06838
Stddev	.0081	.051	.00025	.00225	7.3	.00040	.01164
%RSD	.30975	.11023	5.6997	38.274	.67469	102.28	17.025

#1	2.6247	46.641	-.00412	-.00333	1069.8	-.00065	.08051
#2	2.6193	46.604	-.00462	-.00671	1073.0	-.00060	.06731
#3	2.6087	46.539	-.00436	-.00759	1083.6	.00007	.05731

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.500	.03172	.16862	5.7596	.20712	.00366	-.00308
Stddev	.112	.00011	.01490	.0468	.00936	.00030	.00312
%RSD	.82752	.34099	8.8391	.81164	4.5202	8.2835	101.43

#1	13.424	.03160	.18545	5.8136	.19986	.00346	.00053
#2	13.628	.03174	.16330	5.7345	.20382	.00400	-.00481
#3	13.448	.03182	.15710	5.7308	.21769	.00350	-.00496

Sample Name: K1256-05 Acquired: 1/28/2019 20:52:49 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13992	.0298	1.3907	6.6068	F<.00000
Stddev	.00352	.0024	.0221	.0377	.77882
%RSD	2.5180	8.162	1.5872	.56983	1.4519
#1	.13681	.0286	1.3705	6.6192	-52.774
#2	.14375	.0325	1.3874	6.6366	-54.284
#3	.13921	.0281	1.4143	6.5645	-53.862
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.5	31243.	2816.9	7.4844	2622.2
Stddev	11.1	93.	16.9	1.2714	8.5
%RSD	.41348	.29869	.60042	16.988	.32262
#1	2678.9	31216.	2830.6	6.2112	2612.5
#2	2695.8	31166.	2822.2	7.4879	2626.2
#3	2699.9	31347.	2798.0	8.7540	2628.0

Sample Name: K1256-06 Acquired: 1/28/2019 20:57:24 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	-.00362	.00464	.00015	.00070	.01844	.25929
Stddev	.00345	.00170	.00046	.00204	.00039	.01030	.00453
%RSD	337.06	46.831	9.9910	1383.1	56.224	55.867	1.7458

#1	-.00500	-.00397	.00484	-.00095	.00030	.01591	.26036
#2	.00071	-.00511	.00497	.00250	.00071	.02976	.26318
#3	.00121	-.00178	.00411	-.00110	.00108	.00963	.25432

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00097	43.428	-.00054	-.00028	.00091	8.4254
Stddev	.00002	.00002	.318	.00027	.00008	.00042	.2419
%RSD	42.493	2.4827	.73300	49.381	28.195	46.229	2.8709

#1	.00003	-.00094	43.102	-.00045	-.00025	.00043	8.1553
#2	.00006	-.00099	43.738	-.00084	-.00037	.00119	8.4987
#3	.00008	-.00097	43.445	-.00033	-.00022	.00112	8.6222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65647	11.409	-.00055	-.00089	183.44	-.00066	.06095
Stddev	.00055	.082	.00033	.00030	1.48	.00023	.00211
%RSD	.08429	.71494	59.391	33.264	.80726	34.679	3.4565

#1	.65583	11.319	-.00036	-.00063	183.89	-.00090	.05852
#2	.65674	11.430	-.00037	-.00121	181.79	-.00064	.06228
#3	.65684	11.478	-.00094	-.00083	184.64	-.00044	.06206

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5035	-.00009	.03383	.36132	1.3134	.00172	.00790
Stddev	.0417	.00023	.01342	.01885	.0064	.00024	.00239
%RSD	2.7763	253.68	39.676	5.2164	.48712	14.203	30.270

#1	1.5478	.00016	.03756	.37877	1.3126	.00191	.00584
#2	1.4650	-.00027	.04500	.34133	1.3075	.00144	.00733
#3	1.4976	-.00016	.01894	.36387	1.3202	.00179	.01052

Sample Name: K1256-06 Acquired: 1/28/2019 20:57:24 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01491	-.0018	.21613	5.3136	F<.00000
Stddev	.00631	.0013	.00186	.0701	1.0968
%RSD	42.324	70.72	.85962	1.3193	20.175

#1	.01015	-.0005	.21441	5.3665	-5.1614
#2	.02207	-.0030	.21810	5.3401	-6.6442
#3	.01251	-.0018	.21588	5.2341	-4.5029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.5	35384.	2917.3	7.3808	3083.6
Stddev	5.9	125.	18.4	.2413	8.7
%RSD	.20040	.35380	.63215	3.2695	.28057

#1	2967.9	35240.	2896.5	7.6588	3084.5
#2	2962.9	35452.	2923.8	7.2580	3074.5
#3	2974.7	35461.	2931.6	7.2256	3091.7

Sample Name: K1258-01 Acquired: 1/28/2019 21:01:49 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01497	-.02217	.02593	-.00607	-.00001	16.831	.04167
Stddev	.00069	.00060	.00220	.00502	.00247	.037	.00391
%RSD	4.5886	2.7035	8.4685	82.704	17976.	.21890	9.3848

#1	.01534	-.02282	.02692	-.00911	.00238	16.790	.04524
#2	.01417	-.02164	.02341	-.00028	.00012	16.841	.04227
#3	.01539	-.02204	.02746	-.00882	-.00254	16.861	.03749

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00499	-.23960	.06008	.00082	.02349	88.477
Stddev	.00011	.00159	.05605	.00085	.00007	.00265	13.702
%RSD	10.345	31.914	23.394	1.4065	8.5615	11.299	15.486

#1	.00106	-.00417	-.24561	.06064	.00085	.02493	81.028
#2	.00111	-.00683	-.29241	.05911	.00087	.02042	104.29
#3	.00091	-.00398	-.18079	.06050	.00074	.02511	80.114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06662	.07371	.00014	-.00536	.16410	.07373	.03552
Stddev	.00066	.03817	.00021	.00207	.00900	.00073	.00561
%RSD	.98960	51.785	147.50	38.561	5.4859	.99440	15.792

#1	.06732	.11126	.00001	-.00677	.17446	.07443	.03252
#2	.06602	.07494	.00039	-.00299	.15966	.07296	.04199
#3	.06651	.03494	.00003	-.00632	.15817	.07379	.03205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0424	.01684	-.02035	.38575	3.3881	.00414	1.2767
Stddev	.0120	.00011	.02201	.02247	.0550	.00063	.0070
%RSD	1.1492	.64031	108.15	5.8259	1.6243	15.291	.54997

#1	1.0488	.01691	-.03038	.40433	3.4495	.00475	1.2838
#2	1.0285	.01688	.00489	.36077	3.3433	.00349	1.2697
#3	1.0498	.01671	-.03556	.39214	3.3713	.00419	1.2765

Sample Name: K1258-01 Acquired: 1/28/2019 21:01:49 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	.1747	-.09283	3.5302	F<.00000
Stddev	.00291	.0005	.01511	.0976	1.3088
%RSD	112.80	.2714	16.277	2.7636	1.0977

#1	.00026	.1751	-.08465	3.5781	-119.63
#2	-.00244	.1742	-.11026	3.5945	-117.77
#3	-.00556	.1748	-.08357	3.4179	-120.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.3	40574.	3181.8	7.6727	3535.0
Stddev	5.3	142.	33.8	1.0610	8.5
%RSD	.15906	.34931	1.0614	13.828	.24088

#1	3353.2	40421.	3160.9	8.2182	3525.6
#2	3363.2	40599.	3220.8	6.4500	3537.3
#3	3361.5	40701.	3163.7	8.3500	3542.2

Sample Name: K1261-01 Acquired: 1/28/2019 21:06:14 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05431	-.13403	1.2609	-.01875	.00327	142.51	1.3207
Stddev	.00469	.00200	.0133	.01354	.00203	.99	.0101
%RSD	8.6293	1.4932	1.0551	72.221	61.871	.69562	.76683

#1	.05257	-.13244	1.2528	-.00527	.00539	141.63	1.3299
#2	.05962	-.13628	1.2762	-.03236	.00136	142.30	1.3099
#3	.05075	-.13338	1.2536	-.01863	.00307	143.58	1.3223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00735	-.00410	452.50	.44504	.13211	1.2276	232.80
Stddev	.00011	.00581	3.47	.00017	.00039	.0106	51.18
%RSD	1.4531	141.93	.76664	.03819	.29672	.86099	21.984

#1	.00723	-.00934	453.97	.44503	.13236	1.2191	278.83
#2	.00742	.00215	448.54	.44488	.13166	1.2394	177.69
#3	.00741	-.00510	454.99	.44522	.13230	1.2242	241.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3493	93.855	.35495	-.03044	2.7974	.53262	5.8798
Stddev	.0103	.941	.00174	.00693	.0151	.00211	1.3221
%RSD	.23593	1.0026	.49048	22.755	.53883	.39692	22.486

#1	4.3525	94.260	.35672	-.02464	2.8110	.53241	7.0743
#2	4.3378	92.779	.35324	-.03811	2.7812	.53483	4.4592
#3	4.3576	94.526	.35488	-.02858	2.8000	.53062	6.1059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.464	.00869	.02487	F 12.950	2.9735	.06646	6.7484
Stddev	.371	.00027	.08511	.109	.0387	.00084	.0208
%RSD	.99086	3.1075	342.17	.83834	1.3026	1.2701	.30882

#1	37.762	.00895	.10917	12.945	3.0161	.06580	6.7622
#2	37.048	.00872	-.06103	12.844	2.9405	.06741	6.7585
#3	37.583	.00841	.02649	13.061	2.9638	.06617	6.7244

Sample Name: K1261-01 Acquired: 1/28/2019 21:06:14 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21927	8.882	1.0180	4.1728	F<.00000
Stddev	.00394	.028	.0487	.0689	.53120
%RSD	1.7973	.3197	4.7847	1.6511	.15885

#1	.21766	8.890	.97057	4.2383	-333.94
#2	.21640	8.851	1.0679	4.1009	-334.29
#3	.22377	8.906	1.0156	4.1792	-334.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.1	38866.	3369.8	8.4524	2797.8
Stddev	9.4	113.	34.8	2.0467	5.5
%RSD	.28799	.29020	1.0325	24.214	.19718

#1	3271.9	38797.	3334.8	6.7675	2795.8
#2	3267.6	38996.	3404.4	10.730	2793.5
#3	3285.7	38804.	3370.1	7.8598	2804.0

Sample Name: K1261-03 Acquired: 1/28/2019 21:10:32 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15825	-.08450	1.3843	-.01655	.00214	96.619	.68092
Stddev	.00049	.00073	.0082	.01025	.00338	.735	.00238
%RSD	.30759	.86112	.59339	61.908	157.74	.76026	.34968

#1	.15874	-.08490	1.3919	-.02173	.00101	95.864	.68185
#2	.15777	-.08366	1.3756	-.00475	-.00053	97.331	.67822
#3	.15823	-.08494	1.3853	-.02318	.00594	96.662	.68270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00805	-.00732	30.799	.25731	.07495	.67908	279.76
Stddev	.00008	.00305	.081	.00272	.00031	.00784	25.47
%RSD	1.0247	41.664	.26180	1.0588	.41544	1.1550	9.1031

#1	.00807	-.00566	30.829	.25429	.07490	.68271	265.32
#2	.00795	-.01085	30.708	.25958	.07466	.67008	309.16
#3	.00811	-.00547	30.861	.25807	.07528	.68445	264.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0996	45.757	.33003	-.02791	1.6301	.45654	1.3866
Stddev	.0071	.186	.00027	.00379	.0186	.00197	.1226
%RSD	.33733	.40542	.08253	13.570	1.1419	.43079	8.8408

#1	2.0939	45.668	.33026	-.03013	1.6474	.45427	1.3204
#2	2.1076	45.633	.33009	-.02353	1.6104	.45749	1.5280
#3	2.0974	45.970	.32973	-.03006	1.6325	.45784	1.3113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.801	.00717	-.01747	6.9749	2.4405	.10345	4.3729
Stddev	.157	.00030	.04723	.0278	.0390	.00176	.0246
%RSD	.99670	4.1517	270.37	.39825	1.5984	1.6985	.56175

#1	15.963	.00698	-.03580	6.9898	2.4633	.10311	4.3446
#2	15.649	.00701	.03618	6.9920	2.3955	.10536	4.3853
#3	15.790	.00751	-.05279	6.9428	2.4627	.10189	4.3888

Sample Name: K1261-03 Acquired: 1/28/2019 21:10:32 Type: Unk
 Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14011	6.854	-.17875	2.9051	F<.00000
Stddev	.00341	.019	.02800	.1550	1.8110
%RSD	2.4344	.2812	15.666	5.3343	.44126
#1	.14204	6.876	-.16284	2.8587	-408.83
#2	.13617	6.842	-.21108	3.0780	-410.00
#3	.14213	6.843	-.16232	2.7787	-412.39
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.2	42366.	3486.5	8.1853	3114.8
Stddev	15.1	172.	22.9	.6905	2.4
%RSD	.42787	.40656	.65605	8.4355	.07786
#1	3518.5	42450.	3464.2	8.5619	3113.0
#2	3542.5	42168.	3509.9	7.3884	3117.6
#3	3514.7	42481.	3485.4	8.6056	3113.8

Sample Name: CCV09 Acquired: 1/28/2019 21:14:43 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1325	5.1931	5.0922	5.1472	5.1935	10.677	9.5513	.26061
Stddev	.0040	.0091	.0063	.0094	.0007	.069	.0926	.00143
%RSD	.07775	.17579	.12408	.18274	.01374	.64872	.97004	.55015
#1	5.1279	5.1865	5.0885	5.1420	5.1944	10.599	9.4448	.25895
#2	5.1345	5.2035	5.0995	5.1580	5.1931	10.730	9.5953	.26142
#3	5.1351	5.1892	5.0886	5.1415	5.1932	10.702	9.6137	.26145
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5336	F 27.761	1.0654	2.5557	1.3100	5.3033	2.6487	26.274
Stddev	.0024	.252	.0038	.0040	.0020	.8067	.0092	.217
%RSD	.09257	.90917	.35406	.15518	.15227	15.211	.34795	.82778
#1	2.5321	27.526	1.0615	2.5557	1.3093	5.3541	2.6381	26.121
#2	2.5363	28.028	1.0690	2.5597	1.3123	6.0835	2.6548	26.523
#3	2.5325	27.730	1.0658	2.5517	1.3085	4.4724	2.6532	26.178
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5553	1.2806	25.884	2.5880	2.6529	26.742	5.2742	5.3605
Stddev	.0018	.0040	.140	.0062	.4111	.224	.0063	.0413
%RSD	.07195	.31005	.54200	.23797	15.498	.83597	.11951	.77043
#1	2.5538	1.2772	25.744	2.5817	2.6805	26.486	5.2673	5.3332
#2	2.5573	1.2797	25.884	2.5940	3.0495	26.895	5.2796	5.3403
#3	2.5547	1.2850	26.025	2.5881	2.2286	26.846	5.2757	5.4080
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0298	5.3681	5.1572	5.2729	5.4888	5.129	F 5.5391	5.3155
Stddev	.0378	.0363	.0016	.0220	.0602	.004	.0590	.0308
%RSD	.75084	.67589	.03020	.41762	1.0977	.0845	1.0658	.57950
#1	4.9862	5.3264	5.1562	5.2597	5.4199	5.134	5.4710	5.2800
#2	5.0519	5.3923	5.1590	5.2984	5.5152	5.128	5.5761	5.3347
#3	5.0513	5.3856	5.1565	5.2608	5.5314	5.126	5.5702	5.3318

Sample Name: CCV09 Acquired: 1/28/2019 21:14:43 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3604
Stddev .9307
%RSD 39.428

#1 2.2238
#2 3.3519
#3 1.5057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.2	35852.	2879.2	6.7583	3092.1
Stddev	3.9	52.	13.6	1.0727	6.2
%RSD	.12950	.14588	.47259	15.873	.20108

#1	3007.6	35825.	2892.1	6.5739	3091.5
#2	3001.8	35819.	2880.5	5.7897	3086.2
#3	3009.2	35913.	2865.0	7.9112	3098.6

Sample Name: CCB09 Acquired: 1/28/2019 21:18:44 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.00277	.00200	.00171	-.00063	.01291	.02403	.00001
Stddev	.00074	.00087	.00061	.00237	.00115	.00921	.00387	.00007
%RSD	47.139	31.476	30.513	138.45	182.92	71.352	16.110	666.42
#1	-.00201	-.00187	.00254	.00348	-.00196	.00976	.02128	.00005
#2	-.00201	-.00361	.00134	.00264	.00009	.02328	.02845	-.00007
#3	-.00072	-.00282	.00213	-.00098	-.00002	.00569	.02235	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.01694	-.00037	-.00028	.00057	-.04348	-.00004	.00823
Stddev	.00009	.01277	.00041	.00024	.00019	.07313	.00002	.03037
%RSD	40.554	75.389	113.34	86.302	33.645	168.21	47.184	368.94
#1	-.00032	-.00523	-.00060	-.00050	.00047	.02606	-.00003	.03688
#2	-.00022	-.03055	-.00061	-.00030	.00079	-.03674	-.00003	-.02361
#3	-.00013	-.01503	.00011	-.00003	.00045	-.11974	-.00006	.01143
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	.00033	-.00563	-.00033	-.00014	-.23257	.00029	.00388
Stddev	.00027	.00013	.00524	.00070	.00030	.03106	.00021	.00746
%RSD	30.787	37.565	93.097	212.93	215.30	13.353	71.709	192.11
#1	-.00090	.00027	-.01065	-.00087	.00010	-.20193	.00043	.01054
#2	-.00116	.00048	-.00606	.00046	-.00004	-.26402	.00040	-.00418
#3	-.00061	.00025	-.00019	-.00058	-.00048	-.23177	.00005	.00528
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01992	.00585	.00030	.00565	.00016	-.0022	-.00008	F 4.2526
Stddev	.01852	.00035	.00032	.00400	.00418	.0012	.00012	.2079
%RSD	92.950	5.9151	108.29	70.790	2561.6	53.80	148.35	4.8884
#1	.04022	.00546	.00067	.00330	-.00245	-.0017	-.00014	4.4876
#2	.00394	.00598	.00012	.01027	.00499	-.0014	-.00016	4.0927
#3	.01561	.00611	.00011	.00338	-.00205	-.0036	.00006	4.1775

Sample Name: CCB09 Acquired: 1/28/2019 21:18:44 Type: Unk
Method: P4-ICP2(v2796) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .55885
%RSD 12309.

#1 -.37514
#2 -.27674
#3 .63826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.2	38219.	2923.2	6.8932	3552.6
Stddev	3.2	209.	7.8	.7696	6.7
%RSD	.10173	.54714	.26822	11.165	.18953

#1	3177.9	38011.	2930.4	6.4591	3545.7
#2	3181.6	38217.	2914.8	6.4386	3559.2
#3	3175.1	38429.	2924.5	7.7818	3552.9