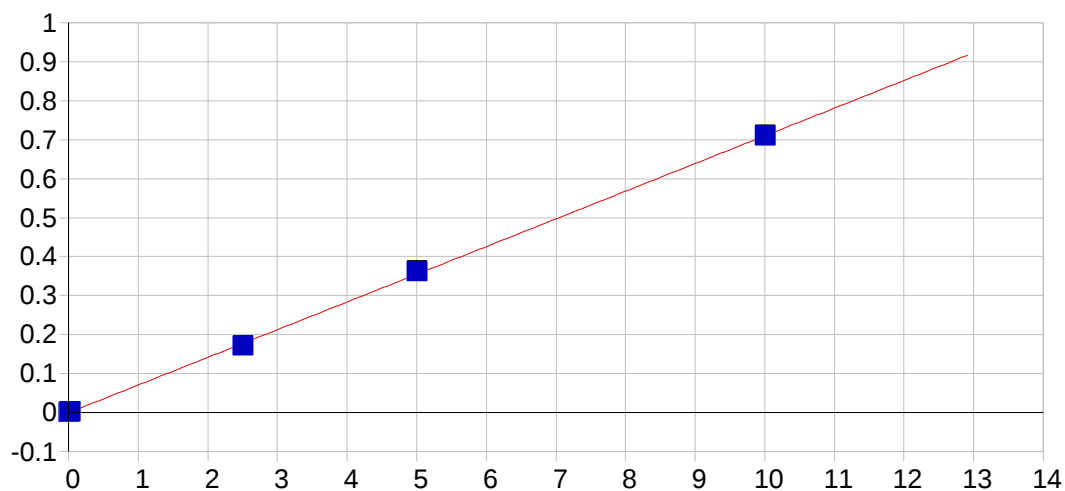


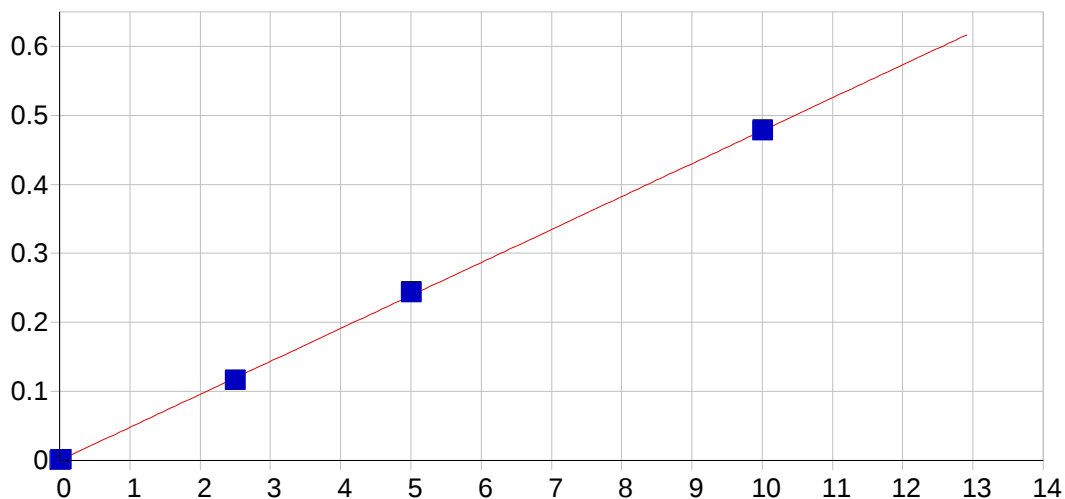


As 189.042 {478}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.071032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002541
 Predicted MQL: 0.008469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.02000	.01975	-.000	-1.23	.00103	.000	1
S3	2.5000	2.4008	-.099	-3.97	.17015	.000	1
S4	5.0000	5.0989	.099	1.98	.36179	.001	1
S5	10.000	10.001	.001	.006	.70995	.001	1



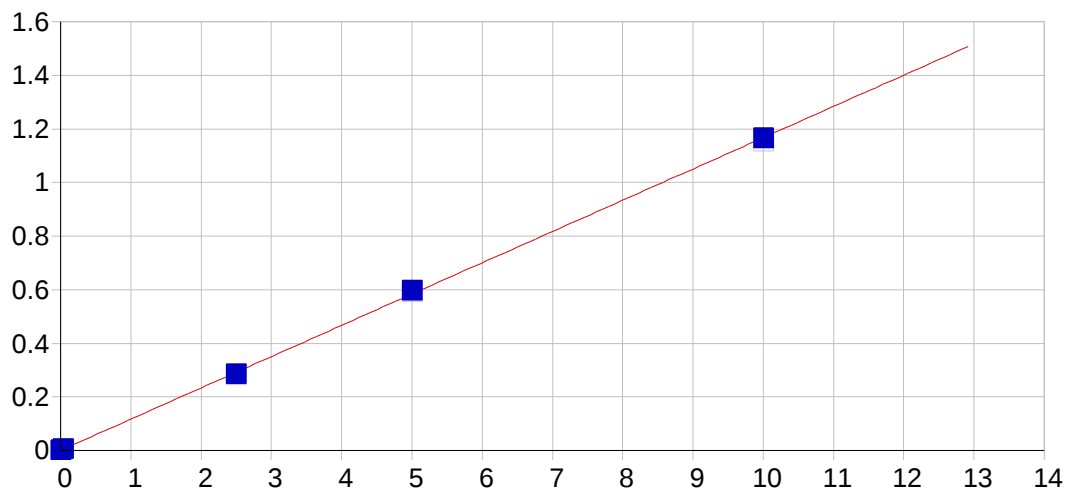
As 189.042 {479}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000286 Re-Slope: 1.000000

A1 (Gain): 0.047749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002382
 Predicted MQL: 0.007940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.02000	.01890	-.001	-5.50	.00119	.000	1
S3	2.5000	2.4126	-.087	-3.50	.11549	.000	1
S4	5.0000	5.0864	.086	1.73	.24316	.001	1
S5	10.000	10.002	.002	.021	.47789	.001	1

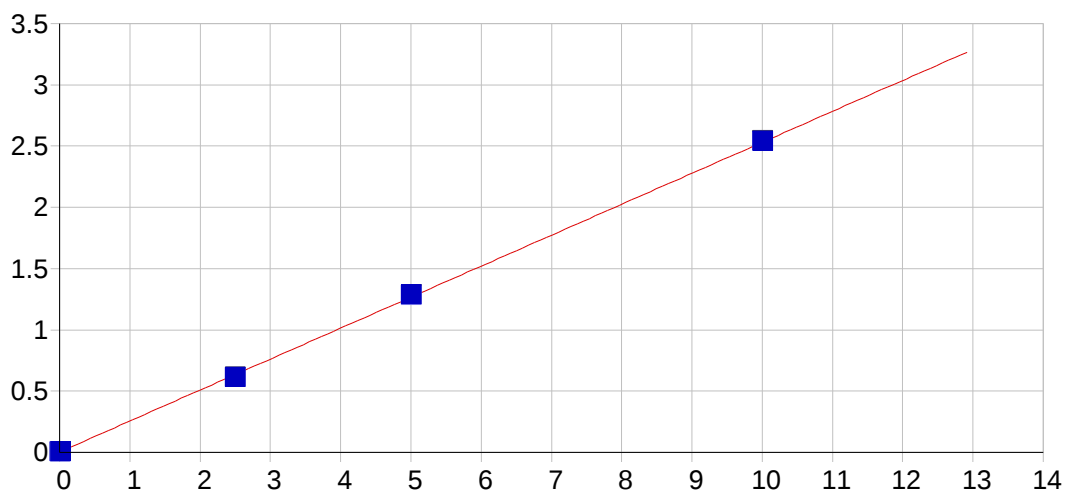


TI 190.856 {477}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.116674 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001164
 Predicted MQL: 0.003881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.04000	.03991	-.000	-.220	.00478	.000	1
S3	2.5000	2.4277	-.072	-2.89	.28050	.001	1
S4	5.0000	5.1022	.102	2.04	.58955	.001	1
S5	10.000	9.9702	-.030	-.298	1.1515	.001	1

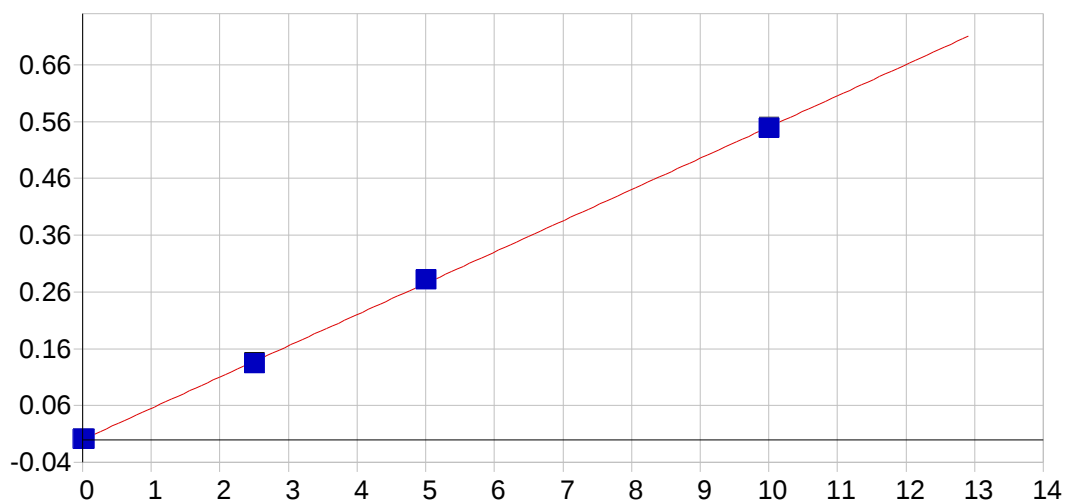


Pb 220.353 {453}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003390 Re-Slope: 1.000000
 A1 (Gain): 0.252742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000923
 Predicted MQL: 0.003078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00339	.000	1
S1	.01200	.00910	-.003	-24.1	.00563	.000	1
S3	2.5000	2.3999	-.100	-4.01	.60908	.001	1
S4	5.0000	5.0643	.064	1.29	1.2816	.001	1
S5	10.000	10.039	.039	.386	2.5371	.005	1



Se 196.090 {472}

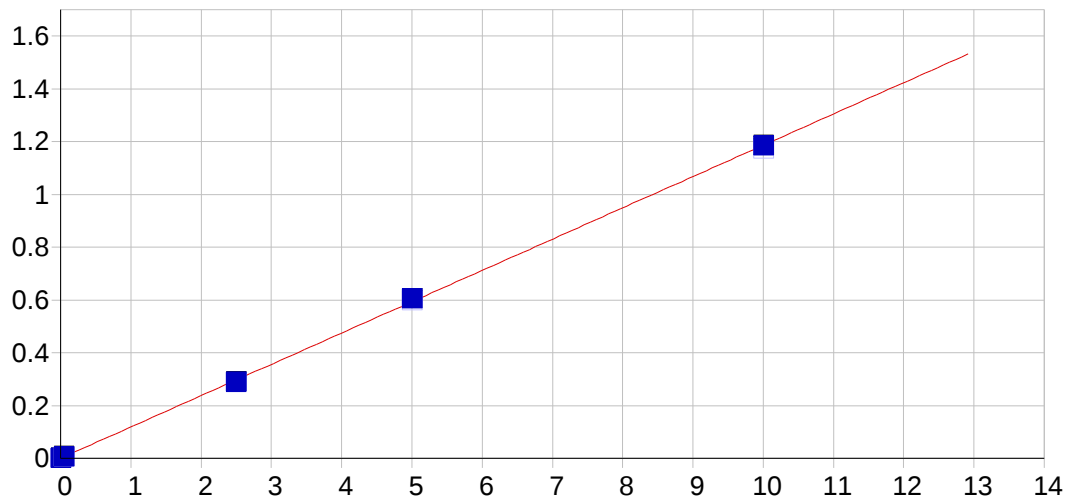
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.055027 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000022
 Predicted MDL: 0.002902
 Predicted MQL: 0.009672

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.02000	.01702	-.003	-14.9	.00095	.000	1
S3	2.5000	2.4293	-.071	-2.83	.13366	.001	1
S4	5.0000	5.1090	.109	2.18	.28109	.000	1
S5	10.000	9.9647	-.035	-.353	.54822	.001	1



Sb 206.833 {463}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

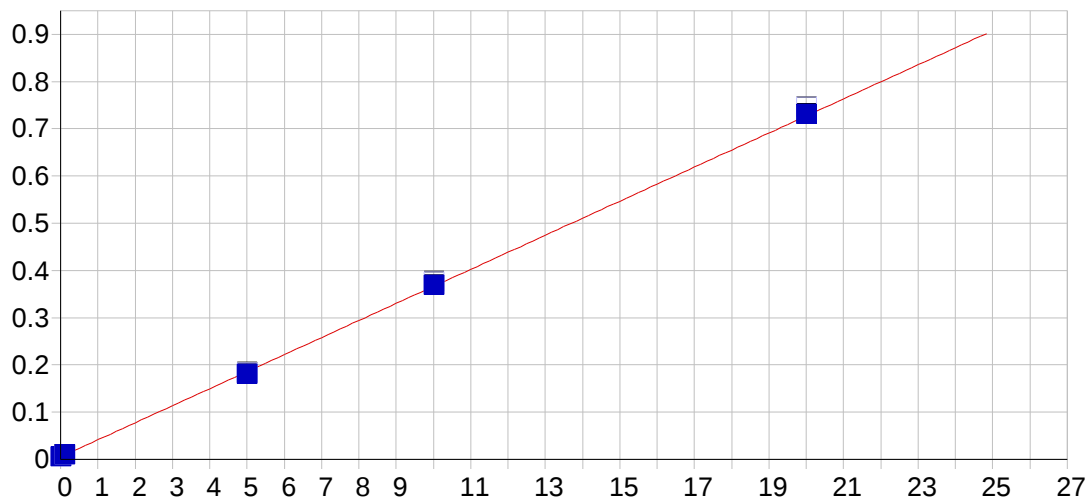
Weighting: 1/Conc

A0 (Offset): 0.000280
 A1 (Gain): 0.118596
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000064
 Predicted MDL: 0.001719
 Predicted MQL: 0.005731

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	.00028	.000	1
S1	.05000	.04810	-.002	-3.80	.00584	.000	1
S3	2.5000	2.4316	-.068	-2.74	.28532	.001	1
S4	5.0000	5.0875	.087	1.75	.59697	.001	1
S5	10.000	9.9828	-.017	-.172	1.1709	.003	1

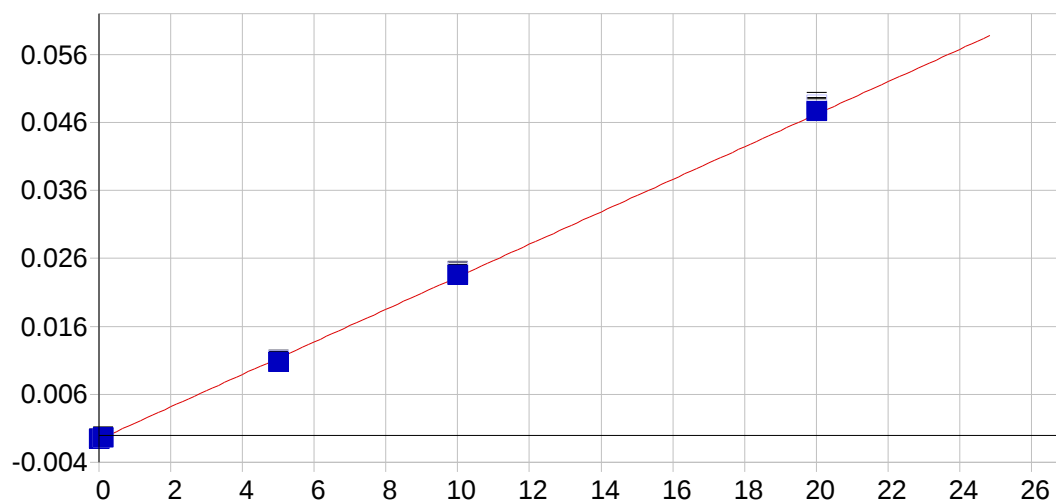


AI 308.215 {109}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005301 Re-Slope: 1.000000
 A1 (Gain): 0.036100 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.002556
 Predicted MQL: 0.008520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00530	.000	1
S1	.10000	.10177	.002	1.77	.00922	.000	1
S3	5.0000	4.8346	-.165	-3.31	.18342	.000	1
S4	10.000	10.065	.065	.652	.37584	.000	1
S5	20.000	20.098	.098	.492	.74522	.000	1



AI 309.271 {109}

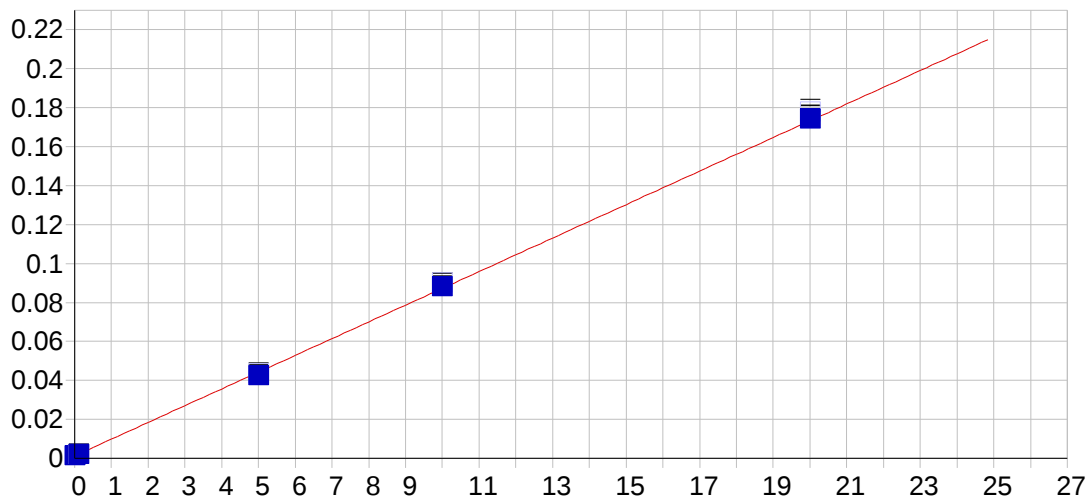
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000639 Re-Slope: 1.000000
 A1 (Gain): 0.002392 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781
 Std Error of Est: 0.000004
 Predicted MDL: 0.027072
 Predicted MQL: 0.090240

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00064	.000	1
S1	.10000	.08731	-.013	-12.7	-.00041	.000	1
S3	5.0000	4.7537	-.246	-4.93	.01097	.000	1
S4	10.000	10.093	.093	.933	.02398	.000	1
S5	20.000	20.166	.166	.832	.04855	.000	1



AI 396.152 { 85}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

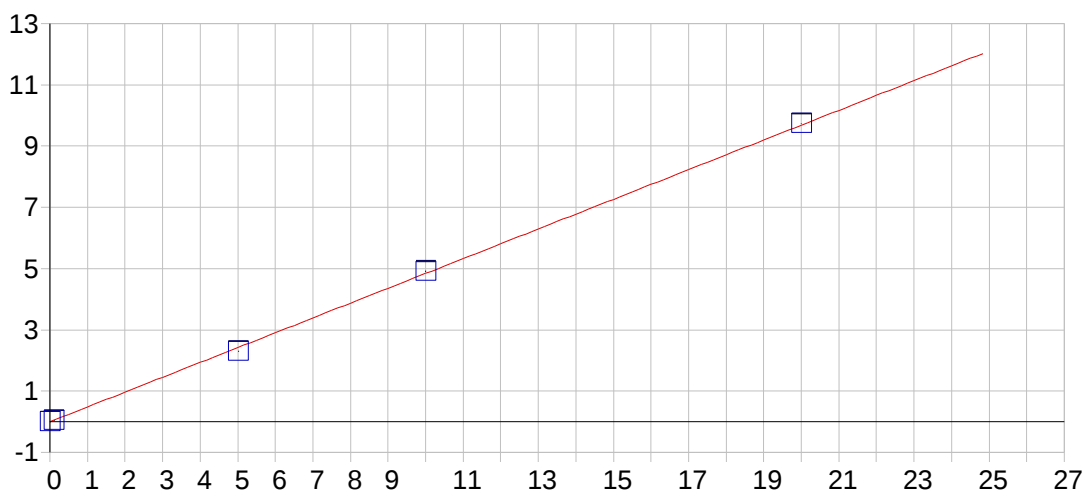
Weighting: 1/Conc

A0 (Offset): 0.001228
 A1 (Gain): 0.008603
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000012
 Predicted MDL: 0.011962
 Predicted MQL: 0.039874

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	.00123	.000	1
S1	.10000	.09429	-.006	-5.71	.00210	.000	1
S3	5.0000	4.7822	-.218	-4.36	.04322	.000	1
S4	10.000	10.109	.109	1.09	.08991	.000	1
S5	20.000	20.114	.114	.572	.17769	.002	1

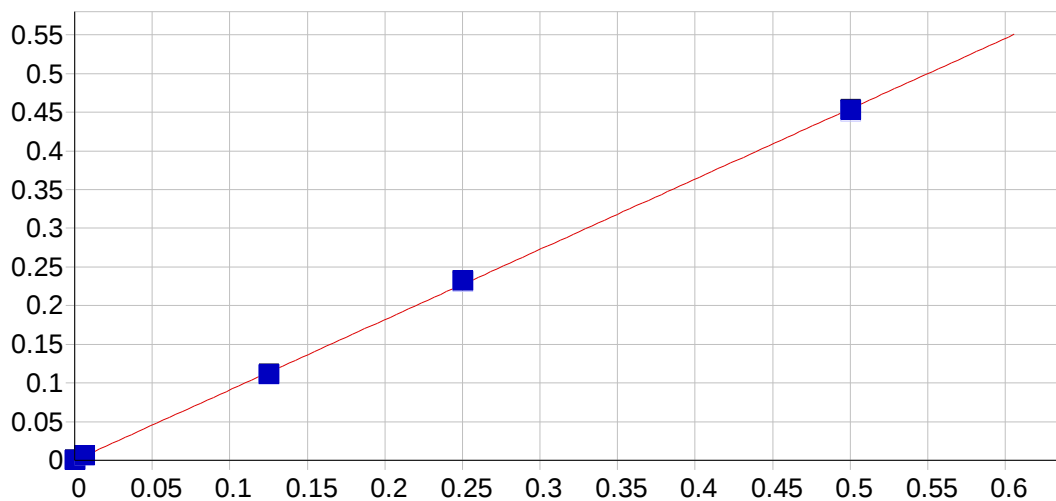


Ba 493.409 { 68}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000223 Re-Slope: 1.000000
 A1 (Gain): 0.484198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999789 Status: OK.
 Std Error of Est: 0.000761
 Predicted MDL: 0.000501
 Predicted MQL: 0.001668

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.000	1
S1	.10000	.09549	-.005	-4.51	.04601	.000	1
S3	5.0000	4.7549	-.245	-4.90	2.3021	.009	1
S5	20.000	20.106	.106	.528	9.7348	.012	1
S4	10.000	10.144	.144	1.44	4.9115	.022	1



Be 234.861 {144}

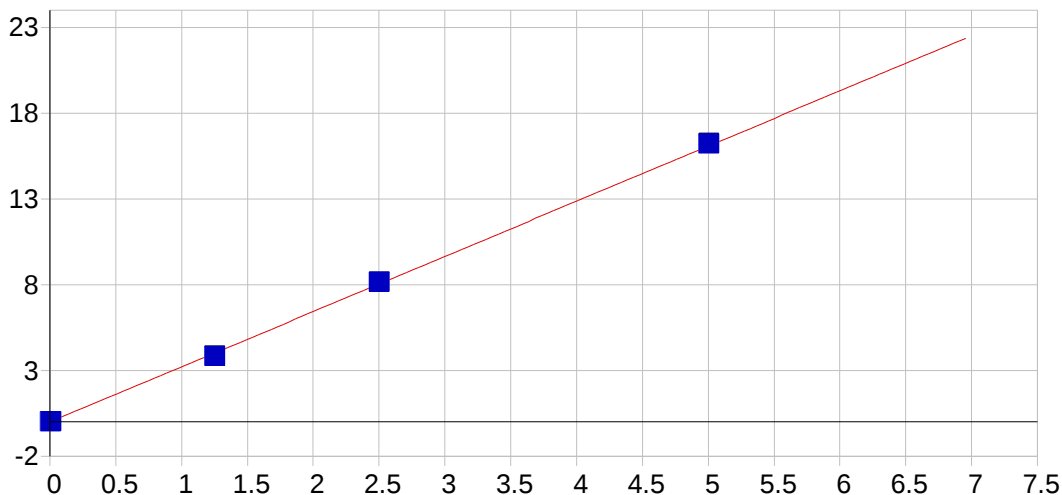
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.908668 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000037
 Predicted MDL: 0.000066
 Predicted MQL: 0.000219

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.00600	.00602	.000	.265	.00547	.000	1
S3	.12500	.12216	-.003	-2.28	.11034	.000	1
S4	.25000	.25481	.005	1.92	.23016	.000	1
S5	.50000	.49802	-.002	-.396	.44973	.001	1



Cd 226.502 {449}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

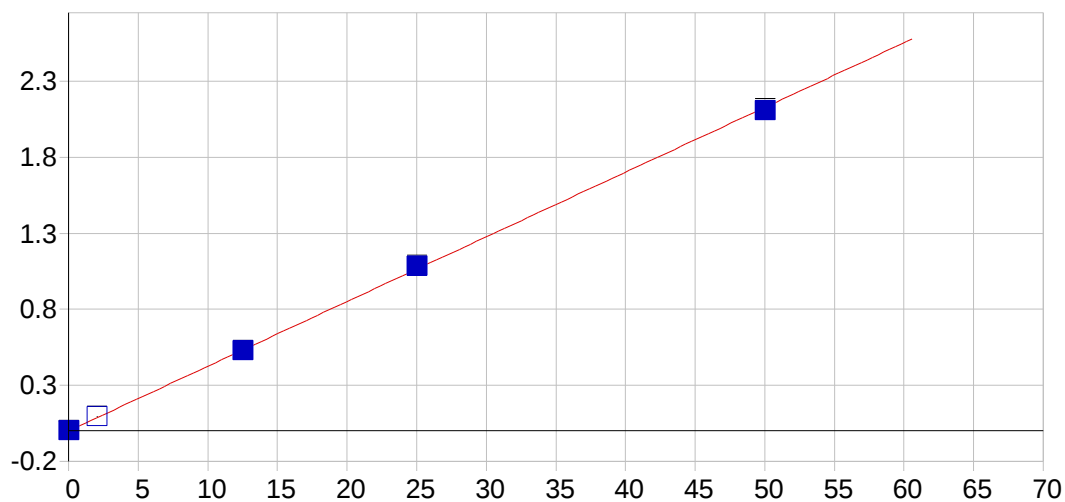
Weighting: 1/Conc

A0 (Offset): -0.003501
 A1 (Gain): 3.217429
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781
 Std Error of Est: 0.000630
 Predicted MDL: 0.000081
 Predicted MQL: 0.000270

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	-.00350	.000	1
S1	.00600	.00557	-.000	-7.13	.01447	.000	1
S3	1.2500	1.1864	-.064	-5.09	3.8147	.007	1
S4	2.5000	2.5277	.028	1.11	8.1310	.005	1
S5	5.0000	5.0363	.036	.726	16.204	.022	1

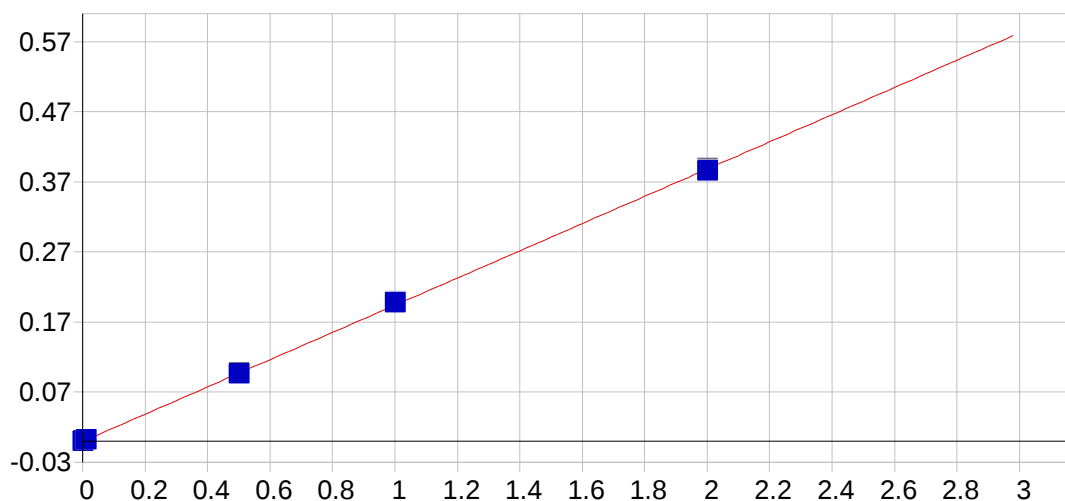


Ca 373.690 { 90}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000057 Re-Slope: 1.000000
 A1 (Gain): 0.042546 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000469
 Predicted MDL: 0.016853
 Predicted MQL: 0.056176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2110	.211	10.6	.09413	.001	1
S0	.00000	-.00021	-.000	.000	.00005	.000	1
S3	12.500	12.377	-.123	-.982	.52694	.003	1
S4	25.000	25.433	.433	1.73	1.0827	.006	1
S5	50.000	49.478	-.522	-1.04	2.1063	.012	1



Cr 267.716 {126}

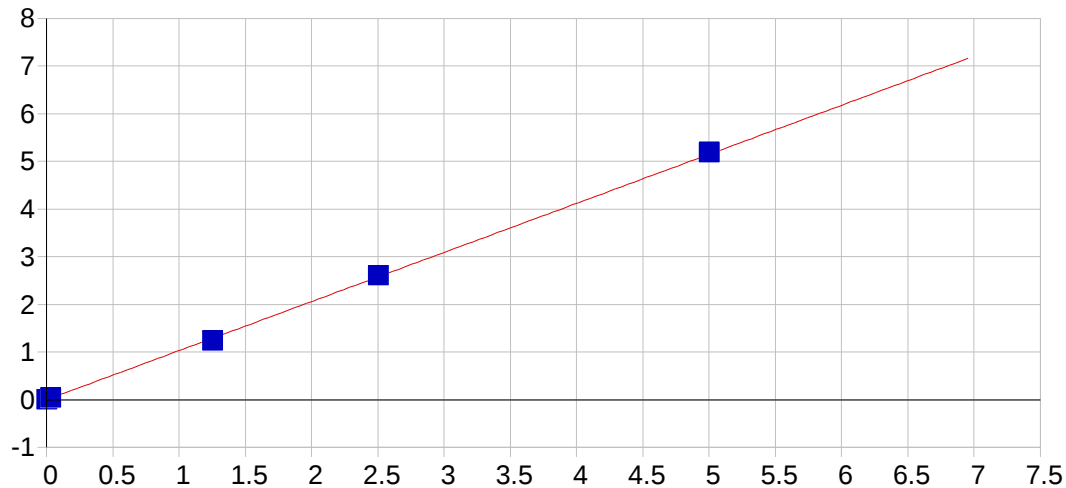
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000193 Re-Slope: 1.000000
 A1 (Gain): 0.194213 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000017
 Predicted MDL: 0.000430
 Predicted MQL: 0.001434

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.00952	-.000	-4.78	.00167	.000	1
S3	.50000	.49733	-.003	-.534	.09716	.000	1
S4	1.0000	1.0177	.018	1.77	.19898	.000	1
S5	2.0000	1.9855	-.015	-.727	.38847	.000	1



Co 228.616 {447}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

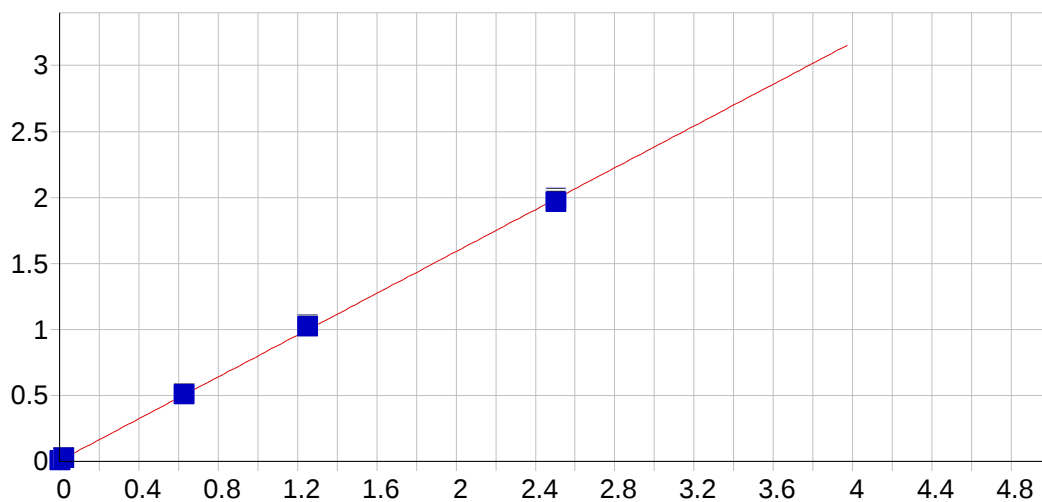
Weighting: 1/Conc

A0 (Offset): -0.000714
 A1 (Gain): 1.030181
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799
 Std Error of Est: 0.000433
 Predicted MDL: 0.000216
 Predicted MQL: 0.000720

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	-.00071	.000	1
S1	.03000	.02766	-.002	-7.79	.02758	.000	1
S3	1.2500	1.1907	-.059	-4.74	1.2270	.004	1
S4	2.5000	2.5282	.028	1.13	2.6058	.001	1
S5	5.0000	5.0334	.033	.667	5.1886	.007	1

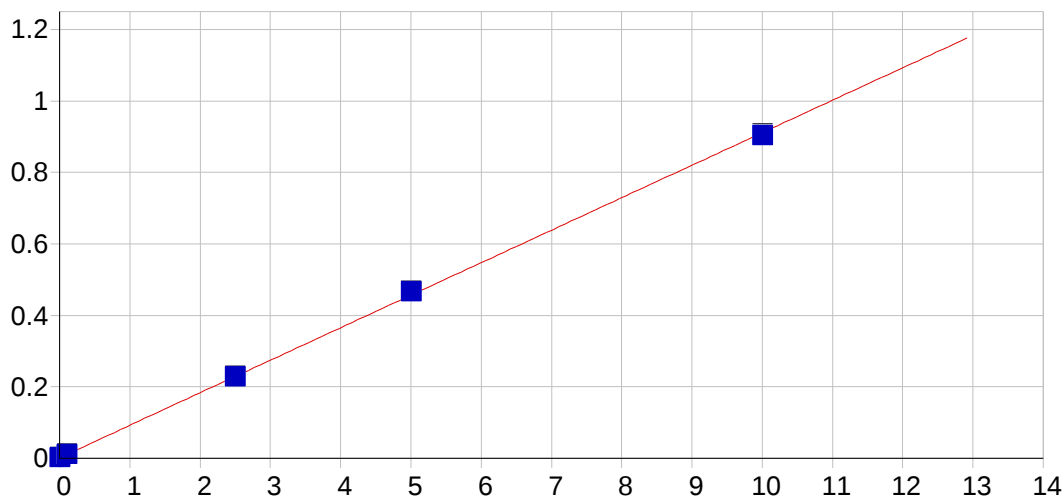


Cu 224.700 {450}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006075 Re-Slope: 1.000000
 A1 (Gain): 0.792350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.000373
 Predicted MQL: 0.001244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00607	.000	1
S1	.02000	.02095	.001	4.76	.02292	.000	1
S3	.62500	.62618	.001	.189	.51024	.001	1
S4	1.2500	1.2769	.027	2.16	1.0339	.001	1
S5	2.5000	2.4709	-.029	-1.16	1.9959	.003	1



Fe 240.488 {140}

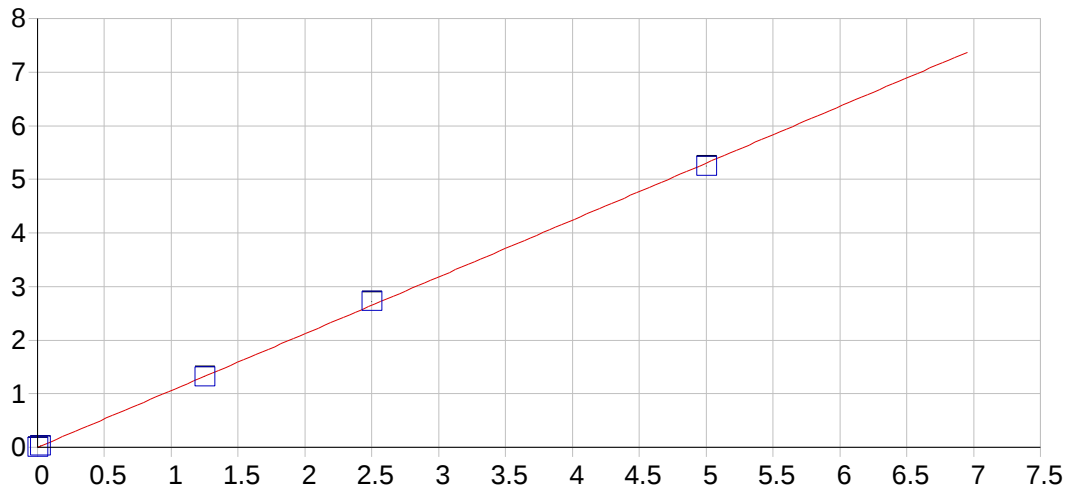
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001587 Re-Slope: 1.000000
 A1 (Gain): 0.090948 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000062
 Predicted MDL: 0.000685
 Predicted MQL: 0.002284

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.000	1
S1	.10000	.09768	-.002	-2.32	.01052	.000	1
S3	2.5000	2.4882	-.012	-.471	.22873	.000	1
S4	5.0000	5.0987	.099	1.97	.46701	.000	1
S5	10.000	9.9154	-.085	-.846	.90677	.001	1



Mn 257.610 {131}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

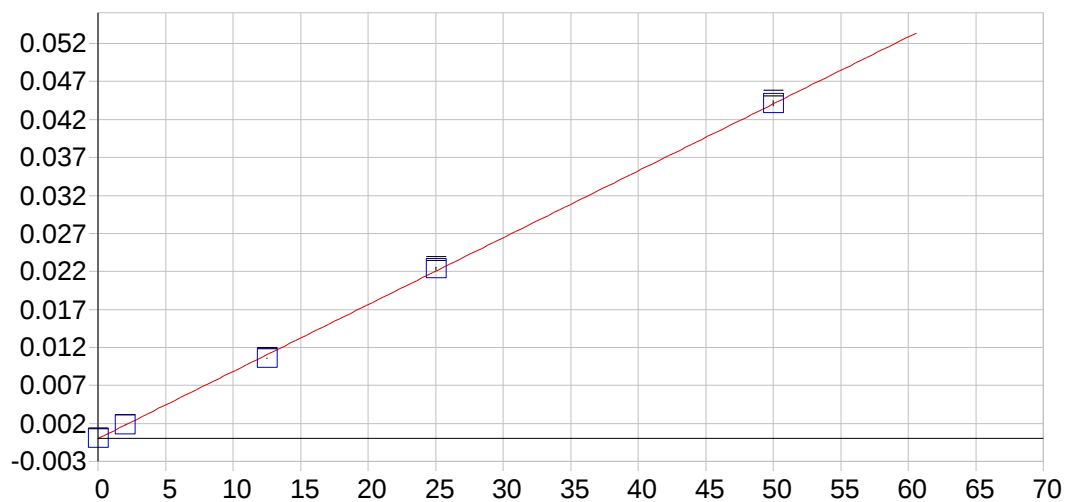
Weighting: 1/Conc

A0 (Offset): 0.000595
 A1 (Gain): 1.060059
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874
 Std Error of Est: 0.000287
 Predicted MDL: 0.000066
 Predicted MQL: 0.000221

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	.00059	.000	1
S1	.02000	.02062	.001	3.10	.02245	.000	1
S3	1.2500	1.2421	-.008	-.635	1.3172	.003	1
S4	2.5000	2.5620	.062	2.48	2.7165	.005	1
S5	5.0000	4.9453	-.055	-1.09	5.2429	.006	1

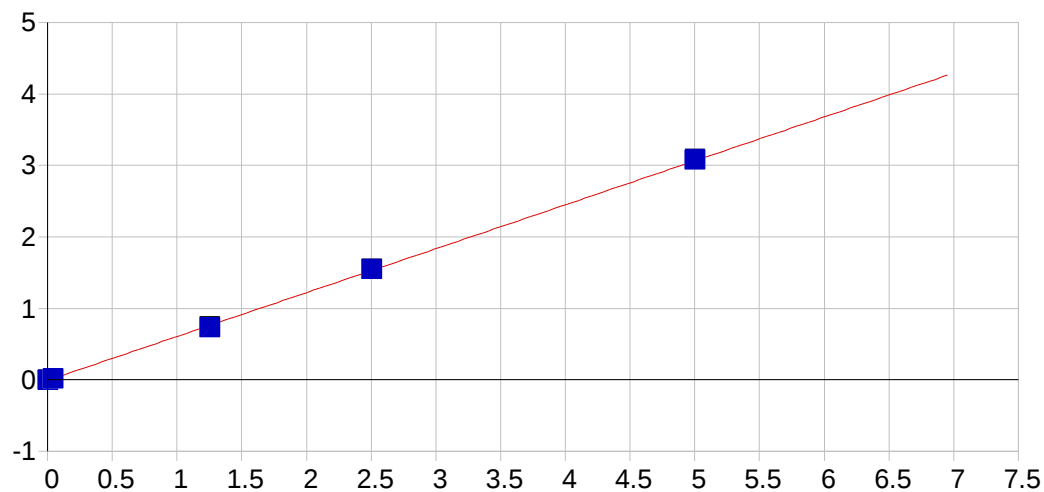


Mg 279.079 {121}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.000881 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.038794
 Predicted MQL: 0.129312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0477	.048	2.38	.00181	.000	1
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S3	12.500	12.005	-.495	-3.96	.01058	.000	1
S4	25.000	25.387	.387	1.55	.02237	.000	1
S5	50.000	50.060	.060	.120	.04411	.000	1



Ni 231.604 {445}

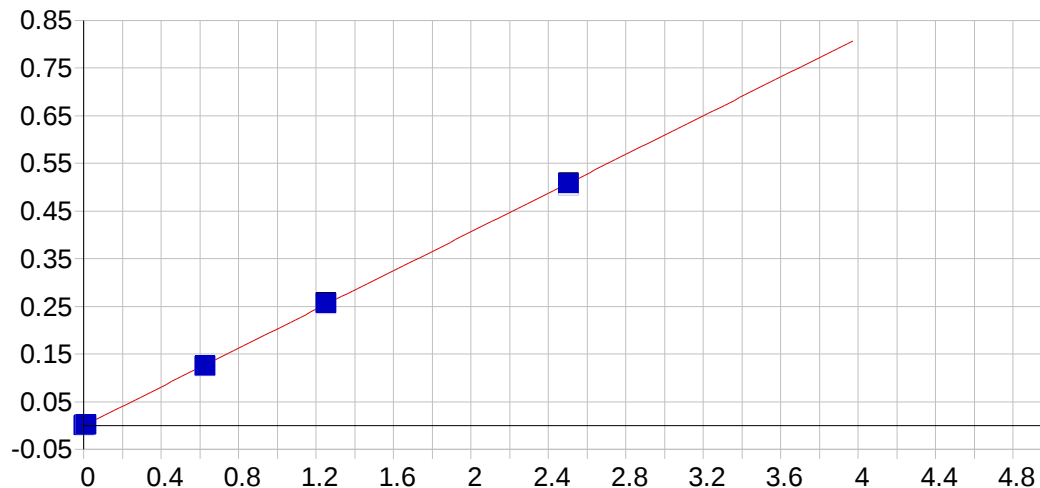
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007642 Re-Slope: 1.000000
 A1 (Gain): 0.614256 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880
 Std Error of Est: 0.000230
 Predicted MDL: 0.000390
 Predicted MQL: 0.001299

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00764	.000	1
S1	.04000	.03856	-.001	-3.60	.01606	.000	1
S3	1.2500	1.2040	-.046	-3.68	.73277	.003	1
S4	2.5000	2.5264	.026	1.06	1.5459	.001	1
S5	5.0000	5.0210	.021	.420	3.0799	.005	1



Ag 328.068 {103}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

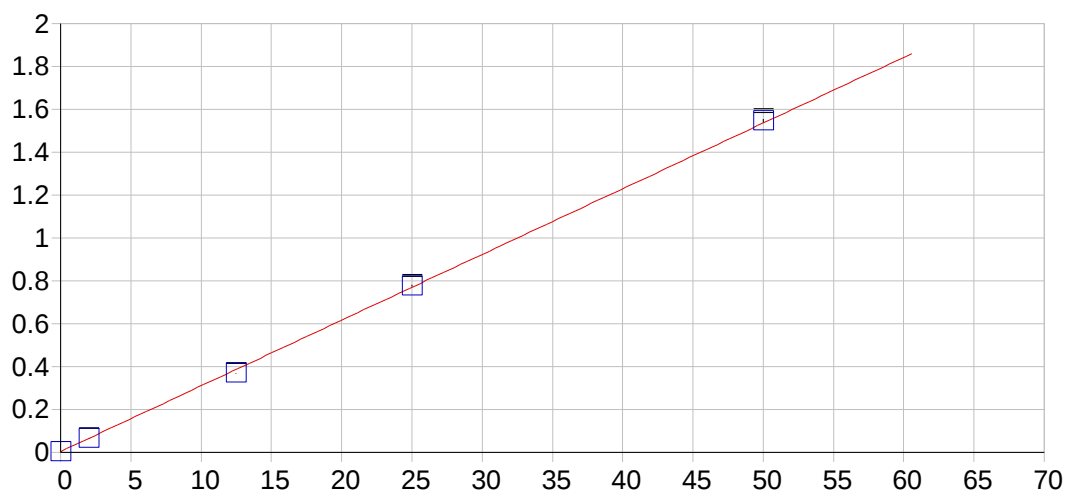
Weighting: 1/Conc

A0 (Offset): -0.000438
 A1 (Gain): 0.203331
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000014
 Predicted MDL: 0.000610
 Predicted MQL: 0.002033

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	-.00044	.000	1
S1	.01000	.00982	-.000	-1.78	.00152	.000	1
S3	.62500	.61538	-.010	-1.54	.12324	.000	1
S4	1.2500	1.2630	.013	1.04	.25348	.001	1
S5	2.5000	2.4968	-.003	-.129	.50145	.001	1

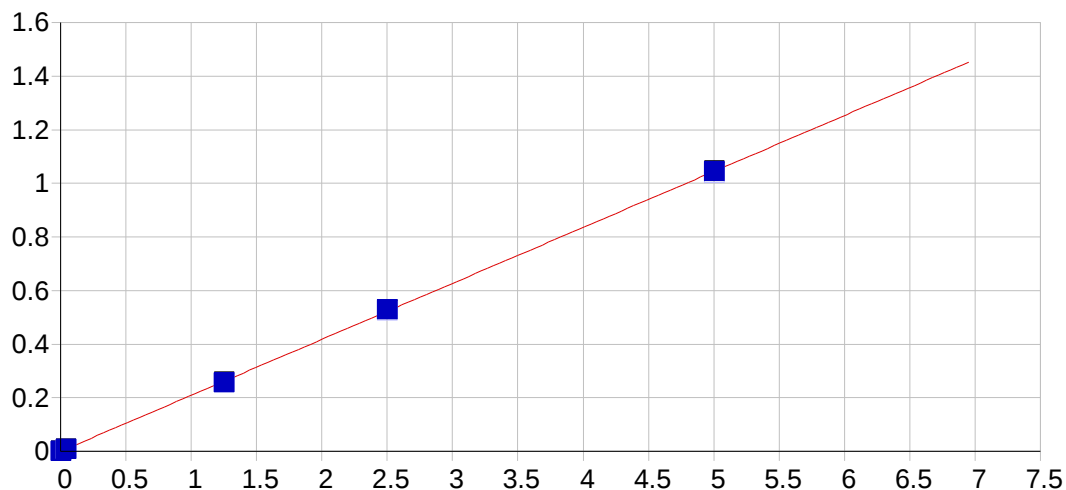


Na 589.592 { 57}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004067 Re-Slope: 1.000000
 A1 (Gain): 0.030639 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.008687
 Predicted MQL: 0.028955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0463	.046	2.31	.06676	.000	1
S0	.00000	.00002	.000	.000	.00407	.000	1
S3	12.500	11.926	-.574	-4.59	.36946	.001	1
S4	25.000	25.219	.219	.876	.77676	.004	1
S5	50.000	50.309	.309	.618	1.5455	.009	1



V 292.402 {115}

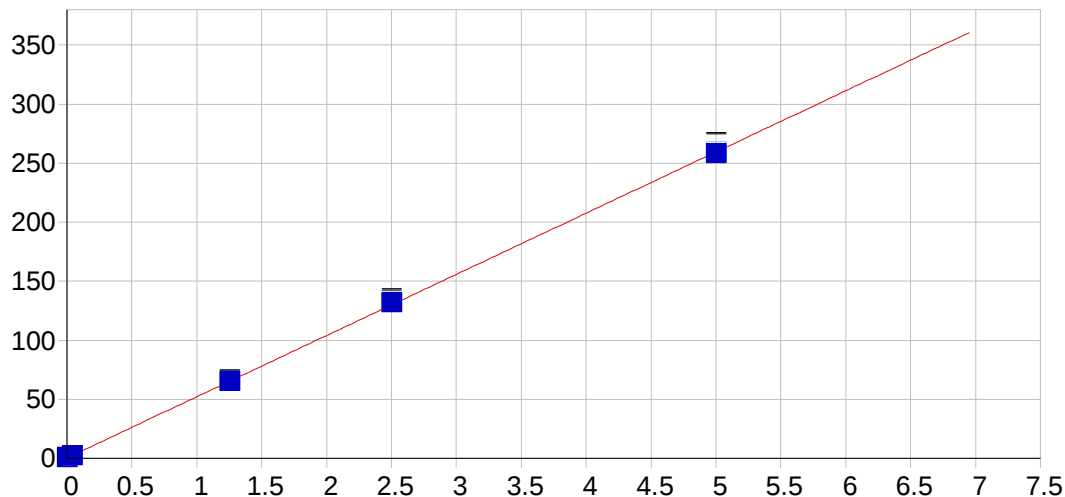
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.208842 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000045
 Predicted MDL: 0.000457
 Predicted MQL: 0.001523

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.04000	.03838	-.002	-4.04	.00793	.000	1
S3	1.2500	1.2281	-.022	-1.76	.25481	.001	1
S4	2.5000	2.5253	.025	1.01	.52402	.001	1
S5	5.0000	4.9982	-.002	-.035	1.0371	.002	1



Zn 206.200 {163}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

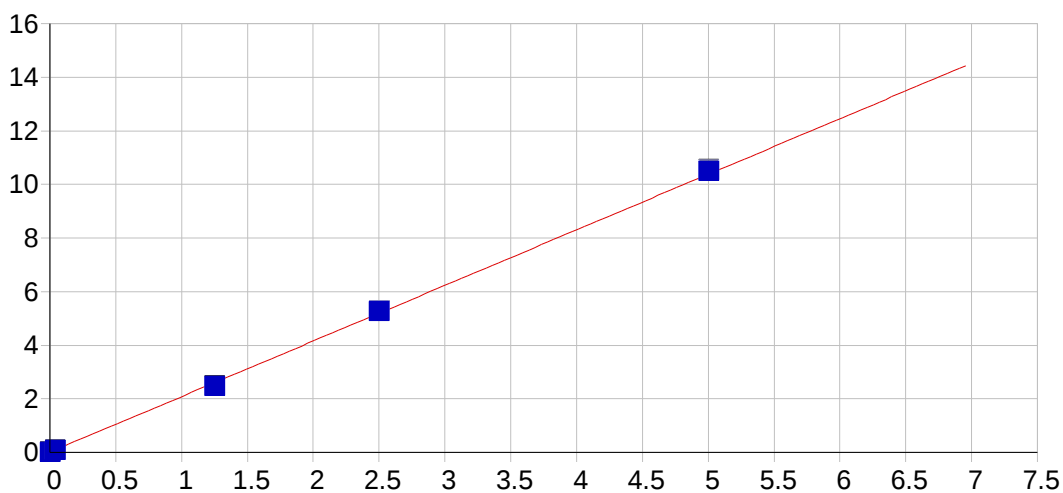
Weighting: 1/Conc

A0 (Offset): 0.330614
 A1 (Gain): 51.824567
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.010397
 Predicted MDL: 0.000365
 Predicted MQL: 0.001217

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	.33069	.018	1
S1	.04000	.03844	-.002	-3.90	2.3363	.050	1
S3	1.2500	1.2448	-.005	-.418	65.232	1.09	1
S4	2.5000	2.5316	.032	1.26	132.31	2.44	1
S5	5.0000	4.9752	-.025	-.496	259.74	7.77	1

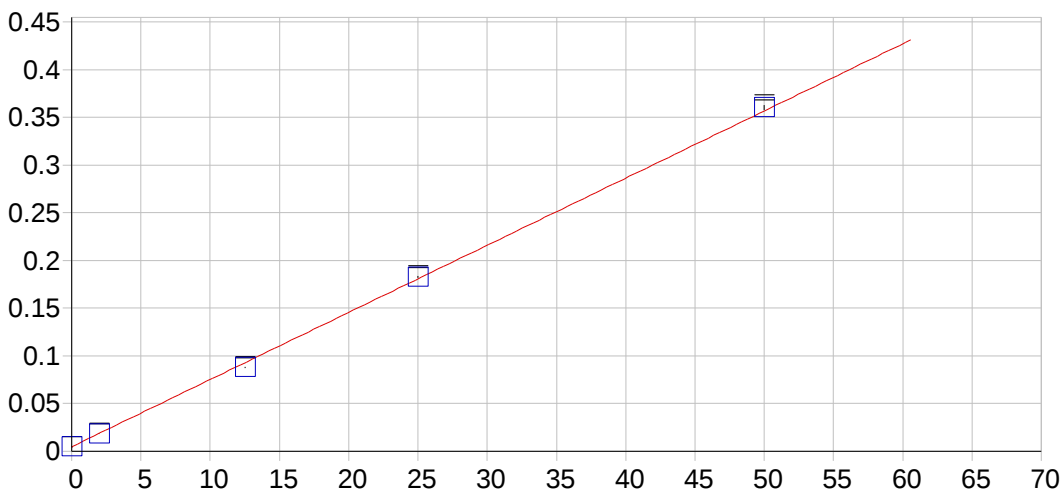


Zn 213.856 {458}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008240 Re-Slope: 1.000000
 A1 (Gain): 2.073702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.001250
 Predicted MDL: 0.000090
 Predicted MQL: 0.000301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00825	.001	1
S1	.04000	.03531	-.005	-11.7	.08203	.000	1
S3	1.2500	1.1782	-.072	-5.74	2.4681	.007	1
S4	2.5000	2.5287	.029	1.15	5.2852	.004	1
S5	5.0000	5.0477	.048	.954	10.542	.013	1



K 766.490 {44}

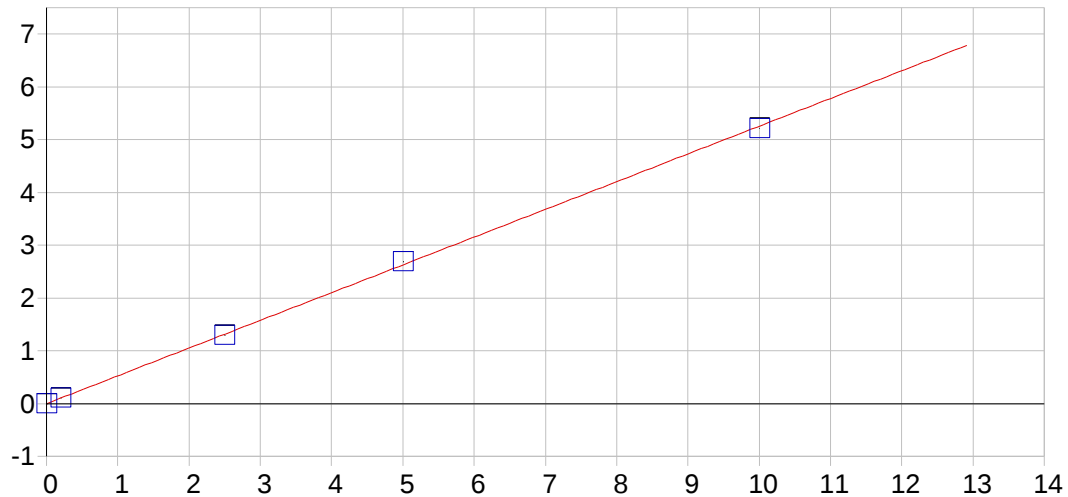
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004823 Re-Slope: 1.000000
 A1 (Gain): 0.007041 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731
 Std Error of Est: 0.000089
 Predicted MDL: 0.035433
 Predicted MQL: 0.118109

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9012	-.099	-4.94	.01821	.000	1
S0	.00000	.00016	.000	.000	.00482	.000	1
S3	12.500	11.834	-.666	-5.32	.08815	.001	1
S4	25.000	25.265	.265	1.06	.18271	.001	1
S5	50.000	50.500	.500	.999	.36038	.003	1



Mo 202.030 {467}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

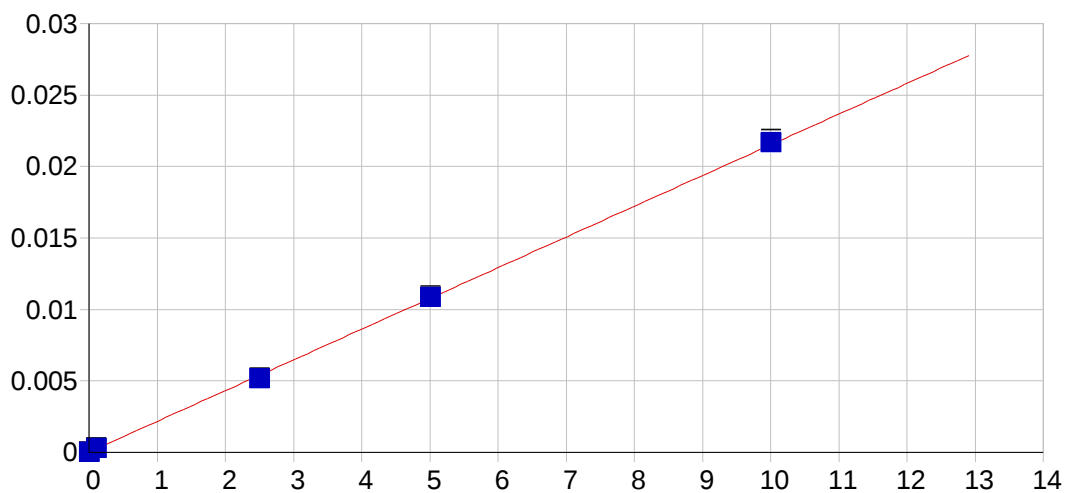
Weighting: 1/Conc

A0 (Offset): -0.000551
 A1 (Gain): 0.525459
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900
 Std Error of Est: 0.000571
 Predicted MDL: 0.000310
 Predicted MQL: 0.001034

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	-.00055	.000	1
S1	.20000	.19877	-.001	-.615	.10389	.000	1
S3	2.5000	2.4675	-.032	-1.30	1.2960	.002	1
S4	5.0000	5.1118	.112	2.24	2.6855	.002	1
S5	10.000	9.9219	-.078	-.781	5.2130	.007	1

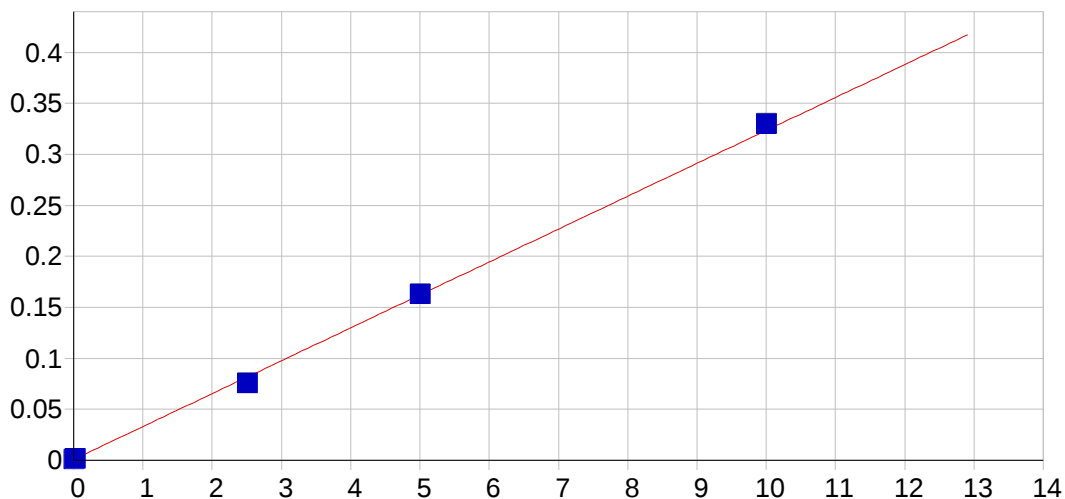


B 249.678 {135}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.002149 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011962
 Predicted MQL: 0.039872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.11388	.014	13.9	.00027	.000	1
S3	2.5000	2.3866	-.113	-4.54	.00514	.000	1
S4	5.0000	5.0331	.033	.662	.01081	.000	1
S5	10.000	10.066	.066	.664	.02161	.000	1



S 182.034 {485}

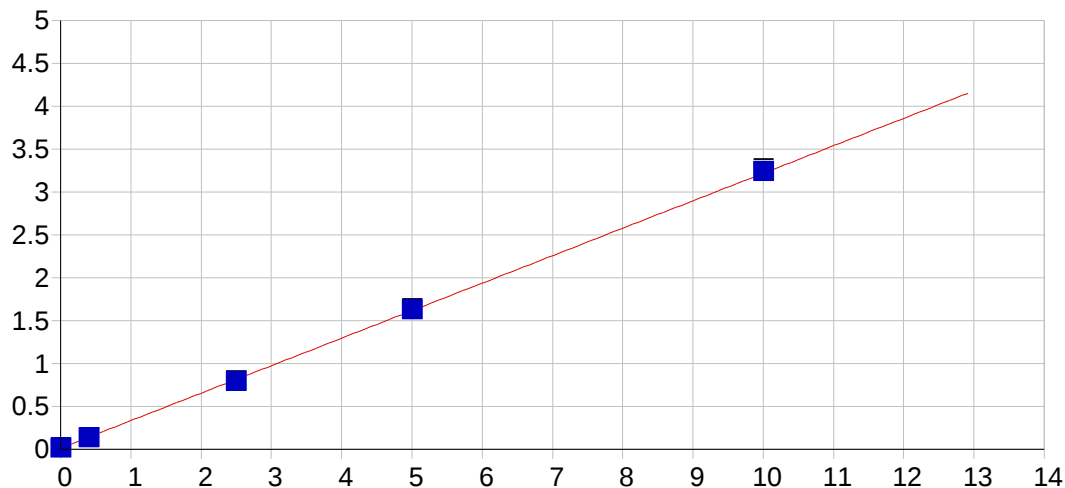
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000848 Re-Slope: 1.000000
 A1 (Gain): 0.032270 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999413
 Std Error of Est: 0.000027
 Predicted MDL: 0.003021
 Predicted MQL: 0.010070

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00085	.000	1
S1	.02000	.01674	-.003	-16.3	.00137	.000	1
S3	2.5000	2.2988	-.201	-8.05	.07494	.000	1
S4	5.0000	5.0093	.009	.185	.16231	.000	1
S5	10.000	10.195	.195	1.95	.32948	.000	1



Si 288.158 {117}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

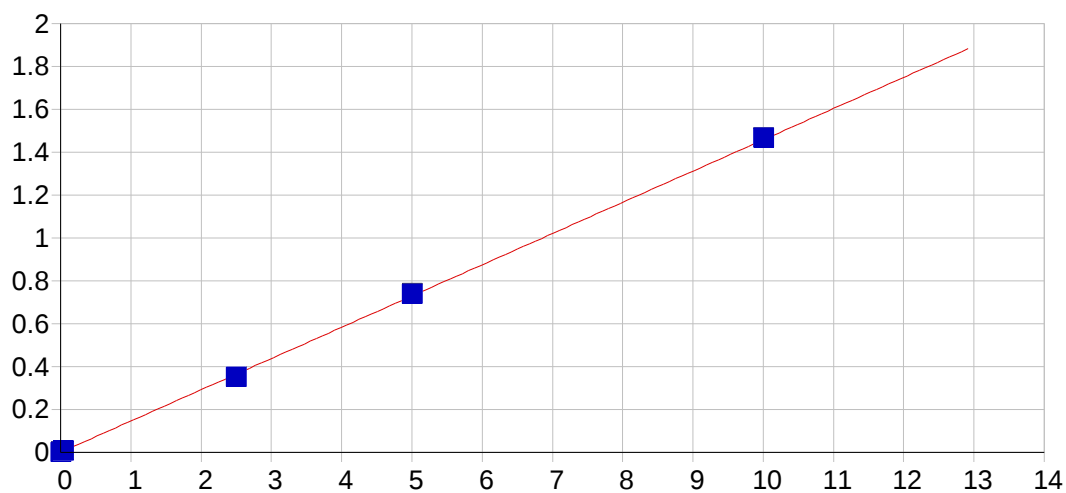
Weighting: 1/Conc

A0 (Offset): 0.013937
 A1 (Gain): 0.320469
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.000559
 Predicted MDL: 0.002535
 Predicted MQL: 0.008450

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	.01395	.000	1
S1	.40000	.37617	-.024	-5.96	.13438	.001	1
S3	2.5000	2.4218	-.078	-3.13	.78962	.008	1
S4	5.0000	5.0302	.030	.605	1.6251	.010	1
S5	10.000	10.072	.072	.718	3.2399	.024	1

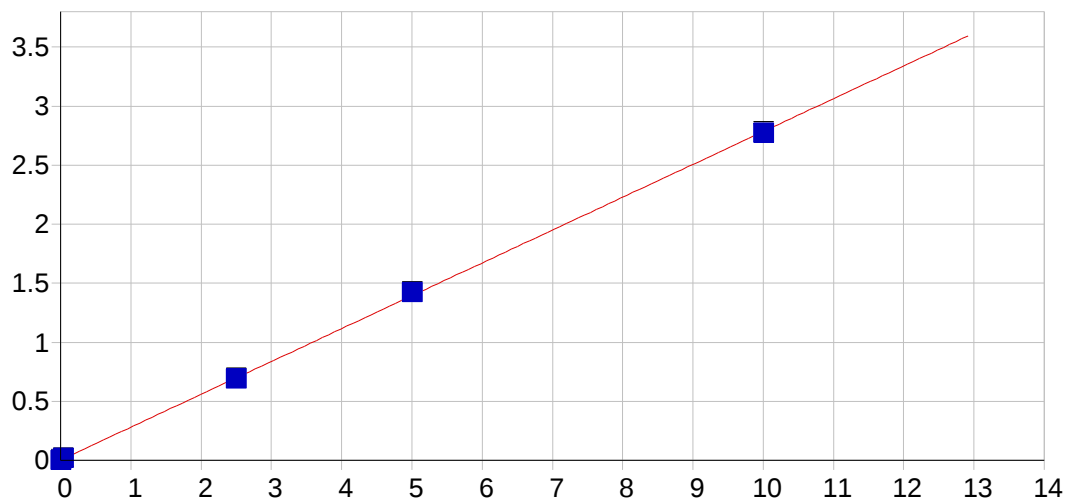


Sn 189.989 {477}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000620 Re-Slope: 1.000000
 A1 (Gain): 0.145733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000717
 Predicted MQL: 0.002389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00062	.000	1
S1	.04000	.03455	-.005	-13.6	.00565	.000	1
S3	2.5000	2.4025	-.098	-3.90	.35080	.002	1
S4	5.0000	5.0591	.059	1.18	.73802	.001	1
S5	10.000	10.044	.044	.439	1.4646	.001	1



Ti 336.121 {100}

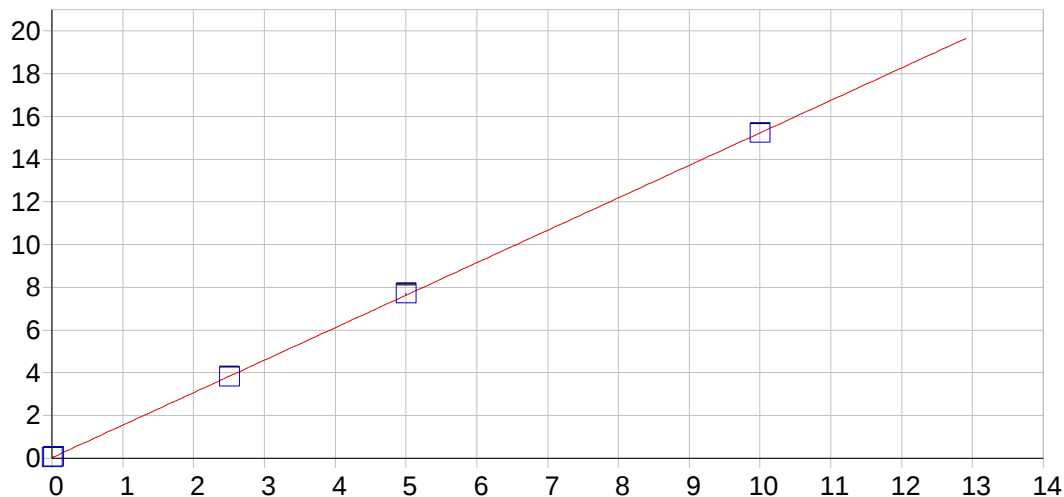
Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002633 Re-Slope: 1.000000
 A1 (Gain): 0.278191 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000109
 Predicted MDL: 0.001843
 Predicted MQL: 0.006143

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00263	.000	1
S1	.04000	.04039	.000	.975	.01386	.000	1
S3	2.5000	2.4691	-.031	-1.24	.68942	.003	1
S4	5.0000	5.0886	.089	1.77	1.4180	.009	1
S5	10.000	9.9420	-.058	-.580	2.7680	.014	1



Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

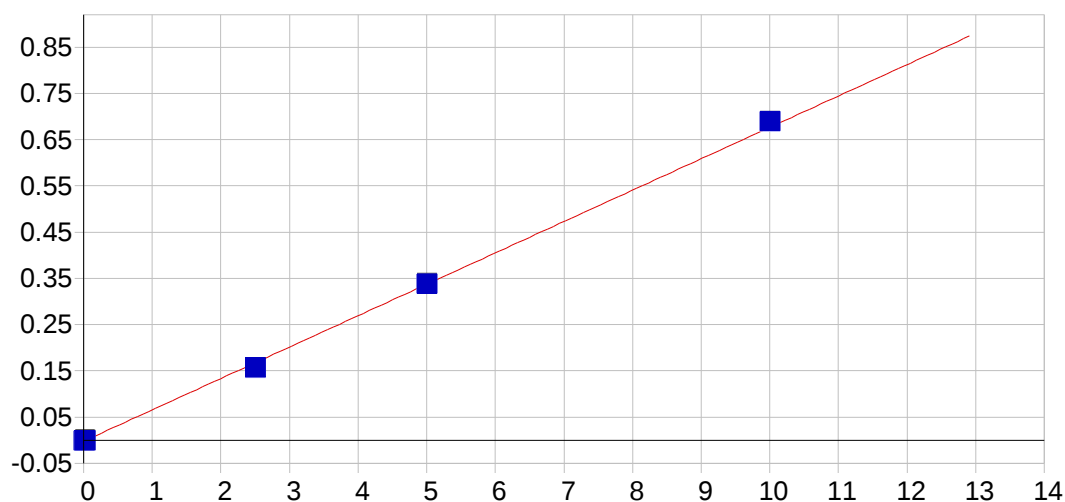
Weighting: 1/Conc

A0 (Offset): 0.030871
 A1 (Gain): 1.520355
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000217
 Predicted MDL: 0.001671
 Predicted MQL: 0.005571

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	.03087	.001	1
S1	.02000	.01782	-.002	-10.9	.05796	.002	1
S3	2.5000	2.4838	-.016	-.647	3.8072	.016	1
S4	5.0000	5.0349	.035	.698	7.6857	.046	1
S5	10.000	9.9835	-.017	-.165	15.209	.021	1

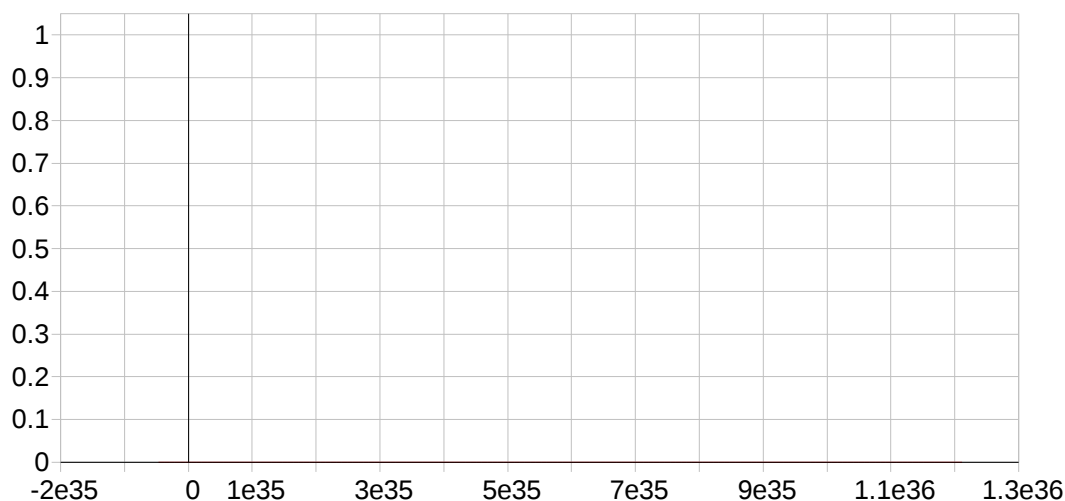


P 177.495 {490}

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002076 Re-Slope: 1.000000
 A1 (Gain): 0.067863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.001619
 Predicted MQL: 0.005396

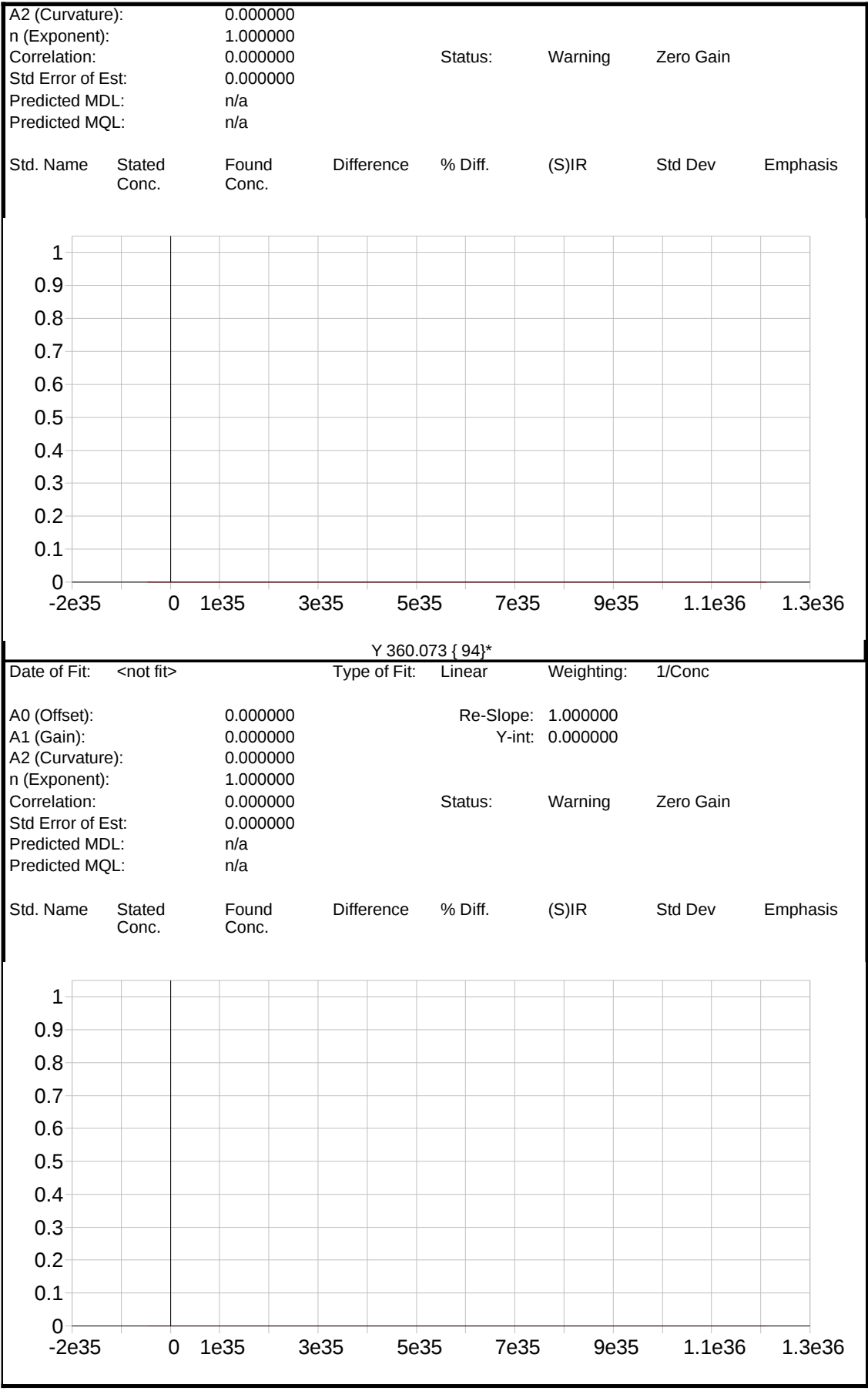
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00208	.000	1
S1	.02000	.01663	-.003	-16.9	-.00095	.000	1
S3	2.5000	2.3228	-.177	-7.09	.15531	.000	1
S4	5.0000	5.0080	.008	.160	.33729	.000	1
S5	10.000	10.173	.173	1.73	.68728	.001	1

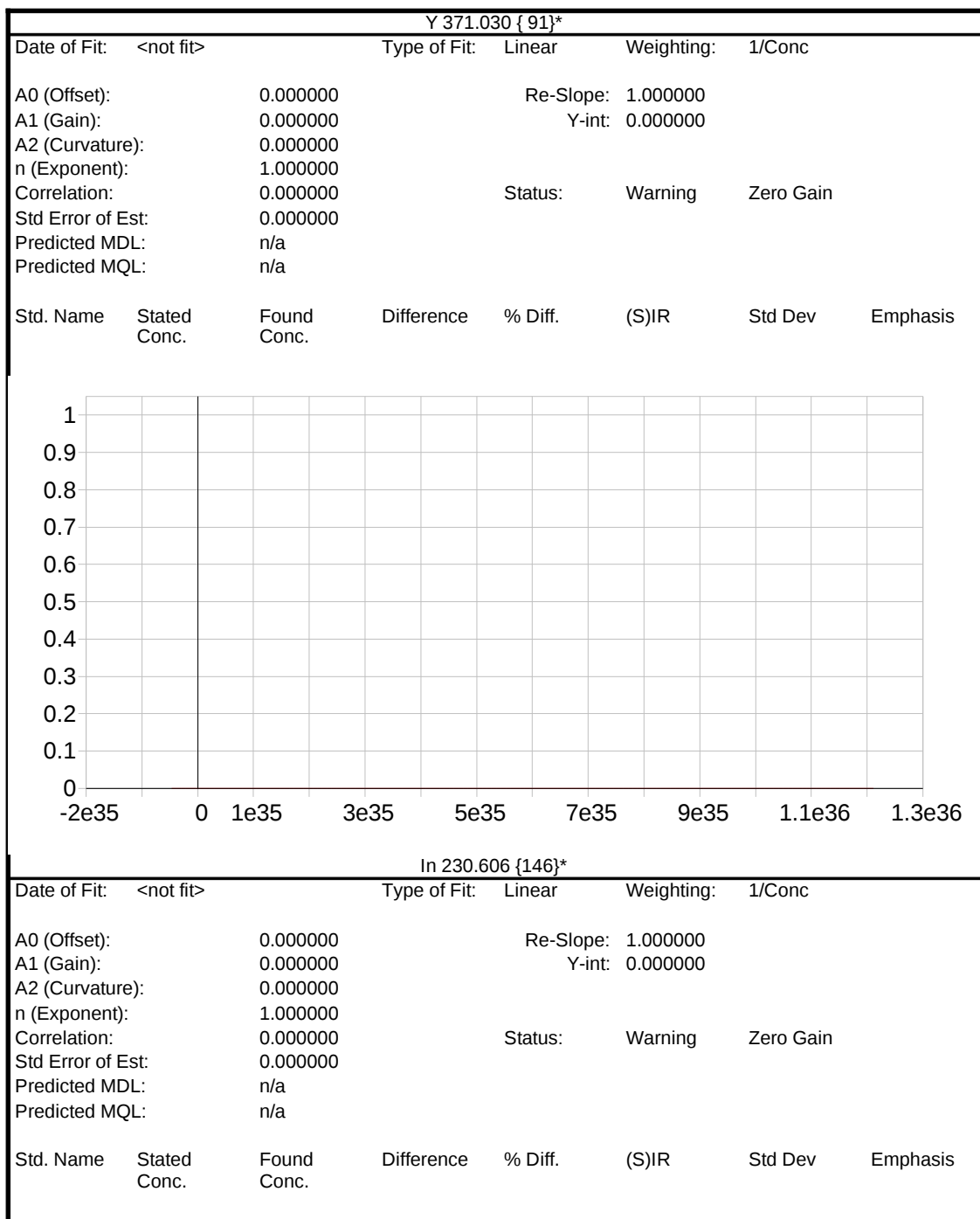


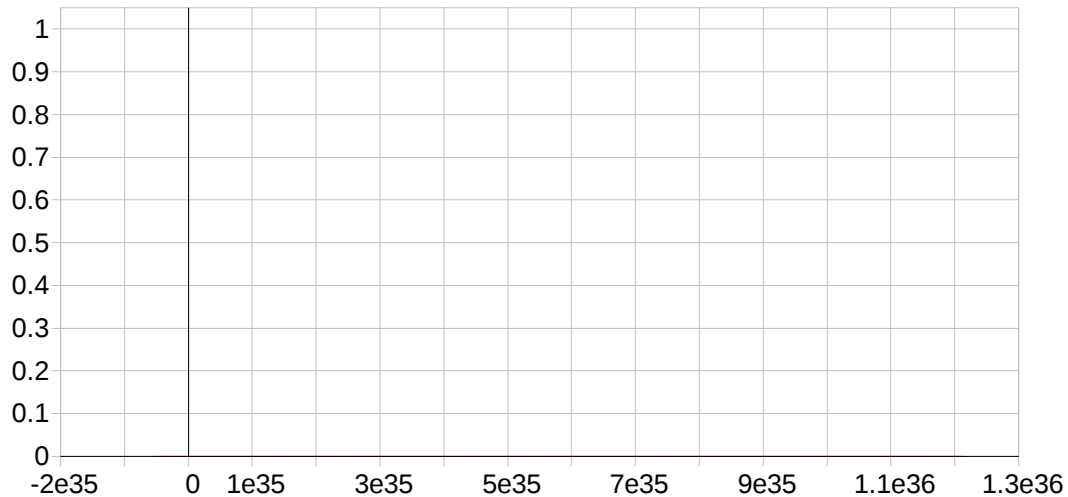
Y 224.306 {450}*

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







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

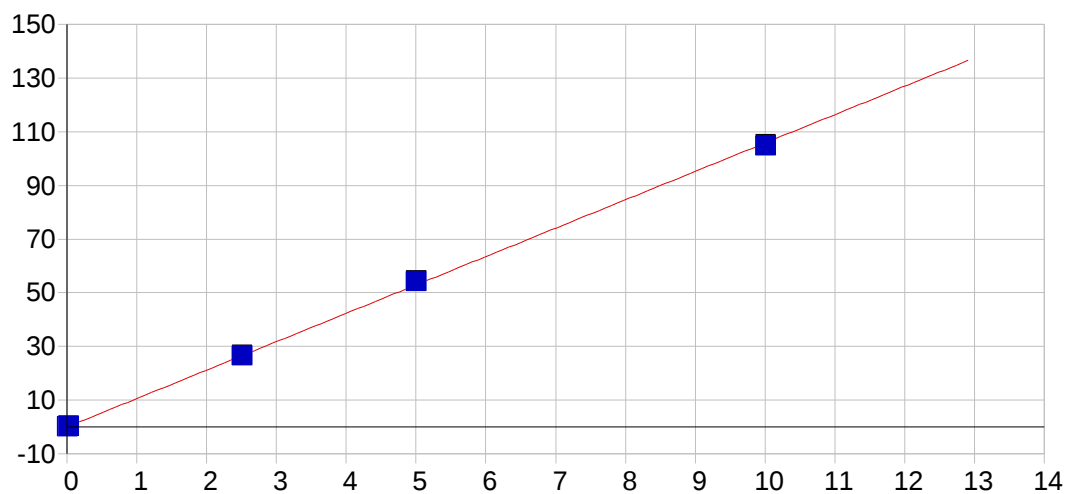
Status: Warning Zero Gain

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: 5/8/2019 17:52:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000017

Re-Slope: 1.000000

A1 (Gain): 10.579337

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999880

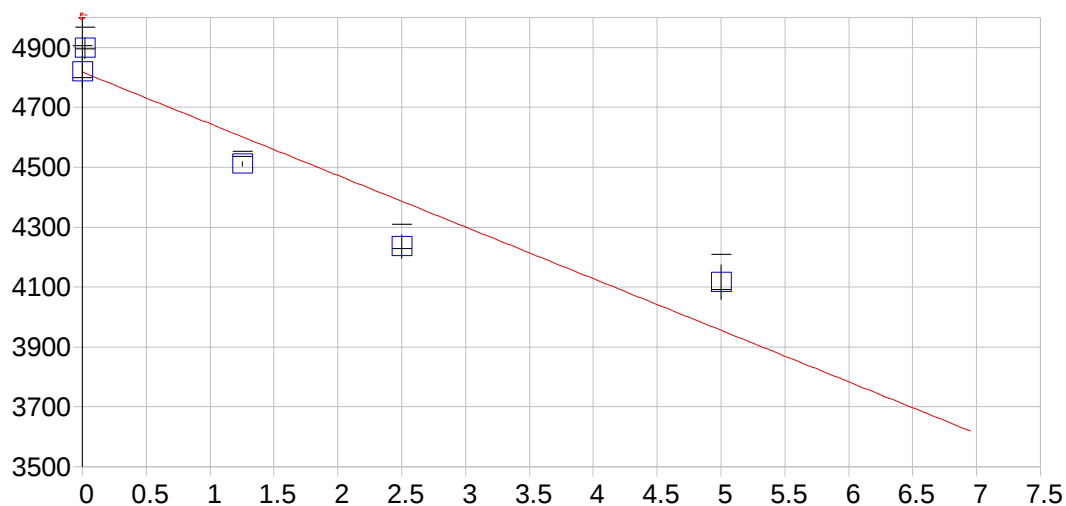
Status: OK.

Std Error of Est: 0.003966

Predicted MDL: 0.000097

Predicted MQL: 0.000322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02002	.000	.099	.21294	.002	1
S3	2.5000	2.4927	-.007	-.291	26.400	.217	1
S4	5.0000	5.1207	.121	2.41	54.232	.191	1
S5	10.000	9.8866	-.113	-1.13	104.71	.451	1

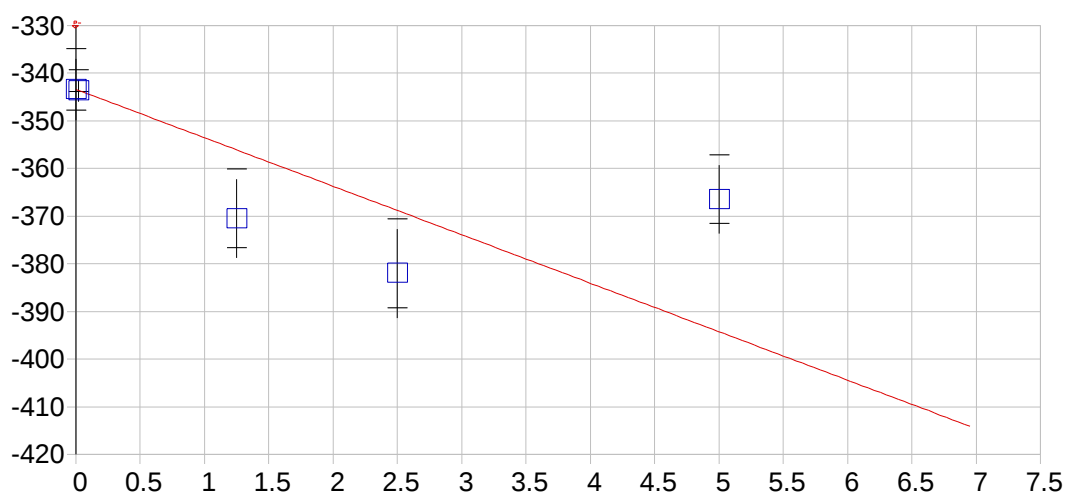


U 367.007 { 92 }

Date of Fit: 5/8/2019 17:52:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4817.479952 Re-Slope: 1.000000
A1 (Gain): -172.362883 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.643164 Status: Warning Negative Gain
Std Error of Est: 3.506755
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	4817.4	53.4	1
S1	.02000	-.46391	-.484	-2420.	4897.4	36.5	1
S3	1.2500	1.7840	.534	42.7	4510.0	8.54	1
S4	2.5000	3.3802	.880	35.2	4234.9	40.3	1
S5	5.0000	4.0697	-.930	-18.6	4116.0	59.3	1



U 385.958 { 87}

Date of Fit: 5/8/2019 17:52:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -343.372768

Re-Slope: 1.000000

A1 (Gain): -10.174448

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.836158

Status: Warning

Negative Gain

Std Error of Est: 0.114051

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-343.37	6.45	1
S1	.02000	.02876	.009	43.8	-343.67	2.26	1
S3	1.2500	2.6665	1.42	113.	-370.50	8.23	1
S4	2.5000	3.8014	1.30	52.1	-382.05	9.31	1
S5	5.0000	2.2733	-2.73	-54.5	-366.50	7.19	1

Sample Name: S0 Acquired: 5/8/2019 11:17:56 Type: Cal
Method: P4-ICP2(v3101) 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	.00029	.00024	.00339	.00002	.00028	.00123	-.00022	.00006
Stddev	.00010	.00020	.00011	.00008	.00004	.00007	.00024	.00003
%RSD	35.664	84.139	3.1898	498.29	14.389	5.3641	108.45	48.261

#1	.00032	.00005	.00349	-.00004	.00031	.00129	-.00046	.00008
#2	.00017	.00023	.00341	-.00001	.00030	.00116	.00002	.00006
#3	.00037	.00046	.00327	.00011	.00023	.00123	-.00021	.00003

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	-.00350	.00005	-.00019	-.00071	.00607	.00159	.00059	.00001
Stddev	.00016	.00043	.00006	.00009	.00022	.00009	.00005	.00003
%RSD	4.5549	900.57	29.959	12.101	3.5912	5.8604	9.2336	255.23

#1	-.00367	-.00038	-.00014	-.00062	.00587	.00164	.00066	-.00002
#2	-.00347	.00005	-.00018	-.00079	.00605	.00164	.00057	.00003
#3	-.00335	.00048	-.00025	-.00073	.00630	.00148	.00056	.00002

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	-.00764	-.00044	.00407	.00005	.00825	.00482	-.00055	.00002
Stddev	.00007	.00006	.00011	.00003	.00071	.00018	.00005	.00002
%RSD	.97931	12.641	2.6868	67.813	8.6026	3.7403	9.7523	81.050

#1	-.00772	-.00039	.00395	.00008	.00903	.00502	-.00059	.00002
#2	-.00761	-.00050	.00409	.00004	.00808	.00477	-.00058	.00004
#3	-.00758	-.00042	.00417	.00002	.00764	.00467	-.00049	.00000

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	.00085	.01395	.00062	.00263	.03087	-.0021	-.00002	4817.4
Stddev	.00002	.00045	.00002	.00046	.00127	.0000	.00014	53.4
%RSD	2.2471	3.2536	3.1261	17.365	4.1084	1.800	712.57	1.1092

#1	.00086	.01343	.00062	.00279	.02944	-.0021	-.00005	4757.4
#2	.00086	.01412	.00060	.00212	.03186	-.0020	-.00014	4859.7
#3	.00083	.01429	.00064	.00300	.03132	-.0021	.00013	4835.1

Sample Name: S0 Acquired: 5/8/2019 11:17:56 Type: Cal
Method: P4-ICP2(v3101) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-343.37
Stddev	6.45
%RSD	1.8785

#1	-336.13
#2	-345.50
#3	-348.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4164.6	52250.	5432.4	79.139	4762.8
Stddev	9.4	230.	20.1	2.360	11.1
%RSD	.22486	.44105	.37014	2.9820	.23311

#1	4157.9	52146.	5424.8	80.283	4750.2
#2	4160.4	52091.	5417.3	76.425	4766.7
#3	4175.3	52515.	5455.2	80.708	4771.4

Sample Name: S1 Acquired: 5/8/2019 11:22:23 Type: Cal
Method: P4-ICP2(v3101) 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	.00119	.00478	.00563	.00095	.00584	.00210	.04601	.00547
Stddev	.00010	.00010	.00011	.00012	.00013	.00002	.00030	.00005
%RSD	8.0303	2.1489	1.9204	12.202	2.2219	.90167	.65280	.91511

#1	.00115	.00467	.00571	.00088	.00569	.00212	.04567	.00541
#2	.00130	.00488	.00551	.00089	.00593	.00208	.04624	.00548
#3	.00112	.00478	.00568	.00109	.00589	.00210	.04612	.00550

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	.01447	.00167	.02758	.02292	.01052	.02245	.01606	.00152
Stddev	.00021	.00007	.00027	.00009	.00012	.00006	.00022	.00007
%RSD	1.4262	4.2517	.98263	.39314	1.1467	.28492	1.3972	4.6813

#1	.01446	.00160	.02771	.02302	.01062	.02253	.01631	.00153
#2	.01426	.00174	.02726	.02288	.01054	.02243	.01588	.00158
#3	.01467	.00167	.02775	.02286	.01038	.02240	.01599	.00144

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	.00793	.08203	.10389	.00027	.00137	.13438	.00565	.01386
Stddev	.00018	.00030	.00031	.00005	.00015	.00118	.00005	.00022
%RSD	2.2995	.36339	.29906	16.940	10.942	.87441	.86136	1.5755

#1	.00811	.08234	.10354	.00025	.00124	.13555	.00564	.01412
#2	.00774	.08175	.10401	.00023	.00153	.13320	.00571	.01374
#3	.00795	.08201	.10413	.00032	.00134	.13440	.00562	.01374

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05796	-.0010	.21294	4897.4	-343.67
Stddev	.00243	.0002	.00203	36.5	2.26
%RSD	4.1925	18.61	.95400	.74551	.65870

#1	.05886	-.0010	.21318	4931.8	-343.51
#2	.05521	-.0008	.21081	4859.1	-341.49
#3	.05982	-.0011	.21485	4901.4	-346.00

Sample Name: S1 Acquired: 5/8/2019 11:22:23 Type: Cal
Method: P4-ICP2(v3101) 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	4195.0	52297.	5445.8	80.561	4761.3
Stddev	7.8	12.	20.7	2.064	9.2
%RSD	.18538	.02287	.38031	2.5624	.19352
#1	4186.3	52309.	5426.9	81.458	4751.8
#2	4197.8	52297.	5442.5	78.200	4762.0
#3	4201.1	52285.	5467.9	82.025	4770.2

Sample Name: S2 Acquired: 5/8/2019 11:26:49 Type: Cal
Method: P4-ICP2(v3101) 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	.09413	.00181	.06676	.01821
Stddev	.00082	.00003	.00037	.00032
%RSD	.87204	1.4703	.55920	1.7809

#1	.09352	.00179	.06667	.01784
#2	.09380	.00184	.06718	.01833
#3	.09506	.00181	.06645	.01846

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	52231.	5434.7
Stddev	138.	16.5
%RSD	.26443	.30374

#1	52332.	5423.0
#2	52074.	5453.5
#3	52288.	5427.5

Sample Name: S3 Acquired: 5/8/2019 11:31:03 Type: Cal
Method: P4-ICP2(v3101) 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	.11549	.28050	.60908	.13366	.28532	.04322	2.3021	.11034
Stddev	.00006	.00109	.00130	.00052	.00084	.00037	.0091	.00021
%RSD	.05229	.38851	.21366	.39235	.29428	.86692	.39606	.18719
#1	.11556	.27931	.60759	.13307	.28573	.04335	2.2947	.11018
#2	.11544	.28072	.60996	.13386	.28436	.04352	2.3123	.11027
#3	.11546	.28146	.60970	.13407	.28588	.04280	2.2993	.11057
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	3.8147	.52694	.09716	1.2270	.51024	.22873	1.3172	.01058
Stddev	.0069	.00251	.00009	.0037	.00053	.00010	.0025	.00007
%RSD	.17963	.47612	.09704	.30351	.10401	.04240	.19169	.68600
#1	3.8077	.52451	.09706	1.2233	.51003	.22884	1.3162	.01067
#2	3.8149	.52678	.09725	1.2270	.50984	.22872	1.3154	.01054
#3	3.8214	.52952	.09716	1.2307	.51084	.22865	1.3201	.01054
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	.73277	.12324	.36946	.25481	2.4681	.08815	1.2960	.00514
Stddev	.00326	.00034	.00128	.00087	.0066	.00058	.0015	.00003
%RSD	.44499	.27839	.34686	.33969	.26725	.65833	.11799	.56764
#1	.72938	.12298	.36811	.25561	2.4622	.08827	1.2947	.00517
#2	.73307	.12312	.37066	.25389	2.4669	.08865	1.2957	.00514
#3	.73588	.12363	.36962	.25493	2.4752	.08751	1.2977	.00511
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	.07494	.78962	.35080	.68942	3.8072	.1553	26.400	4510.0
Stddev	.00025	.00809	.00155	.00305	.0161	.0002	.217	8.5
%RSD	.33775	1.0251	.44177	.44270	.42321	.1127	.82185	.18926
#1	.07482	.78746	.34939	.68592	3.7909	.1554	26.154	4517.9
#2	.07477	.78282	.35056	.69081	3.8231	.1551	26.486	4511.1
#3	.07523	.79857	.35246	.69153	3.8074	.1555	26.561	4500.9

Sample Name: S3 Acquired: 5/8/2019 11:31:03 Type: Cal
Method: P4-ICP2(v3101) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-370.50
Stddev	8.23
%RSD	2.2202

#1	-362.60
#2	-369.89
#3	-379.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4116.2	51462.	5472.4	79.200	4464.5
Stddev	9.1	25.	40.6	1.223	4.1
%RSD	.22077	.04865	.74165	1.5446	.09107

#1	4109.4	51444.	5507.3	79.984	4463.6
#2	4112.6	51491.	5482.1	79.826	4461.0
#3	4126.5	51452.	5427.9	77.791	4469.0

Sample Name: S4 Acquired: 5/8/2019 11:35:04 Type: Cal
Method: P4-ICP2(v3101) 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	.24316	.58955	1.2816	.28109	.59697	.08991	4.9115	.23016
Stddev	.00054	.00093	.0011	.00046	.00075	.00025	.0225	.00016
%RSD	.22023	.15818	.08493	.16530	.12587	.28013	.45713	.06890

#1	.24378	.58968	1.2819	.28157	.59725	.08968	4.8937	.23033
#2	.24291	.58856	1.2826	.28104	.59754	.08987	4.9367	.23002
#3	.24280	.59042	1.2805	.28065	.59611	.09018	4.9041	.23014

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	8.1310	1.0827	.19898	2.6058	1.0339	.46701	2.7165	.02237
Stddev	.0052	.0063	.00030	.0007	.0013	.00008	.0049	.00026
%RSD	.06371	.58549	.14967	.02840	.12469	.01755	.18165	1.1656

#1	8.1324	1.0755	.19865	2.6064	1.0353	.46692	2.7146	.02208
#2	8.1252	1.0876	.19908	2.6050	1.0336	.46702	2.7127	.02258
#3	8.1353	1.0850	.19922	2.6060	1.0327	.46708	2.7220	.02245

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	1.5459	.25348	.77676	.52402	5.2852	.18271	2.6855	.01081
Stddev	.0010	.00068	.00446	.00128	.0041	.00096	.0017	.00010
%RSD	.06690	.26894	.57428	.24502	.07790	.52652	.06430	.88201

#1	1.5471	.25352	.77308	.52268	5.2899	.18179	2.6856	.01076
#2	1.5456	.25277	.78172	.52416	5.2826	.18371	2.6872	.01093
#3	1.5451	.25414	.77548	.52524	5.2830	.18262	2.6837	.01076

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	.16231	1.6251	.73802	1.4180	7.6857	.3373	54.232	4234.9
Stddev	.00023	.0105	.00107	.0086	.0463	.0005	.191	40.3
%RSD	.14137	.64604	.14458	.60493	.60220	.1424	.35204	.95192

#1	.16237	1.6351	.73908	1.4095	7.7338	.3378	54.362	4274.6
#2	.16251	1.6141	.73694	1.4180	7.6819	.3372	54.320	4194.0
#3	.16206	1.6261	.73805	1.4266	7.6414	.3368	54.012	4236.0

Sample Name: S4 Acquired: 5/8/2019 11:35:04 Type: Cal
Method: P4-ICP2(v3101) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-382.05
Stddev	9.31
%RSD	2.4372

#1	-378.64
#2	-392.59
#3	-374.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3975.7	50144.	5486.7	78.864	4193.0
Stddev	7.3	96.	23.7	1.604	6.7
%RSD	.18268	.19100	.43134	2.0334	.16041

#1	3973.2	50044.	5459.5	77.800	4187.5
#2	3970.0	50154.	5502.1	78.083	4191.0
#3	3983.8	50234.	5498.6	80.708	4200.5

Sample Name: S5 Acquired: 5/8/2019 11:39:03 Type: Cal
Method: P4-ICP2(v3101) 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	.47789	1.1515	2.5371	.54822	1.1709	.17769	9.7348	.44973
Stddev	.00085	.0008	.0052	.00082	.0026	.00151	.0115	.00087
%RSD	.17691	.07021	.20397	.14872	.22365	.84859	.11854	.19317
#1	.47752	1.1512	2.5399	.54772	1.1731	.17632	9.7218	.44914
#2	.47885	1.1510	2.5312	.54916	1.1715	.17746	9.7439	.44932
#3	.47728	1.1525	2.5404	.54778	1.1680	.17931	9.7388	.45073
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	16.204	2.1063	.38847	5.1886	1.9959	.90677	5.2429	.04411
Stddev	.022	.0121	.00032	.0070	.0029	.00138	.0056	.00037
%RSD	.13335	.57389	.08273	.13418	.14362	.15228	.10763	.84984
#1	16.205	2.1187	.38832	5.1940	1.9991	.90614	5.2370	.04384
#2	16.182	2.1056	.38883	5.1807	1.9951	.90835	5.2483	.04395
#3	16.225	2.0945	.38825	5.1911	1.9936	.90581	5.2435	.04453
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	3.0799	.50145	1.5455	1.0371	10.542	.36038	5.2130	.02161
Stddev	.0049	.00096	.0086	.0023	.013	.00266	.0066	.00023
%RSD	.15909	.19212	.55691	.22239	.12696	.73683	.12680	1.0684
#1	3.0792	.50035	1.5408	1.0383	10.556	.35861	5.2202	.02142
#2	3.0754	.50215	1.5403	1.0384	10.529	.35910	5.2115	.02154
#3	3.0851	.50184	1.5554	1.0344	10.541	.36343	5.2072	.02187
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	.32948	3.2399	1.4646	2.7680	15.209	.6873	104.71	4116.0
Stddev	.00049	.0239	.0006	.0145	.021	.0007	.45	59.3
%RSD	.14963	.73781	.04315	.52333	.14084	.0987	.43049	1.4415
#1	.33001	3.2626	1.4648	2.7842	15.234	.6878	104.97	4113.3
#2	.32903	3.2422	1.4651	2.7563	15.200	.6865	104.97	4058.1
#3	.32940	3.2150	1.4639	2.7636	15.194	.6875	104.19	4176.7

Sample Name: S5 Acquired: 5/8/2019 11:39:03 Type: Cal
 Method: P4-ICP2(v3101) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-366.50
Stddev	7.19
%RSD	1.9608

#1	-369.25
#2	-371.91
#3	-358.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3903.9	49174.	5439.1	75.788	3985.4
Stddev	7.5	49.	49.5	2.166	7.3
%RSD	.19121	.09916	.91041	2.8579	.18372

#1	3895.4	49223.	5397.2	78.267	3978.8
#2	3907.2	49126.	5426.3	74.267	3993.3
#3	3909.2	49172.	5493.7	74.829	3984.2

Sample Name: ICV01 Acquired: 5/8/2019 11:54:06 Type: Unk
Method: P4-ICP2(v3101) 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	.98044	1.0171	.97057	.98073	.96162	2.3636	.47176
Stddev	.00646	.0064	.00481	.00334	.00400	.0075	.00338
%RSD	.65868	.62694	.49523	.34040	.41579	.31832	.71705

#1	.97518	1.0115	.96603	.97798	.96079	2.3687	.47050
#2	.97849	1.0159	.97007	.97977	.95810	2.3550	.46918
#3	.98765	1.0240	.97561	.98444	.96597	2.3672	.47559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46685	.47224	9.8487	.48313	.48013	.51166	4.9195
Stddev	.00118	.00213	.0300	.00152	.00230	.00218	.0084
%RSD	.25251	.45011	.30460	.31524	.47965	.42679	.17102

#1	.46573	.47022	9.8306	.48207	.47812	.50972	4.9154
#2	.46672	.47205	9.8322	.48487	.47962	.51125	4.9139
#3	.46808	.47446	9.8833	.48243	.48264	.51403	4.9292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48943	5.6648	.48491	.48705	9.4032	.47421	.93800
Stddev	.00079	.0222	.00275	.00058	.0436	.00143	.00507
%RSD	.16104	.39282	.56755	.11931	.46363	.30080	.54020

#1	.48886	5.6765	.48230	.48641	9.3983	.47424	.93254
#2	.48910	5.6391	.48465	.48754	9.3622	.47276	.93890
#3	.49033	5.6788	.48779	.48721	9.4490	.47562	.94256

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3334	2.4575	2.3583	F .00456	2.2635	2.3412	2.4304
Stddev	.0658	.0082	.0287	.00292	.0035	.0110	.0117
%RSD	.70539	.33364	1.2179	63.943	.15363	.47147	.48173

#1	9.2631	2.4504	2.3423	.00723	2.2670	2.3314	2.4178
#2	9.3435	2.4556	2.3412	.00145	2.2601	2.3390	2.4322
#3	9.3936	2.4665	2.3915	.00500	2.2633	2.3531	2.4410

Sample Name: ICV01 Acquired: 5/8/2019 11:54:06 Type: Unk
Method: P4-ICP2(v3101) 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	F -.00356	F .0001	F .00568	F 3.0157	F 3.0581
Stddev	.00284	.0014	.00009	.1135	.7448
%RSD	79.585	1013.	1.5831	3.7638	24.354
#1	-.00629	.0013	.00571	2.9045	3.7010
#2	-.00377	-.0013	.00558	3.0111	2.2420
#3	-.00063	.0004	.00575	3.1314	3.2313
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.4	51465.	5468.4	79.917	4488.0
Stddev	11.4	182.	22.1	.175	7.8
%RSD	.28191	.35309	.40409	.21916	.17321
#1	4041.5	51259.	5443.1	79.821	4479.0
#2	4058.2	51532.	5478.3	79.811	4492.0
#3	4063.4	51604.	5483.7	80.119	4492.9

Sample Name: LLICV01 Acquired: 5/8/2019 12:03:24 Type: Unk
Method: P4-ICP2(v3101) 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	.01830	.04041	.01015	.01766	.04979	.09779	.09962	.00616
Stddev	.00083	.00107	.00105	.00185	.00061	.00230	.00056	.00002
%RSD	4.5202	2.6494	10.386	10.459	1.2327	2.3490	.56406	.30397
#1	.01737	.04081	.00893	.01978	.04909	.09659	.09931	.00615
#2	.01854	.03919	.01070	.01643	.05002	.09633	.09928	.00618
#3	.01897	.04122	.01081	.01676	.05026	.10044	.10027	.00615
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	2.0205	.00986	.02821	.02073	.09739	.02116	1.9542
Stddev	.00004	.0133	.00021	.00012	.00003	.00186	.00005	.0851
%RSD	.64631	.65648	2.1442	.42319	.15675	1.9150	.24734	4.3542
#1	.00571	2.0054	.00966	.02823	.02072	.09770	.02119	1.9557
#2	.00571	2.0302	.00984	.02832	.02071	.09908	.02120	1.8684
#3	.00578	2.0260	.01009	.02808	.02077	.09539	.02110	2.0386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03867	.00989	1.9209	.03908	.03532	1.8029	.20476	.09970
Stddev	.00031	.00026	.0119	.00027	.00007	.0146	.00012	.01758
%RSD	.80975	2.6399	.61786	.70102	.20602	.81143	.06051	17.631
#1	.03851	.00971	1.9121	.03932	.03540	1.7900	.20484	.08736
#2	.03903	.01019	1.9161	.03913	.03525	1.7999	.20462	.09190
#3	.03847	.00978	1.9344	.03878	.03532	1.8188	.20483	.11982
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01246	.37190	.03746	.04034	F .01573	F .0159	.02029	F 1.3646
Stddev	.00163	.00451	.00105	.00161	.00130	.0009	.00014	.2647
%RSD	13.067	1.2116	2.8155	3.9989	8.2573	5.637	.68137	19.394
#1	.01061	.37312	.03777	.03850	.01723	.0157	.02014	1.6639
#2	.01311	.37568	.03833	.04152	.01493	.0152	.02042	1.1617
#3	.01366	.36691	.03629	.04100	.01503	.0169	.02032	1.2682

Sample Name: LLICV01 Acquired: 5/8/2019 12:03:24 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.0457
 Stddev .4804
 %RSD 45.942

#1 1.4558
 #2 1.1643
 #3 .51714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4150.2	52255.	5537.2	79.925	4724.5
Stddev	5.3	57.	20.8	1.702	2.4
%RSD	.12873	.10954	.37506	2.1289	.05008

#1	4155.4	52240.	5513.3	79.408	4727.2
#2	4144.7	52318.	5551.1	81.825	4723.1
#3	4150.5	52207.	5547.1	78.542	4723.2

Sample Name: ICB01 Acquired: 5/8/2019 12:07:48 Type: Unk
Method: P4-ICP2(v3101) 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	-.00214	-.00050	-.00220	-.00326	-.00164	-.00826	-.00029	-.00001
Stddev	.00200	.00169	.00027	.00092	.00187	.00886	.00018	.00004
%RSD	93.150	337.09	12.358	28.281	114.03	107.30	64.155	308.32
#1	-.00377	.00092	-.00211	-.00242	.00024	-.01402	-.00022	-.00006
#2	.00009	-.00236	-.00251	-.00311	-.00165	.00195	-.00015	-.00000
#3	-.00275	-.00006	-.00199	-.00425	-.00349	-.01271	-.00049	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00933	.00013	.00004	-.00065	-.00535	-.00030	-.01942
Stddev	.00006	.00547	.00018	.00008	.00021	.00081	.00007	.02428
%RSD	93.630	58.616	133.51	219.65	32.359	15.116	24.371	125.05
#1	.00000	-.00330	.00016	-.00002	-.00065	-.00540	-.00028	-.04716
#2	-.00009	-.01070	.00029	.00013	-.00044	-.00451	-.00024	-.00204
#3	-.00009	-.01398	-.00006	.00000	-.00087	-.00612	-.00038	-.00905
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00002	-.08451	-.00049	-.00228	-.21359	.00009	-.00223
Stddev	.00027	.00034	.00605	.00054	.00010	.01434	.00032	.00845
%RSD	88.255	2036.6	7.1620	111.85	4.3821	6.7153	357.97	379.66
#1	-.00061	.00026	-.07839	-.00100	-.00239	-.22790	-.00028	.00270
#2	-.00017	.00009	-.09050	.00008	-.00219	-.21366	.00031	-.01198
#3	-.00013	-.00040	-.08464	-.00053	-.00228	-.19922	.00023	.00260
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	-.00321	-.00117	.00149	-.00206	.0011	-.00021	F 1.6452
Stddev	.00446	.00074	.00047	.00094	.00063	.0012	.00001	.0348
%RSD	140.60	23.163	40.256	63.414	30.481	113.7	6.5667	2.1139
#1	.00160	-.00278	-.00101	.00170	-.00213	-.0002	-.00019	1.6850
#2	-.00387	-.00278	-.00170	.00046	-.00140	.0022	-.00022	1.6294
#3	-.00724	-.00406	-.00080	.00231	-.00264	.0011	-.00021	1.6211

Sample Name: ICB01 Acquired: 5/8/2019 12:07:48 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4132
Stddev .1199
%RSD 8.4863

#1 1.3422
#2 1.3457
#3 1.5516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4138.3	52244.	5398.9	79.044	4734.4
Stddev	12.4	122.	24.2	.813	3.7
%RSD	.29943	.23405	.44902	1.0282	.07827

#1	4125.1	52115.	5382.8	79.917	4730.3
#2	4140.2	52258.	5387.1	78.908	4737.4
#3	4149.6	52359.	5426.7	78.308	4735.6

Sample Name: CRI01 Acquired: 5/8/2019 12:12:15 Type: Unk
Method: P4-ICP2(v3101) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02092	.04131	.00949	.02076	.05028	.08861	.09876	.00616
Stddev	.00042	.00182	.00016	.00179	.00095	.00137	.00041	.00002
%RSD	2.0247	4.3970	1.6941	8.6169	1.8824	1.5478	.41207	.37635
#1	.02093	.04225	.00931	.01925	.04925	.08778	.09862	.00613
#2	.02049	.04247	.00963	.02029	.05046	.08785	.09921	.00618
#3	.02134	.03922	.00953	.02273	.05111	.09019	.09844	.00615
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	2.0403	.00968	.02844	.02049	.09840	.02129	1.9232
Stddev	.00006	.0160	.00025	.00013	.00032	.00030	.00006	.0600
%RSD	1.0532	.78367	2.5945	.45737	1.5811	.30833	.29846	3.1170
#1	.00569	2.0248	.00946	.02852	.02087	.09867	.02136	1.8876
#2	.00572	2.0395	.00963	.02829	.02029	.09807	.02125	1.9924
#3	.00561	2.0567	.00995	.02851	.02033	.09846	.02125	1.8897
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03926	.00981	1.8999	.03923	.03499	1.7372	.20528	.10823
Stddev	.00032	.00038	.0154	.00069	.00013	.0466	.00066	.00239
%RSD	.82131	3.8738	.81185	1.7588	.36637	2.6839	.32355	2.2071
#1	.03949	.00942	1.8831	.03999	.03512	1.7042	.20453	.10550
#2	.03940	.00982	1.9135	.03904	.03486	1.7905	.20580	.10921
#3	.03889	.01018	1.9030	.03865	.03499	1.7168	.20550	.10997
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01171	.37882	.03502	.04183	.01499	.0168	.02042	F 1.7569
Stddev	.00057	.00082	.00071	.00170	.00147	.0012	.00011	.0831
%RSD	4.8327	.21745	2.0411	4.0589	9.8213	6.906	.53477	4.7278
#1	.01175	.37965	.03424	.03999	.01332	.0169	.02054	1.8524
#2	.01226	.37879	.03517	.04334	.01555	.0156	.02039	1.7015
#3	.01113	.37801	.03564	.04216	.01610	.0179	.02034	1.7169

Sample Name: CRI01 Acquired: 5/8/2019 12:12:15 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5722
Stddev .8447
%RSD 53.725

#1 1.7102
#2 2.3394
#3 .66705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4150.7	52208.	5446.4	80.664	4714.5
Stddev	12.6	10.	20.0	.702	11.5
%RSD	.30416	.02009	.36768	.87028	.24353

#1	4136.3	52218.	5423.9	80.500	4701.3
#2	4155.7	52209.	5462.3	80.058	4719.4
#3	4160.0	52197.	5453.0	81.433	4722.6

Sample Name: ICSA01 Acquired: 5/8/2019 12:16:42 Type: Unk
Method: P4-ICP2(v3101) 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	.01017	.01148	-.00892	-.00687	.00107	272.06	.00666	.00140
Stddev	.00094	.00046	.00208	.00409	.00163	.18	.00078	.00008
%RSD	9.2186	3.9777	23.324	59.567	152.72	.06792	11.637	5.7797
#1	.00919	.01197	-.00711	-.00968	.00280	272.10	.00717	.00141
#2	.01107	.01141	-.00846	-.00218	.00081	271.85	.00577	.00131
#3	.01024	.01106	-.01120	-.00876	-.00042	272.22	.00705	.00147
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00386	254.72	.04874	-.00075	.00811	97.429	.01480	274.69
Stddev	.00008	1.05	.00065	.00015	.00031	.340	.00008	.53
%RSD	2.1287	.41248	1.3392	20.520	3.8165	.34917	.57110	.19250
#1	-.00379	254.99	.04901	-.00057	.00810	97.036	.01479	274.77
#2	-.00395	253.55	.04922	-.00082	.00780	97.606	.01489	274.13
#3	-.00382	255.60	.04800	-.00085	.00842	97.644	.01472	275.18
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01338	-.00894	-.03313	.00224	-.01639	-.14177	-.00389	.06431
Stddev	.00046	.00021	.01194	.00010	.00027	.02242	.00014	.00972
%RSD	3.4621	2.3188	36.021	4.6222	1.6512	15.817	3.7229	15.117
#1	-.01387	-.00918	-.01944	.00213	-.01609	-.16556	-.00379	.07452
#2	-.01294	-.00880	-.03866	.00225	-.01661	-.13873	-.00406	.05516
#3	-.01334	-.00884	-.04131	.00234	-.01647	-.12102	-.00383	.06325
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03212	-.00716	-.00196	-.00132	.01305	.0195	-.00246	5.5563
Stddev	.00687	.00151	.00176	.00186	.00086	.0011	.00037	.2094
%RSD	21.401	21.121	89.748	140.34	6.6016	5.615	15.030	3.7678
#1	.03904	-.00628	-.00392	-.00284	.01267	.0185	-.00204	5.3391
#2	.03201	-.00890	-.00140	-.00187	.01403	.0206	-.00274	5.5731
#3	.02529	-.00629	-.00055	.00075	.01244	.0193	-.00260	5.7568

Sample Name: ICSA01 Acquired: 5/8/2019 12:16:42 Type: Unk
 Method: P4-ICP2(v3101) 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	1.2451
%RSD	3.1175

#1	-41.329
#2	-39.565
#3	-38.925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.8	46646.	5280.6	73.109	3793.6
Stddev	2.7	71.	27.0	1.284	7.5
%RSD	.07246	.15283	.51218	1.7557	.19657

#1	3722.2	46567.	5250.6	71.628	3787.8
#2	3726.9	46669.	5303.2	73.802	3791.0
#3	3722.3	46704.	5287.9	73.898	3802.0

Sample Name: ICSAB01 Acquired: 5/8/2019 12:34:46 Type: Unk
Method: P4-ICP2(v3101) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11288	.11294	.04194	.04691	.60339	250.48	.52942
Stddev	.00193	.00248	.00108	.00086	.00393	.77	.00283
%RSD	1.7141	2.1921	2.5752	1.8403	.65087	.30909	.53414

#1	.11335	.11208	.04130	.04635	.60013	250.61	.52867
#2	.11453	.11573	.04133	.04648	.60775	251.19	.53255
#3	.11075	.11101	.04318	.04791	.60230	249.66	.52704

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53187	.98478	231.94	.54675	.48872	.49550	90.388
Stddev	.00063	.00284	.76	.00190	.00262	.00093	.247
%RSD	.11782	.28874	.32975	.34812	.53510	.18675	.27319

#1	.53134	.98559	231.35	.54559	.49059	.49581	90.103
#2	.53169	.98713	231.66	.54894	.48985	.49623	90.537
#3	.53256	.98162	232.80	.54571	.48574	.49446	90.525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51057	252.40	.96490	.20193	-.05351	.50889	1.0211
Stddev	.00201	.54	.00423	.00042	.01100	.00123	.0050
%RSD	.39288	.21459	.43822	.20861	20.561	.24176	.49339

#1	.50891	252.16	.96767	.20147	-.05636	.50953	1.0221
#2	.51001	253.02	.96699	.20230	-.04136	.50747	1.0256
#3	.51280	252.02	.96003	.20203	-.06281	.50966	1.0157

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17653	1.0085	1.1569	F .03156	.91827	1.0085	1.0280
Stddev	.01205	.0070	.0085	.00378	.00386	.0082	.0034
%RSD	6.8237	.69889	.73760	11.994	.42077	.81239	.33541

#1	-.16968	1.0135	1.1560	.02723	.92124	1.0143	1.0293
#2	-.19044	1.0116	1.1658	.03428	.91967	1.0119	1.0241
#3	-.16947	1.0005	1.1488	.03316	.91390	.99910	1.0307

Sample Name: ICSAB01 Acquired: 5/8/2019 12:34:46 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01062	F .0139	F -.00302	5.0973	<.00000
Stddev	.00087	.0005	.00023	.3001	.92036
%RSD	8.2326	3.511	7.7110	5.8879	2.4663
#1	.00961	.0136	-.00276	4.9340	-37.682
#2	.01118	.0137	-.00310	4.9142	-36.270
#3	.01107	.0145	-.00320	5.4437	-37.999
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.7	46722.	5337.0	74.394	3821.4
Stddev	11.2	131.	12.7	1.123	19.0
%RSD	.29963	.28122	.23713	1.5091	.49714
#1	3743.7	46691.	5330.6	73.097	3809.7
#2	3740.9	46608.	5351.6	75.023	3811.2
#3	3761.6	46866.	5328.8	75.060	3843.3

Sample Name: CCV01 Acquired: 5/8/2019 12:39:53 Type: Unk
Method: P4-ICP2(v3101) 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	4.9813	5.0285	4.9415	5.0081	4.9813	9.8481	9.9239	.25099
Stddev	.0046	.0119	.0115	.0090	.0043	.0478	.0316	.00028
%RSD	.09318	.23656	.23173	.17913	.08739	.48581	.31831	.11318
#1	4.9799	5.0148	4.9398	5.0131	4.9766	9.8251	9.8906	.25100
#2	4.9775	5.0344	4.9537	4.9977	4.9852	9.8162	9.9275	.25127
#3	4.9865	5.0362	4.9310	5.0134	4.9822	9.9031	9.9535	.25070
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4828	25.367	1.0110	2.4807	1.2572	5.0474	2.5336	24.678
Stddev	.0024	.142	.0005	.0011	.0003	.0042	.0005	.221
%RSD	.09703	.55918	.04966	.04454	.01991	.08402	.02073	.89659
#1	2.4809	25.267	1.0106	2.4809	1.2575	5.0425	2.5331	24.679
#2	2.4855	25.305	1.0115	2.4818	1.2570	5.0501	2.5342	24.457
#3	2.4821	25.530	1.0108	2.4796	1.2571	5.0495	2.5335	24.899
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4998	1.2506	24.995	2.5274	2.4705	24.825	5.0315	4.9991
Stddev	.0005	.0013	.070	.0019	.0030	.126	.0052	.0318
%RSD	.01895	.10568	.28074	.07511	.11970	.50926	.10405	.63607
#1	2.4992	1.2494	24.922	2.5253	2.4698	24.753	5.0273	5.0119
#2	2.4999	1.2505	25.000	2.5291	2.4737	24.750	5.0298	4.9629
#3	2.5001	1.2520	25.062	2.5277	2.4679	24.971	5.0373	5.0225
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8788	4.9776	4.9541	5.0467	5.0428	5.020	5.0883	F 4.2873
Stddev	.0015	.0174	.0100	.0175	.0331	.006	.0289	.1088
%RSD	.03030	.35022	.20239	.34665	.65585	.1187	.56766	2.5376
#1	4.8771	4.9608	4.9475	5.0272	5.0058	5.018	5.0562	4.3092
#2	4.8795	4.9956	4.9492	5.0519	5.0530	5.015	5.0967	4.3834
#3	4.8797	4.9764	4.9656	5.0610	5.0695	5.026	5.1121	4.1692

Sample Name: CCV01 Acquired: 5/8/2019 12:39:53 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8730
Stddev	1.0824
%RSD	27.948

#1	2.7253
#2	4.8755
#3	4.0181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3975.1	50002.	5392.3	76.512	4194.9
Stddev	1.8	71.	22.5	1.340	4.9
%RSD	.04539	.14230	.41732	1.7509	.11667

#1	3974.0	50081.	5417.4	78.058	4193.6
#2	3977.1	49943.	5373.9	75.718	4190.8
#3	3974.1	49983.	5385.5	75.758	4200.3

Sample Name: LLCCV01 Acquired: 5/8/2019 12:43:52 Type: Unk
Method: P4-ICP2(v3101) 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	.01969	.04077	.01043	.01794	.05107	.08866	.09875	.00613
Stddev	.00151	.00159	.00122	.00174	.00100	.01181	.00063	.00004
%RSD	7.6889	3.8880	11.745	9.7158	1.9620	13.324	.64158	.62794
#1	.01827	.04219	.01131	.01754	.05010	.09048	.09881	.00609
#2	.02128	.03906	.00903	.01985	.05100	.09945	.09809	.00616
#3	.01952	.04107	.01094	.01643	.05210	.07604	.09935	.00615
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	2.0563	.00988	.02835	.02088	.09854	.02124	1.9678
Stddev	.00003	.0194	.00025	.00002	.00010	.00169	.00007	.0303
%RSD	.54657	.94452	2.5293	.06711	.46196	1.7107	.33985	1.5385
#1	.00569	2.0424	.01011	.02836	.02093	.09677	.02117	2.0026
#2	.00575	2.0785	.00993	.02835	.02076	.09873	.02122	1.9537
#3	.00574	2.0481	.00962	.02833	.02093	.10012	.02131	1.9472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03906	.01000	1.9172	.03967	.03498	1.7778	.20459	.09615
Stddev	.00017	.00043	.0088	.00051	.00011	.0110	.00062	.01187
%RSD	.42461	4.3104	.45752	1.2741	.31257	.61849	.30264	12.349
#1	.03901	.00986	1.9273	.03940	.03491	1.7726	.20489	.08505
#2	.03893	.01048	1.9113	.03936	.03492	1.7704	.20387	.10867
#3	.03925	.00965	1.9130	.04026	.03510	1.7904	.20499	.09472
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01311	.38383	.03693	.04125	.01676	.0184	.02056	F 2.2385
Stddev	.00264	.00039	.00013	.00051	.00072	.0015	.00011	.1587
%RSD	20.114	.10271	.33973	1.2375	4.3217	8.302	.51651	7.0910
#1	.01007	.38350	.03705	.04158	.01707	.0187	.02046	2.1478
#2	.01476	.38373	.03680	.04150	.01728	.0199	.02055	2.1459
#3	.01451	.38427	.03693	.04066	.01593	.0168	.02067	2.4218

Sample Name: LLCCV01 Acquired: 5/8/2019 12:43:52 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1971
Stddev .7763
%RSD 64.846

#1 .55725
#2 2.0606
#3 .97335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4139.1	52180.	5422.5	81.375	4696.6
Stddev	10.7	109.	10.5	1.500	8.1
%RSD	.25846	.20834	.19288	1.8437	.17230

#1	4128.0	52127.	5421.7	81.408	4689.7
#2	4139.8	52107.	5412.5	79.858	4694.6
#3	4149.4	52305.	5433.4	82.858	4705.5

Sample Name: CCB01 Acquired: 5/8/2019 12:48:20 Type: Unk
Method: P4-ICP2(v3101) 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	.00106	.00029	-.00293	-.00124	-.00094	-.01539	-.00020	.00005
Stddev	.00219	.00060	.00044	.00080	.00129	.00450	.00031	.00002
%RSD	206.60	206.56	15.019	63.974	136.74	29.249	151.89	43.133
#1	.00077	-.00021	-.00275	-.00057	-.00061	-.01097	-.00004	.00007
#2	-.00097	.00013	-.00260	-.00212	-.00237	-.01997	-.00001	.00006
#3	.00338	.00096	-.00343	-.00105	.00015	-.01525	-.00056	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00729	-.00020	.00008	-.00050	-.00476	-.00030	.00795
Stddev	.00003	.01506	.00018	.00010	.00038	.00012	.00001	.01099
%RSD	47.635	206.63	85.929	122.97	75.519	2.5426	3.2602	138.10
#1	-.00009	-.00498	-.00036	.00001	-.00093	-.00470	-.00030	.01196
#2	-.00006	-.02337	-.00024	.00004	-.00023	-.00469	-.00031	-.00447
#3	-.00003	.00648	-.00001	.00020	-.00034	-.00490	-.00029	.01637
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00027	-.09981	-.00044	-.00265	-.21904	.00009	.00680
Stddev	.00031	.00019	.01038	.00020	.00003	.03227	.00011	.02098
%RSD	7254.9	69.711	10.397	45.754	1.2753	14.731	117.17	308.65
#1	.00014	-.00047	-.09911	-.00037	-.00267	-.18284	.00013	.02913
#2	-.00036	-.00009	-.11053	-.00028	-.00261	-.22952	-.00003	.00375
#3	.00021	-.00027	-.08981	-.00067	-.00267	-.24477	.00018	-.01249
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00482	-.00111	-.00158	.00166	-.00393	-.0005	-.00012	F 2.8876
Stddev	.00223	.00140	.00044	.00138	.00157	.0014	.00008	.1944
%RSD	46.210	126.52	27.567	83.247	40.051	260.9	63.572	6.7318
#1	-.00314	.00030	-.00160	.00317	-.00268	.0008	-.00019	3.1035
#2	-.00398	-.00250	-.00113	.00136	-.00569	-.0019	-.00004	2.7265
#3	-.00735	-.00112	-.00200	.00045	-.00341	-.0005	-.00014	2.8328

Sample Name: CCB01 Acquired: 5/8/2019 12:48:20 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5549
Stddev	.3865
%RSD	24.857

#1	1.7385
#2	1.1108
#3	1.8153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4155.8	52609.	5417.7	81.778	4752.2
Stddev	7.7	122.	16.7	1.373	10.1
%RSD	.18577	.23284	.30872	1.6794	.21303

#1	4151.8	52527.	5399.7	80.875	4743.3
#2	4150.9	52750.	5432.8	81.100	4749.9
#3	4164.7	52550.	5420.7	83.358	4763.2

Sample Name: PB119507BL Acquired: 5/8/2019 12:57:13 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119507BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00016	-.00488	-.00297	.00090	-.01577	-.00033	.00000
Stddev	.00204	.00131	.00016	.00075	.00251	.00490	.00023	.00003
%RSD	344.56	810.43	3.2871	25.099	279.80	31.094	69.482	716.95

#1	.00116	.00143	-.00482	-.00382	.00125	-.01973	-.00059	-.00002
#2	.00229	-.00120	-.00506	-.00243	-.00177	-.01729	-.00024	-.00000
#3	-.00167	.00026	-.00476	-.00266	.00322	-.01029	-.00016	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00336	-.00020	-.00004	-.00022	-.00475	-.00035	-.02213
Stddev	.00001	.01410	.00016	.00017	.00011	.00054	.00004	.01560
%RSD	13.231	419.20	80.810	387.83	50.395	11.333	11.392	70.499

#1	-.00010	.00461	-.00038	.00010	-.00032	-.00495	-.00040	-.03493
#2	-.00010	.01679	-.00018	.00000	-.00010	-.00414	-.00035	-.02670
#3	-.00008	-.01132	-.00005	-.00023	-.00024	-.00516	-.00032	-.00475

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00070	-.10181	-.00002	-.00264	-.18950	.00019	.00373
Stddev	.00007	.00032	.00583	.00059	.00006	.02935	.00010	.00639
%RSD	44.472	45.869	5.7295	2868.8	2.1627	15.487	51.121	171.22

#1	-.00011	-.00060	-.10614	.00048	-.00257	-.19218	.00009	-.00359
#2	-.00013	-.00044	-.09517	-.00067	-.00269	-.21741	.00028	.00659
#3	-.00024	-.00105	-.10411	.00013	-.00264	-.15890	.00020	.00820

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00110	-.00243	.00177	-.00483	-.0000	-.00019	F 3.0320
Stddev	.00108	.00088	.00064	.00055	.00098	.0004	.00003	.2010
%RSD	37.430	79.839	26.444	30.880	20.385	868.9	16.684	6.6300

#1	-.00172	-.00053	-.00175	.00230	-.00463	-.0005	-.00022	3.2258
#2	-.00308	-.00066	-.00303	.00121	-.00590	.0003	-.00016	2.8245
#3	-.00386	-.00211	-.00251	.00180	-.00396	.0000	-.00018	3.0457

Sample Name: PB119507BL Acquired: 5/8/2019 12:57:13 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119507BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1305
Stddev	.1103
%RSD	9.7592

#1	1.1361
#2	1.0175
#3	1.2380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4142.1	52587.	5452.1	81.975	4731.3
Stddev	24.5	117.	33.9	2.152	17.6
%RSD	.59264	.22220	.62221	2.6247	.37132

#1	4115.3	52452.	5490.5	80.550	4711.8
#2	4147.6	52662.	5426.5	80.925	4736.3
#3	4163.4	52646.	5439.2	84.450	4745.9

Sample Name: PB119507BS Acquired: 5/8/2019 13:01:42 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119507BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73333	1.9329	.93442	1.8672	.75027	1.8399	.19138
Stddev	.00366	.0060	.00079	.0070	.00056	.0088	.00077
%RSD	.49976	.31256	.08504	.37317	.07416	.47532	.40166

#1	.73598	1.9367	.93432	1.8615	.75088	1.8495	.19092
#2	.73487	1.9361	.93368	1.8750	.74979	1.8324	.19096
#3	.72915	1.9259	.93526	1.8651	.75015	1.8379	.19227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18593	.18417	1.0464	.40313	.19095	.30537	3.0613
Stddev	.00017	.00054	.0078	.00137	.00026	.00057	.0081
%RSD	.09170	.29197	.74758	.33967	.13787	.18764	.26343

#1	.18595	.18363	1.0399	.40204	.19094	.30483	3.0683
#2	.18608	.18418	1.0550	.40467	.19070	.30530	3.0631
#3	.18575	.18471	1.0441	.40267	.19122	.30597	3.0525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20250	1.8915	.47980	.06843	2.8509	.30069	.18450
Stddev	.00017	.0504	.00051	.00084	.0144	.00096	.00015
%RSD	.08416	2.6623	.10528	1.2241	.50358	.32029	.08147

#1	.20256	1.8619	.47922	.06791	2.8393	.30009	.18464
#2	.20263	1.9497	.48004	.06940	2.8464	.30180	.18452
#3	.20230	1.8630	.48014	.06798	2.8670	.30019	.18434

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4085	.39093	.29171	F 1.1719	.84530	.63428	.19331
Stddev	.0819	.00079	.01696	.0022	.00148	.00133	.00250
%RSD	.87050	.20141	5.8146	.18635	.17474	.20947	1.2930

#1	9.4780	.39184	.31101	1.1744	.84402	.63538	.19182
#2	9.3182	.39051	.28492	1.1707	.84692	.63465	.19620
#3	9.4292	.39044	.27920	1.1705	.84495	.63280	.19192

Sample Name: PB119507BS Acquired: 5/8/2019 13:01:42 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119507BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19495	5.133	.19673	F 2.2159	F<.00000
Stddev	.00301	.016	.00050	.1802	.96589
%RSD	1.5435	.3055	.25235	8.1329	22.286

#1	.19804	5.150	.19623	2.3785	-4.6491
#2	.19478	5.131	.19674	2.0222	-5.1032
#3	.19202	5.119	.19722	2.2470	-3.2501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4125.8	52463.	5453.4	80.942	4659.3
Stddev	7.2	164.	27.1	1.244	10.8
%RSD	.17507	.31336	.49648	1.5365	.23172

#1	4127.4	52354.	5456.5	81.500	4653.6
#2	4117.9	52383.	5424.9	79.517	4652.5
#3	4132.0	52652.	5478.8	81.808	4671.7

Sample Name: K2639-01 Acquired: 5/8/2019 13:05:51 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02448	-.00766	.21009	.00186	.00150	99.876	.74537
Stddev	.00160	.00179	.00231	.00282	.00069	.586	.00526
%RSD	6.5421	23.378	1.0998	151.44	46.213	.58642	.70563

#1	.02507	-.00955	.20764	.00510	.00070	100.29	.74859
#2	.02571	-.00598	.21038	.00059	.00189	99.206	.73930
#3	.02267	-.00746	.21224	-.00010	.00190	100.13	.74822

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01080	-.00254	70.912	.38090	.12248	.38981	211.32
Stddev	.00021	.00006	.307	.00164	.00015	.00130	.90
%RSD	1.9666	2.3730	.43326	.43141	.11869	.33234	.42616

#1	.01090	-.00252	70.733	.38118	.12265	.38925	211.87
#2	.01055	-.00250	71.267	.37914	.12237	.38889	210.28
#3	.01094	-.00261	70.736	.38239	.12243	.39129	211.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2434	66.179	.18029	-.02272	8.1895	.46295	.79983
Stddev	.0557	.330	.00100	.00047	.0421	.00196	.00201
%RSD	.76860	.49818	.55400	2.0658	.51359	.42399	.25165

#1	7.3034	66.205	.18139	-.02252	8.2276	.46402	.80128
#2	7.1934	65.837	.17944	-.02326	8.1444	.46068	.80068
#3	7.2335	66.495	.18003	-.02239	8.1967	.46413	.79753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.532	.00820	.25226	4.2190	1.3345	.04794	3.8178
Stddev	.032	.00020	.00898	.0105	.0167	.00099	.0165
%RSD	.20477	2.4133	3.5608	.24893	1.2520	2.0717	.43183

#1	15.525	.00823	.26018	4.2206	1.3213	.04724	3.8052
#2	15.504	.00799	.25412	4.2078	1.3288	.04908	3.8117
#3	15.567	.00838	.24250	4.2286	1.3533	.04749	3.8364

Sample Name: K2639-01 Acquired: 5/8/2019 13:05:51 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22363	6.901	-.02328	<.00000	F<.00000
Stddev	.00170	.016	.00160	.42615	1.1074
%RSD	.75874	.2370	6.8900	21.300	.71923

#1	.22416	6.903	-.02351	-2.1423	-152.96
#2	.22173	6.884	-.02157	-1.5218	-153.78
#3	.22500	6.917	-.02475	-2.3380	-155.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4584.0	58038.	6484.9	78.162	4077.5
Stddev	3.4	164.	42.2	1.296	3.6
%RSD	.07445	.28300	.65068	1.6575	.08850

#1	4586.6	57850.	6489.5	79.622	4075.6
#2	4580.1	58149.	6440.6	77.151	4075.2
#3	4585.2	58116.	6524.6	77.712	4081.7

Sample Name: K2639-03 Acquired: 5/8/2019 13:10:25 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04259	.00529	.17073	-.00463	-.00066	114.53	.65519
Stddev	.00140	.00152	.00300	.00509	.00153	.28	.00188
%RSD	3.2760	28.756	1.7569	109.87	233.29	.24254	.28669

#1	.04420	.00624	.17279	-.00574	-.00199	114.83	.65632
#2	.04184	.00353	.17211	-.00906	-.00100	114.47	.65624
#3	.04173	.00609	.16729	.00092	.00102	114.29	.65302

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01464	-.00272	54.077	.20411	.13019	.43232	270.06
Stddev	.00028	.00022	.165	.00135	.00041	.00084	.31
%RSD	1.9242	7.9326	.30580	.66239	.31397	.19439	.11407

#1	.01464	-.00280	54.154	.20264	.13059	.43277	270.29
#2	.01436	-.00288	53.887	.20438	.12977	.43284	270.17
#3	.01492	-.00248	54.190	.20530	.13019	.43135	269.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6203	59.229	.16111	-.02901	5.4517	.41170	.57374
Stddev	.0040	.200	.00058	.00013	.0178	.00039	.00164
%RSD	.10925	.33720	.35792	.43975	.32609	.09394	.28607

#1	3.6172	59.043	.16113	-.02887	5.4693	.41210	.57534
#2	3.6248	59.204	.16168	-.02911	5.4520	.41166	.57206
#3	3.6190	59.440	.16053	-.02907	5.4337	.41133	.57382

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4121	.00107	.33957	2.5290	1.7565	.00808	2.0848
Stddev	.0256	.00026	.00839	.0075	.0184	.00026	.0039
%RSD	.27223	23.936	2.4720	.29737	1.0450	3.1774	.18886

#1	9.4300	.00131	.33011	2.5354	1.7769	.00831	2.0820
#2	9.4235	.00080	.34249	2.5308	1.7413	.00780	2.0893
#3	9.3828	.00111	.34612	2.5207	1.7514	.00812	2.0831

Sample Name: K2639-03 Acquired: 5/8/2019 13:10:25 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15220	7.601	-.16059	<.00000	F<.00000
Stddev	.00122	.017	.00030	.24891	2.4103
%RSD	.79931	.2282	.18647	12.252	1.1370
#1	.15263	7.613	-.16048	-2.2626	-214.59
#2	.15082	7.609	-.16093	-1.7680	-209.84
#3	.15314	7.581	-.16036	-2.0643	-211.51
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4604.0	57952.	6452.8	77.043	4084.9
Stddev	4.0	137.	24.4	.315	7.1
%RSD	.08702	.23650	.37888	.40823	.17327
#1	4599.5	57861.	6425.7	77.065	4079.0
#2	4605.2	57887.	6459.5	76.719	4092.8
#3	4607.2	58110.	6473.2	77.346	4083.1

Sample Name: K2698-01 Acquired: 5/8/2019 13:14:48 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01706	.00031	.62554	.02657	.00276	23.143	1.3098
Stddev	.00123	.00145	.00083	.00307	.00080	.109	.0040
%RSD	7.2319	470.29	.13191	11.563	28.781	.47030	.30952

#1	.01648	.00091	.62580	.02458	.00216	23.262	1.3145
#2	.01847	-.00135	.62462	.02502	.00367	23.049	1.3076
#3	.01622	.00136	.62621	.03011	.00247	23.118	1.3073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	.00062	142.53	.13197	.03316	1.6028	100.08
Stddev	.00016	.00020	.91	.00023	.00010	.0034	.39
%RSD	5.8029	31.929	.63865	.17060	.29165	.21046	.38895

#1	.00295	.00074	142.86	.13190	.03327	1.5994	99.887
#2	.00268	.00039	141.50	.13222	.03311	1.6027	100.53
#3	.00267	.00074	143.23	.13178	.03309	1.6062	99.822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9879	56.786	.28351	.00894	12.893	.08483	3.1540
Stddev	.0067	.235	.00075	.00025	.022	.00014	.0068
%RSD	.16694	.41416	.26565	2.8169	.17229	.16071	.21562

#1	3.9854	56.635	.28330	.00923	12.913	.08492	3.1526
#2	3.9955	56.667	.28435	.00879	12.869	.08467	3.1480
#3	3.9829	57.057	.28289	.00880	12.897	.08490	3.1614

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4236	.02631	.21128	F 38.761	1.3868	.08180	.60352
Stddev	.0312	.00048	.01568	.106	.0296	.00038	.00125
%RSD	.36987	1.8362	7.4204	.27441	2.1342	.46278	.20708

#1	8.4567	.02609	.21869	38.720	1.4205	.08210	.60290
#2	8.4191	.02597	.22188	38.681	1.3747	.08138	.60496
#3	8.3948	.02686	.19327	38.882	1.3651	.08192	.60271

Sample Name: K2698-01 Acquired: 5/8/2019 13:14:48 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STOCKPILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02773	F 58.76	.35259	3.0210	F<.00000
Stddev	.00082	.17	.00324	.2300	1.4718
%RSD	2.9617	.2869	.91798	7.6145	2.9593
#1	.02832	58.93	.35485	3.0155	-50.370
#2	.02679	58.59	.34888	3.2537	-48.052
#3	.02807	58.77	.35403	2.7937	-50.783
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4072.7	52181.	5805.0	79.838	4200.1
Stddev	.7	153.	27.3	.795	7.7
%RSD	.01735	.29248	.47020	.99595	.18379
#1	4072.0	52005.	5785.8	80.215	4191.2
#2	4073.4	52261.	5836.2	80.374	4205.0
#3	4072.7	52276.	5792.9	78.924	4204.2

Sample Name: K2703-02 Acquired: 5/8/2019 13:19:05 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-3-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11515	-.00047	5.4227	-.00082	.01642	80.666	2.6478
Stddev	.00433	.00123	.0133	.00264	.00095	.682	.0234
%RSD	3.7598	259.78	.24509	320.13	5.7777	.84533	.88545

#1	.11995	-.00104	5.4081	.00139	.01596	80.061	2.6310
#2	.11153	.00093	5.4261	-.00374	.01751	81.405	2.6746
#3	.11398	-.00131	5.4340	-.00012	.01579	80.533	2.6378

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01220	.00881	100.87	.22075	.10938	1.6191	289.84
Stddev	.00031	.00010	.27	.00128	.00057	.0010	.58
%RSD	2.5119	1.1102	.27112	.58106	.52483	.06030	.20090

#1	.01254	.00891	100.59	.21932	.10969	1.6189	289.17
#2	.01196	.00880	100.89	.22110	.10871	1.6182	290.25
#3	.01209	.00872	101.13	.22181	.10972	1.6201	290.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6144	32.573	.26357	-.02628	6.9544	.36246	5.0166
Stddev	.0019	.265	.00133	.00067	.0610	.00149	.0042
%RSD	.05328	.81412	.50359	2.5359	.87776	.41050	.08284

#1	3.6152	32.423	.26236	-.02650	6.9142	.36076	5.0140
#2	3.6159	32.879	.26335	-.02553	7.0247	.36351	5.0214
#3	3.6122	32.417	.26499	-.02681	6.9245	.36311	5.0145

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.981	.00895	.21138	9.4200	1.6738	.64884	3.2162
Stddev	.118	.00027	.01514	.0151	.0256	.00178	.0086
%RSD	.78635	2.9639	7.1635	.15997	1.5273	.27424	.26832

#1	14.917	.00908	.20471	9.4274	1.6865	.65081	3.2110
#2	15.116	.00913	.22871	9.4027	1.6443	.64736	3.2261
#3	14.908	.00865	.20072	9.4300	1.6905	.64834	3.2115

Sample Name: K2703-02 Acquired: 5/8/2019 13:19:05 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3-OW(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10765	F 10.98	.18170	<.00000	F<.00000
Stddev	.00163	.00	.00059	.40062	1.2408
%RSD	1.5135	.0217	.32530	29.053	.50425

#1	.10577	10.98	.18114	-1.5211	-247.40
#2	.10859	10.98	.18164	-.92663	-244.94
#3	.10859	10.98	.18232	-1.6891	-245.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4559.0	58169.	6538.6	77.748	4061.7
Stddev	2.0	53.	46.4	.980	3.6
%RSD	.04461	.09093	.70961	1.2600	.08981

#1	4558.8	58210.	6511.6	77.968	4065.4
#2	4561.2	58109.	6592.1	78.599	4058.1
#3	4557.1	58187.	6512.0	76.677	4061.7

Sample Name: K2704-02 Acquired: 5/8/2019 13:23:27 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2(24-27) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12510	-.01923	.19056	.00392	-.00078	69.104	.72039
Stddev	.00064	.00104	.00089	.00215	.00112	.097	.00182
%RSD	.51328	5.4234	.46736	54.764	143.16	.14034	.25208

#1	.12550	-.02034	.19071	.00633	-.00048	69.215	.72196
#2	.12436	-.01827	.19136	.00323	-.00202	69.036	.72080
#3	.12545	-.01909	.18960	.00221	.00016	69.060	.71840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00761	-.00503	36.008	.16654	.10349	.24103	163.18
Stddev	.00029	.00015	.213	.00046	.00034	.00036	.38
%RSD	3.8101	3.0555	.59112	.27680	.33166	.14918	.22993

#1	.00789	-.00520	35.778	.16614	.10367	.24069	163.56
#2	.00731	-.00492	36.048	.16644	.10371	.24141	162.81
#3	.00762	-.00496	36.198	.16704	.10310	.24099	163.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8616	58.604	.21276	-.01818	1.1437	.26593	.66074
Stddev	.0008	.023	.00014	.00061	.0046	.00184	.00122
%RSD	.04398	.03882	.06692	3.3726	.39809	.69012	.18399

#1	1.8625	58.630	.21284	-.01759	1.1388	.26385	.66103
#2	1.8611	58.593	.21260	-.01881	1.1478	.26730	.66179
#3	1.8611	58.589	.21285	-.01815	1.1445	.26665	.65941

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.869	.00170	.11354	F 17.178	.99878	-.00278	6.9339
Stddev	.111	.00018	.01221	.079	.00290	.00021	.0414
%RSD	.36044	10.720	10.750	.45886	.29035	7.4507	.59742

#1	30.906	.00188	.10721	17.165	.99639	-.00281	6.9086
#2	30.957	.00152	.10580	17.262	.99794	-.00256	6.9113
#3	30.744	.00171	.12761	17.106	1.0020	-.00298	6.9817

Sample Name: K2704-02 Acquired: 5/8/2019 13:23:27 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2(24-27) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10687	5.750	-.05290	1.1164	F<.00000
Stddev	.00029	.017	.00071	.1292	.73842
%RSD	.27414	.2983	1.3497	11.572	.78803

#1	.10688	5.763	-.05369	1.2418	-93.878
#2	.10657	5.756	-.05270	.98370	-94.340
#3	.10715	5.730	-.05230	1.1237	-92.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4255.7	53847.	5918.2	77.604	4172.8
Stddev	6.8	96.	13.8	3.354	4.1
%RSD	.16051	.17751	.23325	4.3217	.09899

#1	4255.5	53737.	5928.1	81.363	4177.4
#2	4262.6	53895.	5924.0	76.532	4171.1
#3	4248.9	53909.	5902.4	74.918	4169.7

Sample Name: K2704-04 Acquired: 5/8/2019 13:27:42 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2(33.5-35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14359	-.00869	.09198	.00038	.00007	48.625	.49322
Stddev	.00056	.00177	.00098	.00246	.00152	.250	.00092
%RSD	.39262	20.313	1.0616	645.94	2036.1	.51514	.18673

#1	.14366	-.00713	.09310	.00213	-.00144	48.803	.49424
#2	.14299	-.00833	.09139	-.00244	.00161	48.339	.49245
#3	.14411	-.01061	.09144	.00145	.00006	48.734	.49298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00502	-.00455	46.781	.10479	.06849	.17916	132.34
Stddev	.00016	.00012	.142	.00050	.00025	.00030	.53
%RSD	3.2215	2.5957	.30250	.48186	.35901	.16908	.40174

#1	.00506	-.00457	46.752	.10483	.06846	.17881	132.20
#2	.00515	-.00465	46.656	.10528	.06875	.17928	132.93
#3	.00484	-.00442	46.935	.10427	.06826	.17938	131.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3052	51.464	.15166	-.01275	.73901	.22365	.39645
Stddev	.0009	.434	.00057	.00046	.00301	.00065	.00069
%RSD	.07203	.84422	.37811	3.5788	.40777	.28963	.17501

#1	1.3041	51.351	.15202	-.01235	.73647	.22345	.39724
#2	1.3057	51.097	.15197	-.01265	.74234	.22313	.39611
#3	1.3058	51.944	.15100	-.01325	.73823	.22438	.39598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.000	.00022	.09371	.60111	1.1005	.00070	3.9448
Stddev	.055	.00047	.00850	.00394	.0129	.00042	.0145
%RSD	.34310	210.81	9.0698	.65534	1.1687	60.081	.36673

#1	15.937	.00075	.09368	.59671	1.1153	.00097	3.9392
#2	16.035	.00004	.08523	.60432	1.0943	.00022	3.9340
#3	16.029	-.00013	.10223	.60230	1.0920	.00092	3.9613

Sample Name: K2704-04 Acquired: 5/8/2019 13:27:42 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2(33.5-35 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08579	5.525	-.06384	1.0633	F<.00000
Stddev	.00026	.006	.00068	.1061	1.3815
%RSD	.29851	.1103	1.0645	9.9785	1.9099
#1	.08591	5.518	-.06362	.97323	-73.251
#2	.08597	5.528	-.06460	1.1802	-70.743
#3	.08550	5.529	-.06330	1.0363	-73.000
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4324.3	54469.	5914.7	79.675	4246.9
Stddev	2.7	113.	29.6	1.172	2.9
%RSD	.06195	.20724	.50069	1.4705	.06868
#1	4323.3	54370.	5881.2	79.663	4244.9
#2	4322.3	54445.	5925.8	78.509	4250.3
#3	4327.4	54592.	5937.3	80.852	4245.7

Sample Name: K2704-06 Acquired: 5/8/2019 13:32:02 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(25-25.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18730	-.02045	.19689	.00348	-.00045	65.923	.73849
Stddev	.00018	.00130	.00087	.00311	.00059	.832	.01050
%RSD	.09845	6.3458	.44036	89.327	131.01	1.2616	1.4222

#1	.18710	-.01937	.19608	-.00004	-.00012	65.030	.72656
#2	.18747	-.02189	.19781	.00465	-.00113	66.065	.74252
#3	.18732	-.02009	.19680	.00583	-.00010	66.675	.74637

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00630	-.00453	21.878	.15129	.09210	.32683	141.51
Stddev	.00021	.00008	1.102	.00042	.00089	.00119	.32
%RSD	3.3731	1.7444	5.0372	.27925	.96378	.36522	.22745

#1	.00641	-.00452	20.693	.15159	.09264	.32577	141.14
#2	.00605	-.00445	22.071	.15147	.09258	.32659	141.66
#3	.00643	-.00461	22.871	.15081	.09107	.32812	141.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8373	44.326	.24034	-.01664	1.1123	.52174	.53365
Stddev	.0020	.586	.00084	.00033	.0101	.00117	.00149
%RSD	.11029	1.3219	.35155	1.9669	.90332	.22417	.27880

#1	1.8377	43.661	.23958	-.01692	1.1038	.52261	.53194
#2	1.8351	44.552	.24020	-.01672	1.1097	.52041	.53456
#3	1.8391	44.766	.24125	-.01628	1.1234	.52221	.53446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.485	.00366	.11017	F 21.755	.79450	-.00456	6.6714
Stddev	.282	.00010	.01238	.038	.03219	.00047	.3537
%RSD	.99157	2.6486	11.242	.17312	4.0511	10.266	5.3013

#1	28.162	.00355	.09616	21.712	.76265	-.00447	6.2935
#2	28.608	.00371	.11967	21.782	.79384	-.00415	6.7263
#3	28.685	.00373	.11468	21.771	.82701	-.00507	6.9944

Sample Name: K2704-06 Acquired: 5/8/2019 13:32:02 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1(25-25.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09828	5.237	-.08406	1.0288	F<.00000
Stddev	.00499	.011	.00327	.0997	1.3241
%RSD	5.0791	.2184	3.8856	9.6860	1.5741

#1	.09321	5.224	-.08746	1.0585	-82.881
#2	.09843	5.247	-.08377	1.1103	-83.965
#3	.10319	5.239	-.08095	.91772	-85.516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4305.6	54463.	6060.4	79.180	4265.7
Stddev	4.6	148.	206.8	2.518	8.8
%RSD	.10712	.27140	3.4124	3.1801	.20579

#1	4310.9	54311.	6274.5	81.772	4272.8
#2	4302.9	54470.	6044.9	79.025	4255.9
#3	4302.9	54606.	5861.7	76.743	4268.5

Sample Name: K2704-08 Acquired: 5/8/2019 13:36:18 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11076	-.01380	.07427	.00397	-.00002	57.062	.66889
Stddev	.00155	.00208	.00010	.00216	.00084	.138	.00391
%RSD	1.4019	15.088	.13338	54.468	5075.0	.24245	.58446

#1	.10963	-.01139	.07418	.00618	-.00097	56.910	.66484
#2	.11012	-.01501	.07438	.00186	.00062	57.096	.67264
#3	.11253	-.01499	.07426	.00388	.00031	57.180	.66918

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	-.00386	22.003	.12623	.08536	.21867	140.36
Stddev	.00004	.00011	.142	.00069	.00052	.00033	.33
%RSD	.60997	2.7515	.64703	.54487	.60867	.14954	.23638

#1	.00588	-.00377	21.839	.12685	.08593	.21873	140.49
#2	.00582	-.00384	22.087	.12549	.08492	.21896	139.99
#3	.00582	-.00398	22.083	.12634	.08523	.21832	140.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5268	44.436	.21194	-.01566	1.0202	.23297	.46262
Stddev	.0014	.154	.00054	.00023	.0095	.00073	.00058
%RSD	.09214	.34638	.25392	1.4753	.93074	.31346	.12446

#1	1.5255	44.339	.21242	-.01549	1.0097	.23253	.46326
#2	1.5266	44.613	.21205	-.01592	1.0281	.23382	.46245
#3	1.5283	44.355	.21136	-.01556	1.0230	.23257	.46215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.635	-.00039	.10725	.78453	1.0601	.00078	5.1838
Stddev	.119	.00020	.01908	.00374	.0040	.00019	.0198
%RSD	.52611	52.517	17.794	.47634	.37283	24.582	.38212

#1	22.501	-.00017	.10892	.78242	1.0559	.00070	5.1696
#2	22.728	-.00042	.08738	.78232	1.0605	.00100	5.1754
#3	22.675	-.00057	.12544	.78884	1.0637	.00064	5.2064

Sample Name: K2704-08 Acquired: 5/8/2019 13:36:18 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1(35-37) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09898	7.380	-.07989	.74372	F<.00000
Stddev	.00127	.014	.00029	.07498	1.5219
%RSD	1.2822	.1827	.36185	10.082	1.9338

#1	.09880	7.396	-.08014	.75064	-76.943
#2	.10032	7.375	-.07958	.66551	-79.478
#3	.09780	7.370	-.07996	.81500	-79.670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4379.0	55150.	5971.7	77.733	4265.6
Stddev	5.4	125.	26.9	2.097	5.4
%RSD	.12319	.22647	.45085	2.6981	.12756

#1	4372.8	55006.	5943.8	80.105	4261.5
#2	4381.9	55222.	5997.6	76.123	4263.5
#3	4382.4	55221.	5973.6	76.971	4271.8

Sample Name: CCV02 Acquired: 5/8/2019 13:40:37 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9152	5.0111	4.8774	4.9477	4.9159	9.7139	9.8544	.25058	2.4598
Stddev	.0083	.0150	.0202	.0129	.0135	.0373	.0393	.00039	.0064
%RSD	.16939	.29852	.41318	.26071	.27500	.38380	.39912	.15744	.26034
#1	4.9156	5.0123	4.8779	4.9467	4.9300	9.7407	9.8596	.25070	2.4604
#2	4.9234	5.0254	4.8972	4.9611	4.9147	9.6713	9.8127	.25014	2.4660
#3	4.9067	4.9956	4.8570	4.9354	4.9031	9.7298	9.8908	.25091	2.4532
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.341	1.0032	2.4577	1.2497	5.0483	2.5257	24.751	2.4831	1.2470
Stddev	.043	.0019	.0075	.0016	.0058	.0041	.099	.0077	.0016
%RSD	.17050	.19182	.30478	.12943	.11491	.16305	.39803	.30981	.12951
#1	25.308	1.0022	2.4607	1.2513	5.0546	2.5297	24.644	2.4825	1.2454
#2	25.324	1.0020	2.4632	1.2495	5.0469	2.5215	24.837	2.4910	1.2468
#3	25.390	1.0054	2.4491	1.2481	5.0433	2.5260	24.773	2.4757	1.2487
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.905	2.5217	2.4429	24.634	5.0035	5.0190	4.8767	4.8735	4.9333
Stddev	.098	.0012	.0074	.099	.0106	.0413	.0212	.0187	.0157
%RSD	.39200	.04636	.30271	.40348	.21095	.82244	.43546	.38436	.31870
#1	24.873	2.5221	2.4465	24.577	5.0135	4.9921	4.8861	4.8737	4.9342
#2	24.828	2.5226	2.4477	24.576	5.0044	5.0665	4.8916	4.8547	4.9487
#3	25.015	2.5204	2.4343	24.749	4.9925	4.9984	4.8523	4.8922	4.9172
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0209	4.9716	5.046	5.0432	4.9271	4.8090			
Stddev	.0013	.0419	.027	.0217	.0571	1.1810			
%RSD	.02636	.84266	.5390	.43118	1.1590	24.557			
#1	5.0218	5.0054	5.059	5.0595	4.9645	3.4958			
#2	5.0194	4.9247	5.064	5.0185	4.9555	5.1475			
#3	5.0214	4.9846	5.015	5.0515	4.8614	5.7838			

Sample Name: CCV02 Acquired: 5/8/2019 13:40:37 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14924 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	3960.7	49657.	5360.8	76.508	4187.4
Stddev	14.1	88.	14.8	.860	17.4
%RSD	.35702	.17779	.27528	1.1247	.41626
#1	3947.5	49584.	5346.0	75.533	4175.9
#2	3959.0	49755.	5375.6	77.161	4178.8
#3	3975.6	49631.	5360.8	76.831	4207.4

Sample Name: CCB02 Acquired: 5/8/2019 13:44:35 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00059	-.00294	-.00440	-.00076	-.01212	.00033	.00002
Stddev	.00160	.00082	.00072	.00102	.00030	.01693	.00024	.00005
%RSD	384.80	138.78	24.365	23.139	39.806	139.70	70.884	249.33
#1	.00226	-.00122	-.00285	-.00348	-.00089	.00150	.00044	-.00003
#2	-.00045	.00033	-.00369	-.00423	-.00096	-.00679	.00006	.00008
#3	-.00056	-.00088	-.00227	-.00550	-.00041	-.03106	.00050	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00570	-.00007	.00008	-.00038	-.00354	-.00032	.00422
Stddev	.00003	.01001	.00024	.00006	.00009	.00003	.00009	.02885
%RSD	303.07	175.68	331.44	74.314	24.270	.93201	27.058	684.25
#1	.00002	.01385	-.00031	.00001	-.00038	-.00357	-.00024	-.02853
#2	-.00002	.00871	.00017	.00013	-.00029	-.00350	-.00030	.02590
#3	.00003	-.00547	-.00008	.00011	-.00048	-.00355	-.00042	.01528
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00033	-.09798	.00013	-.00242	-.21440	.00043	.00214
Stddev	.00019	.00017	.00461	.00062	.00014	.01246	.00021	.00545
%RSD	322.12	50.694	4.7012	467.63	5.8682	5.8125	50.194	254.17
#1	.00004	-.00014	-.10220	.00074	-.00228	-.21998	.00041	-.00137
#2	.00006	-.00043	-.09306	.00016	-.00256	-.22309	.00022	-.00062
#3	-.00027	-.00042	-.09867	-.00050	-.00242	-.20012	.00065	.00842
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00073	-.00082	.00200	-.00190	.0004	-.00014	F 2.6133
Stddev	.00232	.00225	.00071	.00069	.00046	.0003	.00005	.3254
%RSD	447.35	306.27	87.285	34.720	24.434	62.14	32.305	12.452
#1	.00262	.00332	-.00153	.00126	-.00234	.0002	-.00014	2.7378
#2	.00091	-.00072	-.00010	.00210	-.00141	.0003	-.00010	2.8580
#3	-.00197	-.00040	-.00082	.00263	-.00196	.0007	-.00019	2.2440

Sample Name: CCB02 Acquired: 5/8/2019 13:44:35 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14924 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0947
Stddev	.6695
%RSD	61.156

#1	1.7478
#2	.40996
#3	1.1263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4170.1	52533.	5431.8	81.058	4768.9
Stddev	7.1	54.	45.1	1.002	16.1
%RSD	.16977	.10220	.82962	1.2359	.33792

#1	4162.5	52475.	5384.8	81.525	4753.4
#2	4171.4	52543.	5474.6	79.908	4767.9
#3	4176.4	52581.	5436.1	81.742	4785.6

Sample Name: K2704-08DUP Acquired: 5/8/2019 13:49:04 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10714	-.01326	.07380	.00240	.00039	56.626	.66561
Stddev	.00188	.00122	.00163	.00277	.00129	.175	.00264
%RSD	1.7510	9.2158	2.2112	115.48	331.77	.30862	.39683

#1	.10729	-.01362	.07415	.00049	.00056	56.427	.66264
#2	.10520	-.01426	.07202	.00557	-.00098	56.756	.66653
#3	.10894	-.01190	.07523	.00113	.00158	56.695	.66768

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	-.00368	21.970	.12411	.08567	.21913	140.13
Stddev	.00006	.00007	.041	.00034	.00031	.00120	.14
%RSD	.98931	2.0380	.18630	.27363	.35998	.54869	.10321

#1	.00591	-.00361	21.972	.12420	.08587	.21837	140.08
#2	.00594	-.00376	21.927	.12374	.08531	.22051	140.30
#3	.00583	-.00367	22.009	.12440	.08582	.21850	140.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5211	44.287	.21473	-.01442	1.0170	.23070	.46669
Stddev	.0020	.266	.00079	.00021	.0114	.00019	.00052
%RSD	.13315	.59991	.36656	1.4874	1.1214	.08027	.11222

#1	1.5188	44.005	.21403	-.01465	1.0048	.23073	.46670
#2	1.5224	44.323	.21559	-.01437	1.0274	.23051	.46615
#3	1.5223	44.533	.21458	-.01423	1.0189	.23088	.46720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.439	-.00048	.10364	.77417	1.0765	.00117	5.1190
Stddev	.178	.00048	.00806	.00614	.0124	.00096	.0069
%RSD	.79231	98.874	7.7764	.79347	1.1474	82.024	.13381

#1	22.242	-.00007	.10264	.77203	1.0678	.00227	5.1149
#2	22.490	-.00038	.09613	.76938	1.0906	.00075	5.1269
#3	22.586	-.00100	.11215	.78109	1.0711	.00049	5.1151

Sample Name: K2704-08DUP Acquired: 5/8/2019 13:49:04 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1(35-37)D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09720	7.358	-.07999	.86431	F<.00000
Stddev	.00088	.012	.00008	.10612	1.3929
%RSD	.90428	.1608	.10394	12.279	1.7660

#1	.09620	7.348	-.08003	.77238	-79.830
#2	.09788	7.371	-.08005	.98045	-77.275
#3	.09750	7.354	-.07989	.84009	-79.516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4395.5	55750.	6031.1	79.393	4278.5
Stddev	11.7	66.	32.1	.104	7.5
%RSD	.26683	.11870	.53254	.13082	.17485

#1	4408.9	55825.	5995.9	79.505	4287.1
#2	4390.6	55700.	6058.8	79.299	4274.8
#3	4387.0	55724.	6038.8	79.374	4273.7

Sample Name: K2704-08LX5 Acquired: 5/8/2019 13:53:25 Type: Unk
Method: P4-ICP2(v3101) 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	.02707	-.00164	.01142	.00011	.00003	12.585	.15035
Stddev	.00063	.00106	.00028	.00164	.00114	.104	.00063
%RSD	2.3331	64.297	2.4716	1528.5	3754.9	.82950	.42230

#1	.02728	-.00247	.01115	.00139	.00130	12.534	.15028
#2	.02636	-.00200	.01141	.00067	-.00033	12.706	.15102
#3	.02756	-.00045	.01171	-.00174	-.00088	12.517	.14976

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	-.00157	5.0226	.02717	.01767	.04981	34.409
Stddev	.00010	.00007	.0266	.00021	.00015	.00053	.071
%RSD	8.8738	4.5358	.52896	.78682	.85561	1.0719	.20493

#1	.00119	-.00151	5.0166	.02702	.01756	.05003	34.462
#2	.00100	-.00165	4.9996	.02742	.01761	.04920	34.436
#3	.00106	-.00156	5.0517	.02708	.01785	.05020	34.329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34606	9.9084	.04334	-.00306	.14463	.05109	.09334
Stddev	.00009	.0797	.00020	.00054	.00116	.00050	.00010
%RSD	.02567	.80471	.45010	17.517	.79915	.98209	.10304

#1	.34608	9.8394	.04331	-.00317	.14348	.05156	.09342
#2	.34596	9.9957	.04317	-.00247	.14461	.05114	.09323
#3	.34614	9.8900	.04355	-.00353	.14579	.05056	.09338

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8596	-.00009	.02518	.15422	.32009	-.00209	1.1662
Stddev	.0220	.00031	.01555	.00543	.00630	.00109	.0040
%RSD	.45186	328.12	61.752	3.5230	1.9679	52.443	.34627

#1	4.8526	-.00034	.00797	.16047	.32648	-.00101	1.1631
#2	4.8842	-.00020	.02935	.15058	.31991	-.00319	1.1708
#3	4.8420	.00025	.03822	.15162	.31388	-.00206	1.1647

Sample Name: K2704-08LX5 Acquired: 5/8/2019 13:53:25 Type: Unk
Method: P4-ICP2(v3101) 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	.01789	1.497	-.02123	3.6288	F<.00000
Stddev	.00090	.003	.00013	.2714	.85842
%RSD	5.0333	.2179	.60845	7.4786	8.0978
#1	.01687	1.499	-.02124	3.5019	-10.401
#2	.01824	1.493	-.02135	3.9404	-11.541
#3	.01856	1.498	-.02109	3.4441	-9.8597
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4199.0	52957.	5634.3	82.678	4545.6
Stddev	9.4	252.	25.0	2.463	12.1
%RSD	.22372	.47532	.44359	2.9792	.26605
#1	4194.7	52956.	5607.2	80.308	4532.2
#2	4192.5	52705.	5639.4	85.225	4549.2
#3	4209.8	53209.	5656.4	82.500	4555.5

Sample Name: K2704-08MS Acquired: 5/8/2019 13:57:48 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83038	2.0212	1.0808	1.8122	.20702	62.792	.87849
Stddev	.00343	.0024	.0009	.0062	.00153	.391	.00597
%RSD	.41291	.12000	.08702	.34076	.74144	.62256	.67995

#1	.82728	2.0223	1.0817	1.8051	.20853	62.349	.87176
#2	.82980	2.0184	1.0798	1.8155	.20546	63.091	.88315
#3	.83406	2.0228	1.0809	1.8160	.20707	62.934	.88056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19177	.19802	24.332	.50604	.29088	.50815	145.10
Stddev	.00028	.00071	.056	.00034	.00068	.00281	.57
%RSD	.14597	.36101	.23083	.06763	.23208	.55358	.39090

#1	.19183	.19826	24.268	.50643	.29117	.50584	144.46
#2	.19147	.19722	24.374	.50577	.29010	.50732	145.31
#3	.19202	.19859	24.354	.50593	.29136	.51128	145.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7691	43.760	.69195	.05148	3.7979	.51351	.66506
Stddev	.0039	.165	.00147	.00060	.0211	.00228	.00166
%RSD	.22220	.37745	.21263	1.1662	.55456	.44396	.24938

#1	1.7650	43.683	.69217	.05216	3.7778	.51166	.66697
#2	1.7728	43.649	.69039	.05101	3.7961	.51605	.66417
#3	1.7697	43.950	.69331	.05129	3.8198	.51281	.66403

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.534	.34951	.36784	.91951	1.2115	.65678	5.8222
Stddev	.243	.00018	.01082	.00206	.0198	.00065	.0170
%RSD	.74762	.05268	2.9402	.22456	1.6361	.09877	.29126

#1	32.269	.34934	.38030	.92126	1.2344	.65603	5.8059
#2	32.586	.34950	.36244	.92004	1.2002	.65715	5.8210
#3	32.747	.34970	.36080	.91724	1.1999	.65715	5.8398

Sample Name: K2704-08MS Acquired: 5/8/2019 13:57:48 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29294	F 13.06	.10408	.92816	F<.00000
Stddev	.00241	.03	.00097	.35409	.18315
%RSD	.82284	.2012	.93546	38.150	.21449
#1	.29407	13.08	.10520	.56248	-85.411
#2	.29457	13.07	.10342	1.2694	-85.560
#3	.29017	13.03	.10363	.95259	-85.196
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4368.6	55044.	5916.1	77.801	4217.3
Stddev	2.2	66.	34.4	1.648	6.9
%RSD	.04941	.11944	.58215	2.1188	.16427
#1	4369.4	55068.	5876.4	75.971	4209.9
#2	4370.3	54969.	5934.0	79.169	4218.5
#3	4366.2	55094.	5937.9	78.262	4223.6

Sample Name: K2704-08MSD Acquired: 5/8/2019 14:01:59 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82424	2.0169	1.0742	1.8139	.20376	62.765	.87142
Stddev	.00271	.0032	.0013	.0057	.00123	.300	.00277
%RSD	.32876	.15679	.11815	.31303	.60331	.47810	.31737

#1	.82610	2.0136	1.0731	1.8080	.20296	62.435	.86825
#2	.82113	2.0174	1.0738	1.8193	.20517	62.839	.87331
#3	.82550	2.0199	1.0756	1.8144	.20314	63.021	.87272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19130	.19596	24.151	.50598	.28956	.50602	144.19
Stddev	.00048	.00130	.039	.00142	.00080	.00116	.92
%RSD	.25296	.66351	.16134	.27968	.27723	.22867	.63603

#1	.19101	.19579	24.187	.50497	.28894	.50612	143.28
#2	.19185	.19734	24.110	.50760	.29046	.50712	145.11
#3	.19103	.19476	24.155	.50538	.28926	.50481	144.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7608	43.718	.69323	.05019	3.8168	.51210	.65621
Stddev	.0044	.164	.00258	.00051	.0210	.00165	.00108
%RSD	.25060	.37509	.37237	1.0204	.55105	.32263	.16444

#1	1.7608	43.737	.69026	.04976	3.7947	.51234	.65744
#2	1.7653	43.871	.69498	.05006	3.8366	.51362	.65578
#3	1.7564	43.545	.69444	.05075	3.8191	.51034	.65542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.666	.35121	.35520	.86278	1.3409	.65510	5.8785
Stddev	.167	.00107	.00495	.00369	.0188	.00095	.0181
%RSD	.51173	.30498	1.3924	.42751	1.4035	.14508	.30707

#1	32.525	.35000	.34967	.86628	1.3458	.65527	5.8642
#2	32.851	.35203	.35921	.85893	1.3567	.65596	5.8988
#3	32.623	.35160	.35670	.86314	1.3201	.65408	5.8724

Sample Name: K2704-08MSD Acquired: 5/8/2019 14:01:59 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29398	F 13.01	.10663	.88828	F<.00000
Stddev	.00228	.02	.00199	.37373	1.8213
%RSD	.77479	.1907	1.8682	42.074	2.1645

#1	.29229	13.03	.10864	1.0091	-86.126
#2	.29307	12.98	.10466	1.1867	-83.768
#3	.29657	13.01	.10658	.46908	-82.542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4366.4	54804.	5862.5	76.046	4236.6
Stddev	17.0	144.	14.2	2.216	13.0
%RSD	.38826	.26222	.24248	2.9137	.30607

#1	4352.5	54903.	5847.2	78.605	4225.5
#2	4361.5	54639.	5864.9	74.789	4233.3
#3	4385.3	54871.	5875.3	74.746	4250.9

Sample Name: K2704-08A Acquired: 5/8/2019 14:06:08 Type: Unk
 Method: P4-ICP2(v3101) 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	.81675	2.0119	1.0689	1.8094	.20050	62.318	.85967	.19094
Stddev	.00207	.0029	.0037	.0033	.00235	.259	.00102	.00046
%RSD	.25308	.14469	.34144	.18273	1.1741	.41503	.11911	.24288
#1	.81742	2.0148	1.0726	1.8119	.20050	62.257	.85851	.19058
#2	.81443	2.0120	1.0653	1.8107	.20285	62.095	.86043	.19077
#3	.81839	2.0090	1.0687	1.8057	.19814	62.602	.86008	.19146
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19546	23.536	.50412	.28863	.50105	142.72	1.7564	43.330
Stddev	.00014	.098	.00227	.00039	.00121	.80	.0036	.161
%RSD	.07097	.41799	.44964	.13664	.24114	.56388	.20327	.37062
#1	.19536	23.619	.50154	.28908	.50243	143.05	1.7543	43.307
#2	.19562	23.562	.50578	.28834	.50052	141.81	1.7606	43.501
#3	.19540	23.427	.50503	.28847	.50020	143.31	1.7545	43.182
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69770	.05015	3.8291	.51023	.65623	32.573	.35029	.35631
Stddev	.00127	.00041	.0045	.00247	.00137	.108	.00094	.01779
%RSD	.18212	.82097	.11647	.48388	.20844	.33129	.26890	4.9919
#1	.69904	.04999	3.8281	.50787	.65781	32.458	.35134	.33698
#2	.69755	.04984	3.8252	.51279	.65556	32.587	.35004	.35998
#3	.69652	.05062	3.8340	.51002	.65533	32.672	.34950	.37198
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80480	1.2608	.65577	5.9014	.29336	12.94	.10610	.81781
Stddev	.00539	.0105	.00236	.0086	.00282	.03	.00115	.07471
%RSD	.66977	.83044	.35957	.14664	.95985	.2123	1.0873	9.1350
#1	.81083	1.2722	.65321	5.8934	.29428	12.97	.10722	.89871
#2	.80311	1.2586	.65784	5.9001	.29020	12.94	.10616	.75142
#3	.80046	1.2515	.65626	5.9106	.29560	12.91	.10492	.80331

Sample Name: K2704-08A Acquired: 5/8/2019 14:06:08 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.30050
%RSD	.35971

#1	-83.569
#2	-83.824
#3	-83.225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4383.4	55042.	5904.7	77.219	4249.4
Stddev	12.3	151.	41.9	2.605	14.1
%RSD	.27953	.27360	.71021	3.3737	.33295

#1	4370.9	54911.	5856.3	74.774	4233.3
#2	4395.4	55207.	5929.3	79.959	4259.6
#3	4383.9	55010.	5928.5	76.925	4255.5

Sample Name: PB119531BL Acquired: 5/8/2019 14:10:17 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119531BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	.00040	-.00281	-.00388	-.00014	-.01584	-.00014	-.00006
Stddev	.00163	.00094	.00076	.00158	.00063	.00616	.00028	.00007
%RSD	172.41	233.83	27.137	40.730	451.20	38.899	208.32	123.23

#1	-.00124	.00087	-.00197	-.00391	.00057	-.01245	.00019	.00002
#2	-.00240	-.00068	-.00346	-.00229	-.00064	-.01212	-.00029	-.00010
#3	.00081	.00102	-.00300	-.00545	-.00035	-.02295	-.00031	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00235	-.00043	.00012	-.00042	-.00223	-.00028	.03190
Stddev	.00006	.00693	.00061	.00004	.00028	.00037	.00002	.04007
%RSD	73.682	294.93	143.67	36.806	66.146	16.710	7.1471	125.63

#1	-.00004	-.01013	-.00071	.00008	-.00023	-.00180	-.00029	.07295
#2	-.00014	.00313	-.00084	.00016	-.00029	-.00239	-.00030	-.00711
#3	-.00004	-.00005	.00028	.00011	-.00074	-.00249	-.00026	.02985

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00017	-.10465	-.00011	-.00267	-.18568	.00015	.00116
Stddev	.00009	.00015	.00323	.00032	.00006	.01343	.00018	.00924
%RSD	42.104	88.541	3.0838	291.03	2.1590	7.2309	116.80	794.83

#1	.00031	-.00000	-.10821	.00018	-.00262	-.18941	.00036	-.00939
#2	.00017	.00024	-.10381	-.00046	-.00266	-.19684	.00006	.00505
#3	.00014	.00028	-.10192	-.00005	-.00274	-.17078	.00004	.00783

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00378	-.00118	-.00217	.00221	-.00526	-.0000	-.00017	2.3639
Stddev	.00149	.00102	.00041	.00097	.00218	.0015	.00005	.1616
%RSD	39.409	85.764	19.085	44.094	41.366	6288.	30.911	6.8345

#1	-.00458	-.00233	-.00174	.00317	-.00288	.0015	-.00018	2.2816
#2	-.00206	-.00082	-.00221	.00223	-.00576	-.0015	-.00012	2.2600
#3	-.00470	-.00040	-.00257	.00122	-.00715	-.0001	-.00022	2.5500

Sample Name: PB119531BL Acquired: 5/8/2019 14:10:17 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119531BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1024
Stddev	1.1152
%RSD	101.16

#1	.40173
#2	2.3884
#3	.51714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.7	52760.	5403.0	80.017	4791.0
Stddev	4.7	244.	16.9	1.212	5.5
%RSD	.11105	.46302	.31262	1.5148	.11550

#1	4194.7	52538.	5398.7	79.192	4786.8
#2	4186.3	52720.	5388.6	79.450	4789.0
#3	4194.0	53022.	5421.6	81.408	4797.3

Sample Name: PB119531BS Acquired: 5/8/2019 14:14:44 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119531BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69349	1.8455	.88764	1.7697	.71538	1.7485	.18215
Stddev	.00238	.0013	.00387	.0027	.00089	.0158	.00166
%RSD	.34276	.07089	.43646	.15092	.12402	.90333	.91110

#1	.69222	1.8465	.88423	1.7690	.71475	1.7428	.18254
#2	.69202	1.8459	.88685	1.7674	.71500	1.7664	.18359
#3	.69623	1.8440	.89186	1.7726	.71640	1.7364	.18034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17632	.17562	1.0030	.39041	.18308	.29240	2.9325
Stddev	.00044	.00050	.0100	.00108	.00081	.00080	.0030
%RSD	.24749	.28654	.99990	.27642	.44318	.27514	.10253

#1	.17653	.17509	.99265	.39100	.18222	.29186	2.9322
#2	.17661	.17567	1.0036	.39107	.18321	.29202	2.9356
#3	.17582	.17610	1.0127	.38916	.18382	.29333	2.9297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19467	1.8362	.46161	.06521	2.7033	.29335	.17051
Stddev	.00080	.0411	.00045	.00033	.0316	.00022	.00066
%RSD	.40987	2.2401	.09753	.50211	1.1705	.07429	.38869

#1	.19444	1.8837	.46110	.06545	2.6966	.29356	.16985
#2	.19556	1.8132	.46196	.06534	2.7377	.29336	.17050
#3	.19402	1.8118	.46176	.06484	2.6755	.29312	.17117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9455	.38341	.26814	F .31653	.82618	.61162	.18981
Stddev	.1345	.00089	.00223	.01131	.00741	.00123	.00188
%RSD	1.5031	.23142	.83321	3.5727	.89728	.20136	.99165

#1	8.9753	.38255	.26871	.30629	.82214	.61220	.19072
#2	9.0626	.38338	.27004	.31464	.82167	.61021	.19106
#3	8.7987	.38432	.26568	.32867	.83474	.61246	.18764

Sample Name: PB119531BS Acquired: 5/8/2019 14:14:44 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119531BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18765	4.881	.18938	F 2.8756	F<.00000
Stddev	.00094	.006	.00030	.2474	.54094
%RSD	.49959	.1219	.15782	8.6041	17.047

#1	.18873	4.877	.18963	2.8804	-3.2402
#2	.18719	4.888	.18946	3.1205	-3.6776
#3	.18704	4.878	.18905	2.6258	-2.6020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4137.8	52505.	5368.4	78.956	4681.1
Stddev	9.1	137.	27.6	1.623	7.7
%RSD	.21914	.26166	.51400	2.0557	.16526

#1	4127.8	52377.	5374.1	78.742	4673.1
#2	4140.3	52487.	5392.6	80.675	4681.7
#3	4145.5	52650.	5338.3	77.450	4688.6

Sample Name: PB119544BL Acquired: 5/8/2019 14:18:51 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119544BL 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	.00105	-.00395	-.00130	.00083	-.01655	-.00008	-.00002
Stddev	.00250	.00046	.00048	.00047	.00057	.00688	.00054	.00005
%RSD	468.78	43.832	12.217	36.271	68.825	41.574	641.24	298.22
#1	-.00071	.00150	-.00349	-.00175	.00076	-.01331	-.00069	-.00008
#2	-.00110	.00057	-.00445	-.00133	.00030	-.02446	.00031	-.00000
#3	.00341	.00109	-.00391	-.00081	.00144	-.01189	.00014	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.02855	-.00045	.00012	-.00072	-.00371	-.00020	.01405
Stddev	.00005	.02155	.00007	.00025	.00023	.00064	.00005	.00780
%RSD	206.27	75.456	15.271	206.31	32.286	17.394	26.375	55.526
#1	-.00003	.04205	-.00042	-.00001	-.00063	-.00296	-.00014	.01607
#2	.00003	.03990	-.00040	.00041	-.00055	-.00412	-.00021	.00544
#3	-.00006	.00371	-.00052	-.00004	-.00099	-.00404	-.00025	.02065
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00009	-.10871	-.00038	-.00239	-.21529	.00020	.00036
Stddev	.00022	.00031	.00403	.00026	.00011	.02836	.00008	.00785
%RSD	439.46	335.36	3.7111	68.212	4.5276	13.172	38.168	2162.1
#1	.00030	-.00032	-.10429	-.00015	-.00231	-.21213	.00027	.00898
#2	-.00002	.00026	-.11220	-.00066	-.00236	-.18864	.00012	-.00639
#3	-.00013	-.00022	-.10964	-.00033	-.00252	-.24509	.00022	-.00150
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00263	-.00195	-.00275	.00135	-.00489	-.0006	-.00012	F 2.9843
Stddev	.00400	.00250	.00034	.00169	.00096	.0013	.00002	.0572
%RSD	152.18	128.19	12.199	125.37	19.720	228.4	18.602	1.9180
#1	.00189	-.00344	-.00278	.00322	-.00378	-.0006	-.00010	3.0062
#2	-.00407	.00094	-.00306	-.00005	-.00545	.0007	-.00011	2.9194
#3	-.00571	-.00335	-.00240	.00087	-.00545	-.0018	-.00014	3.0274

Sample Name: PB119544BL Acquired: 5/8/2019 14:18:51 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119544BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.5841
 Stddev .5214
 %RSD 32.914

#1 2.0610
 #2 1.6640
 #3 1.0274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.0	53155.	5432.1	80.978	4784.7
Stddev	11.1	188.	24.5	2.087	10.6
%RSD	.26617	.35352	.45016	2.5777	.22107

#1	4194.2	52938.	5418.4	78.742	4791.1
#2	4194.7	53265.	5460.3	81.317	4790.5
#3	4175.1	53261.	5417.5	82.875	4772.5

Sample Name: PB119544BS Acquired: 5/8/2019 14:23:18 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119544BS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69678	1.8504	.88847	1.7787	.72100	1.7348	.18412
Stddev	.00500	.0021	.00282	.0034	.00207	.0076	.00031
%RSD	.71715	.11577	.31753	.19085	.28730	.43867	.16879

#1	.69889	1.8500	.88521	1.7749	.71875	1.7427	.18443
#2	.69107	1.8485	.89002	1.7798	.72142	1.7276	.18381
#3	.70037	1.8528	.89017	1.7814	.72282	1.7340	.18414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17488	.17622	1.0021	.38672	.18306	.29065	2.9135
Stddev	.00028	.00039	.0198	.00067	.00044	.00043	.0026
%RSD	.16269	.22222	1.9794	.17412	.24211	.14918	.09056

#1	.17491	.17596	.98256	.38635	.18298	.29103	2.9113
#2	.17515	.17603	1.0222	.38631	.18266	.29018	2.9164
#3	.17458	.17667	1.0016	.38750	.18354	.29075	2.9129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19405	1.8345	.46337	.06468	2.7098	.29209	.17950
Stddev	.00045	.0401	.00071	.00094	.0039	.00090	.00230
%RSD	.23194	2.1832	.15375	1.4580	.14336	.30758	1.2795

#1	.19372	1.8551	.46320	.06569	2.7059	.29114	.17693
#2	.19388	1.8601	.46276	.06452	2.7137	.29221	.18134
#3	.19456	1.7883	.46416	.06382	2.7098	.29292	.18024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9509	.38760	.26174	F -.00642	.81211	.61691	.18966
Stddev	.0649	.00124	.01400	.00107	.00118	.00102	.00163
%RSD	.72445	.31868	5.3499	16.740	.14507	.16471	.86167

#1	8.9139	.38658	.27779	-.00518	.81113	.61621	.19155
#2	8.9130	.38724	.25199	-.00707	.81342	.61644	.18870
#3	9.0258	.38897	.25545	-.00701	.81179	.61807	.18873

Sample Name: PB119544BS Acquired: 5/8/2019 14:23:18 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119544BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18384	4.929	.18882	F 2.9138	F<.00000
Stddev	.00155	.002	.00027	.2784	1.0829
%RSD	.84290	.0447	.14069	9.5563	22.242
#1	.18313	4.927	.18870	2.6031	-4.5793
#2	.18562	4.928	.18912	3.1407	-6.0666
#3	.18278	4.931	.18863	2.9975	-3.9596
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4162.2	53263.	5499.9	79.725	4693.1
Stddev	16.5	195.	22.5	1.761	20.2
%RSD	.39688	.36582	.40943	2.2088	.43102
#1	4152.0	53038.	5482.8	78.700	4679.3
#2	4153.3	53370.	5491.4	78.717	4683.7
#3	4181.3	53382.	5525.4	81.758	4716.3

Sample Name: PB119544TB Acquired: 5/8/2019 14:27:25 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8186 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.00403	-.00497	-.00160	-.00023	-.00909	-.00024	-.00008
Stddev	.00039	.00060	.00041	.00133	.00080	.01165	.00067	.00006
%RSD	27.946	14.858	8.2387	83.448	345.61	128.18	278.44	85.576
#1	-.00159	-.00346	-.00518	-.00308	.00068	-.02209	-.00013	-.00000
#2	-.00096	-.00465	-.00450	-.00122	-.00059	.00043	.00037	-.00011
#3	-.00169	-.00399	-.00524	-.00049	-.00079	-.00562	-.00097	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.02386	.00019	-.00023	-.00033	.00114	-.00003	.00981
Stddev	.00008	.00755	.00034	.00023	.00045	.00066	.00008	.01151
%RSD	31.056	31.618	175.33	97.518	133.88	58.134	242.80	117.37
#1	-.00020	.01692	-.00002	-.00039	.00018	.00038	.00004	.00531
#2	-.00034	.02278	.00059	.00003	-.00057	.00155	-.00002	.00123
#3	-.00021	.03189	.00002	-.00034	-.00061	.00149	-.00011	.02289
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	.00124	F 331.20	-.00028	-.00088	-.11123	.00024	.00722
Stddev	.00015	.00049	3.37	.00045	.00009	.01698	.00007	.01522
%RSD	14.959	39.976	1.0187	158.88	10.634	15.264	29.832	210.88
#1	.00106	.00170	327.34	.00022	-.00088	-.10995	.00032	.01193
#2	.00083	.00129	332.70	-.00065	-.00079	-.09493	.00022	-.00980
#3	.00110	.00072	333.57	-.00043	-.00098	-.12881	.00018	.01953
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01406	.00349	-.00302	.00191	-.00190	.0006	-.00018	5.1600
Stddev	.00346	.00208	.00114	.00270	.00098	.0014	.00009	.2037
%RSD	24.617	59.537	37.658	141.43	51.435	234.4	51.496	3.9466
#1	.01106	.00588	-.00424	.00181	-.00289	.0019	-.00010	5.0718
#2	.01785	.00239	-.00198	.00466	-.00187	-.0008	-.00016	5.3929
#3	.01328	.00219	-.00286	-.00074	-.00094	.0007	-.00028	5.0153

Sample Name: PB119544TB Acquired: 5/8/2019 14:27:25 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8186 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9031
Stddev	1.0966
%RSD	28.096

#1	4.3865
#2	4.6749
#3	2.6478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3921.9	49000.	5456.3	80.233	4157.5
Stddev	19.2	49.	37.5	.142	14.9
%RSD	.48971	.10091	.68641	.17657	.35901

#1	3925.2	49035.	5419.2	80.375	4158.2
#2	3901.3	48944.	5494.1	80.233	4142.3
#3	3939.3	49023.	5455.8	80.092	4172.1

Sample Name: CCV03 Acquired: 5/8/2019 14:32:02 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14925 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9636	5.0714	4.9311	5.0239	4.9526	9.7598	9.9360	.25282	2.4968
Stddev	.0071	.0021	.0107	.0127	.0134	.0311	.0218	.00079	.0020
%RSD	.14263	.04225	.21681	.25173	.27077	.31904	.21943	.31169	.08045
#1	4.9574	5.0738	4.9264	5.0166	4.9395	9.7656	9.9608	.25194	2.4961
#2	4.9621	5.0706	4.9433	5.0385	4.9663	9.7262	9.9199	.25347	2.4990
#3	4.9713	5.0698	4.9236	5.0166	4.9520	9.7877	9.9274	.25304	2.4952
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.590	1.0126	2.4896	1.2545	5.0951	2.5522	24.781	2.5269	1.2531
Stddev	.072	.0016	.0028	.0026	.0105	.0043	.105	.0017	.0016
%RSD	.28219	.15507	.11113	.20944	.20694	.16652	.42231	.06694	.12980
#1	25.510	1.0144	2.4880	1.2539	5.0829	2.5516	24.663	2.5249	1.2517
#2	25.607	1.0118	2.4927	1.2574	5.1014	2.5567	24.863	2.5277	1.2549
#3	25.652	1.0116	2.4879	1.2523	5.1009	2.5483	24.815	2.5280	1.2527
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.035	2.5581	2.4757	24.979	5.0336	5.0440	4.9718	4.9247	5.0002
Stddev	.040	.0050	.0016	.077	.0104	.0566	.0028	.0137	.0046
%RSD	.16091	.19496	.06577	.30684	.20717	1.1217	.05702	.27778	.09195
#1	25.075	2.5593	2.4745	25.048	5.0345	5.0566	4.9749	4.9135	4.9990
#2	25.036	2.5624	2.4776	24.897	5.0435	4.9822	4.9695	4.9400	5.0053
#3	24.995	2.5526	2.4751	24.991	5.0227	5.0932	4.9709	4.9208	4.9963
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0467	4.9867	5.142	5.0812	4.8143	4.7403			
Stddev	.0070	.0263	.012	.0184	.1476	.8009			
%RSD	.13872	.52734	.2360	.36246	3.0663	16.895			
#1	5.0415	5.0171	5.130	5.1015	4.6696	5.1030			
#2	5.0439	4.9731	5.154	5.0765	4.9647	3.8222			
#3	5.0547	4.9700	5.141	5.0656	4.8088	5.2956			

Sample Name: CCV03 Acquired: 5/8/2019 14:32:02 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14925 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	4044.9	51101.	5510.1	80.330	4244.9
Stddev	9.1	181.	22.2	2.093	6.1
%RSD	.22573	.35330	.40353	2.6050	.14379
#1	4045.5	50942.	5492.1	78.133	4246.8
#2	4035.5	51064.	5503.2	80.556	4238.1
#3	4053.7	51297.	5535.0	82.300	4249.9

Sample Name: CCB03 Acquired: 5/8/2019 14:36:01 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14925 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00017	-.00346	.00050	-.00130	-.01833	-.00023	.00000
Stddev	.00146	.00068	.00038	.00137	.00024	.00720	.00061	.00005
%RSD	218.78	410.66	11.058	275.71	18.276	39.294	271.80	7940.6
#1	-.00157	.00046	-.00325	-.00094	-.00115	-.01496	.00015	.00003
#2	-.00146	.00065	-.00390	.00179	-.00118	-.02660	.00010	.00003
#3	.00102	-.00061	-.00323	.00064	-.00158	-.01344	-.00093	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00570	-.00036	.00011	-.00083	-.00517	-.00030	-.02687
Stddev	.00004	.01221	.00005	.00010	.00036	.00022	.00006	.01653
%RSD	187.38	214.39	14.688	90.665	43.154	4.3061	19.006	61.526
#1	-.00001	.00526	-.00039	.00002	-.00123	-.00541	-.00028	-.04289
#2	.00001	.01812	-.00030	.00021	-.00058	-.00511	-.00037	-.02782
#3	-.00007	-.00629	-.00039	.00009	-.00066	-.00498	-.00026	-.00988
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00018	-.05695	-.00039	-.00262	-.21626	.00049	.00329
Stddev	.00018	.00020	.00366	.00019	.00005	.01381	.00005	.00983
%RSD	290.68	110.36	6.4264	49.019	2.0129	6.3881	9.4347	298.45
#1	-.00024	-.00032	-.06114	-.00059	-.00262	-.22870	.00044	-.00098
#2	-.00007	.00005	-.05441	-.00034	-.00256	-.21869	.00050	-.00367
#3	.00012	-.00027	-.05530	-.00023	-.00267	-.20139	.00053	.01453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	.00172	-.00051	.00285	-.00003	.0008	-.00013	F 3.0054
Stddev	.00094	.00027	.00054	.00211	.00195	.0006	.00002	.1212
%RSD	32.751	15.700	105.89	73.824	7112.2	75.86	14.296	4.0329
#1	-.00376	.00203	.00001	.00217	-.00216	.0006	-.00011	2.9381
#2	-.00188	.00159	-.00046	.00522	.00043	.0014	-.00014	3.1453
#3	-.00298	.00153	-.00107	.00118	.00165	.0003	-.00014	2.9327

Sample Name: CCB03 Acquired: 5/8/2019 14:36:01 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14925 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3574
Stddev 1.1117
%RSD 47.156

#1 3.5031
#2 1.2832
#3 2.2859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4212.0	53434.	5512.9	82.203	4792.9
Stddev	2.1	273.	10.9	1.726	3.7
%RSD	.04893	.51058	.19750	2.0998	.07632

#1	4209.7	53441.	5520.0	80.892	4789.7
#2	4213.6	53157.	5518.3	81.558	4792.0
#3	4212.7	53703.	5500.3	84.158	4796.8

Sample Name: LR CHECK 1 Acquired: 5/8/2019 14:43:03 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8186 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02799	.07304	-.15600	-.13953	.02554	2095.0	-.00334	.02590
Stddev	.01114	.00564	.00532	.00800	.00591	5.0	.00059	.00052
%RSD	39.799	7.7198	3.4102	5.7359	23.143	.24008	17.513	2.0177

#1	.04002	.06713	-.15130	-.14408	.03193	2097.4	-.00368	.02646
#2	.01803	.07363	-.15492	-.13029	.02442	2089.3	-.00267	.02579
#3	.02593	.07837	-.16177	-.14423	.02027	2098.5	-.00368	.02543

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00783	1891.4	-.09008	.04451	.71699	828.06	-.00632	1882.6
Stddev	.00055	6.3	.00133	.00065	.00151	2.95	.00030	4.9
%RSD	6.9828	.33377	1.4733	1.4627	.21040	.35673	4.8121	.25822

#1	.00757	1890.5	-.08855	.04412	.71695	825.22	-.00602	1877.3
#2	.00746	1885.6	-.09076	.04526	.71551	831.12	-.00633	1883.8
#3	.00846	1898.1	-.09092	.04414	.71852	827.85	-.00663	1886.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04882	-.13017	1667.2	.00779	.00509	958.73	-.02990	.23223
Stddev	.00101	.00209	13.5	.00031	.00083	2.16	.00060	.02356
%RSD	2.0707	1.6052	.81181	3.9865	16.287	.22581	2.0052	10.145

#1	-.04913	-.13237	1682.3	.00796	.00580	961.22	-.03058	.22413
#2	-.04964	-.12822	1663.3	.00743	.00418	957.60	-.02948	.25877
#3	-.04769	-.12991	1656.1	.00797	.00530	957.36	-.02963	.21379

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50237	.00228	.00435	-.05822	.13641	.1488	-.89598	5.9732
Stddev	.00722	.00152	.00322	.00228	.00197	.0010	.00324	.0165
%RSD	1.4381	66.470	73.900	3.9190	1.4465	.6870	.36214	.27617

#1	.51040	.00053	.00528	-.06042	.13828	.1492	-.89275	5.9671
#2	.50032	.00326	.00077	-.05838	.13435	.1477	-.89924	5.9918
#3	.49639	.00305	.00700	-.05587	.13661	.1497	-.89596	5.9605

Sample Name: LR CHECK 1 Acquired: 5/8/2019 14:43:03 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8186 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 6.4847
 %RSD 1.2832

#1 -499.70
 #2 -512.42
 #3 -503.88

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2861.0	35363.	4749.9	61.161	2493.2
Stddev	13.9	6.	8.7	.736	8.1
%RSD	.48566	.01793	.18333	1.2040	.32425

#1	2866.0	35370.	4757.6	60.363	2494.3
#2	2871.8	35357.	4740.5	61.814	2500.7
#3	2845.4	35363.	4751.7	61.307	2484.6

Sample Name: LR CHECK 2 Acquired: 5/8/2019 14:48:06 Type: Unk
Method: P4-ICP2(v3101) 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	.00058	-.00959	246.56	.03399	-.05046	-.23579	95.752	-.00111
Stddev	.00037	.00135	.06	.00311	.00216	.00697	1.423	.00008
%RSD	63.995	14.050	.02251	9.1359	4.2846	2.9539	1.4860	7.3018

#1	.00069	-.00810	246.59	.03625	-.04816	-.23055	95.032	-.00106
#2	.00016	-.01072	246.60	.03527	-.05075	-.23312	94.833	-.00108
#3	.00087	-.00996	246.50	.03045	-.05246	-.24369	97.391	-.00121

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01196	.20795	-.13536	-.00504	231.50	-.77454	40.743	-.07789
Stddev	.00010	.00457	.00019	.00023	.73	.00293	.101	.03902
%RSD	.83442	2.1987	.13869	4.5618	.31614	.37869	.24855	50.093

#1	-.01186	.21319	-.13558	-.00480	230.98	-.77128	40.632	-.07077
#2	-.01206	.20581	-.13525	-.00507	232.34	-.77539	40.765	-.04292
#3	-.01197	.20483	-.13526	-.00526	231.20	-.77696	40.831	-.11998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.695	.00444	.71142	-.20847	32.112	.84728	-.01612	-.00316
Stddev	.007	.00046	.04742	.00158	.146	.09670	.00008	.00387
%RSD	.01446	10.301	6.6656	.75803	.45455	11.413	.47671	122.55

#1	48.688	.00482	.75755	-.20811	31.982	.94718	-.01609	.00084
#2	48.696	.00455	.71391	-.20710	32.084	.84053	-.01621	-.00689
#3	48.702	.00393	.66280	-.21020	32.270	.75413	-.01607	-.00342

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10921	.01025	-.00456	.02230	-.00401	.1912	.00214	3.8911
Stddev	.00667	.00142	.00109	.00039	.00171	.0093	.00004	.1708
%RSD	6.1092	13.853	23.836	1.7424	42.556	4.866	1.9402	4.3883

#1	.10196	.00863	-.00568	.02272	-.00534	.2013	.00216	3.9592
#2	.11509	.01129	-.00350	.02222	-.00460	.1829	.00210	4.0173
#3	.11060	.01082	-.00451	.02195	-.00209	.1895	.00217	3.6968

Sample Name: LR CHECK 2 Acquired: 5/8/2019 14:48:06 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2833
Stddev	.9135
%RSD	71.186

#1	.33368
#2	1.3604
#3	2.1559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.1	54489.	5644.5	82.167	4473.7
Stddev	2.2	58.	50.3	2.036	7.1
%RSD	.06341	.10727	.89118	2.4782	.15778

#1	3493.7	54509.	5599.9	80.625	4480.2
#2	3492.1	54535.	5634.6	84.475	4466.2
#3	3496.5	54423.	5699.0	81.400	4474.7

Sample Name: K2641-01 Acquired: 5/8/2019 14:54:08 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05002	-.00687	.36142	-.00170	.00004	110.52	.64907
Stddev	.00237	.00100	.00245	.00204	.00051	.20	.00131
%RSD	4.7287	14.567	.67900	120.14	1442.9	.18460	.20198

#1	.05062	-.00591	.35973	-.00012	.00063	110.64	.65014
#2	.05202	-.00680	.36423	-.00400	-.00026	110.64	.64948
#3	.04741	-.00790	.36030	-.00097	-.00026	110.29	.64761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00783	-.00358	84.274	.17185	.12546	.48137	183.61
Stddev	.00004	.00010	.426	.00039	.00015	.00065	.85
%RSD	.54163	2.8476	.50526	.22813	.11755	.13475	.46411

#1	.00781	-.00366	84.595	.17169	.12541	.48102	184.08
#2	.00788	-.00347	83.791	.17229	.12563	.48097	182.63
#3	.00781	-.00362	84.436	.17156	.12535	.48212	184.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9893	66.062	.19164	-.01955	4.6243	.36405	.76444
Stddev	.0039	.230	.00056	.00004	.0136	.00179	.00014
%RSD	.12957	.34864	.29351	.17998	.29501	.49266	.01881

#1	2.9862	66.040	.19117	-.01959	4.6387	.36215	.76444
#2	2.9880	65.843	.19227	-.01953	4.6115	.36429	.76430
#3	2.9936	66.303	.19148	-.01953	4.6228	.36572	.76459

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.558	.00015	.14303	7.8985	4.2883	.01539	4.1740
Stddev	.073	.00018	.00446	.0273	.0252	.00054	.0181
%RSD	.37320	121.43	3.1152	.34623	.58832	3.5172	.43454

#1	19.627	.00002	.14804	7.9178	4.3137	.01491	4.1685
#2	19.567	.00035	.13951	7.8672	4.2632	.01597	4.1593
#3	19.482	.00007	.14154	7.9104	4.2882	.01527	4.1943

Sample Name: K2641-01 Acquired: 5/8/2019 14:54:08 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12983	7.514	.06576	<.00000	F<.00000
Stddev	.00031	.020	.00033	.15734	.44292
%RSD	.23648	.2658	.50348	31.362	.36063
#1	.12994	7.530	.06585	-.48698	-122.71
#2	.12948	7.492	.06604	-.35221	-122.44
#3	.13006	7.521	.06540	-.66586	-123.30
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4487.9	56758.	6527.5	82.516	4187.4
Stddev	6.5	162.	35.6	1.303	2.8
%RSD	.14400	.28506	.54576	1.5792	.06620
#1	4481.1	56590.	6499.1	81.603	4184.2
#2	4494.0	56913.	6567.4	81.936	4188.5
#3	4488.5	56772.	6515.9	84.008	4189.4

Sample Name: K2641-03 Acquired: 5/8/2019 14:58:30 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08934	-.00320	.36739	-.00389	.00013	127.06	.67987
Stddev	.00038	.00190	.00098	.00213	.00171	.87	.00372
%RSD	.42107	59.398	.26672	54.711	1292.0	.68303	.54741

#1	.08960	-.00102	.36638	-.00199	.00172	126.72	.67766
#2	.08951	-.00411	.36746	-.00619	-.00169	126.41	.67777
#3	.08891	-.00448	.36834	-.00349	.00037	128.04	.68416

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00921	-.00329	113.26	.20085	.11983	.54182	200.11
Stddev	.00018	.00009	.42	.00004	.00069	.00087	.92
%RSD	1.9779	2.7114	.37240	.01784	.57263	.16029	.45792

#1	.00907	-.00327	113.64	.20088	.12041	.54282	201.03
#2	.00915	-.00321	112.80	.20087	.12000	.54134	199.19
#3	.00942	-.00338	113.33	.20081	.11907	.54129	200.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5457	74.571	.19055	-.02192	4.9331	.35869	.73763
Stddev	.0044	.441	.00052	.00009	.0337	.00118	.00068
%RSD	.12426	.59134	.27525	.42237	.68254	.32854	.09173

#1	3.5426	74.306	.19100	-.02197	4.9177	.35867	.73725
#2	3.5507	74.328	.19068	-.02197	4.9099	.35753	.73841
#3	3.5437	75.081	.18998	-.02181	4.9717	.35988	.73723

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.356	.00072	.14123	7.0300	3.7776	.01286	3.5675
Stddev	.101	.00011	.01047	.0295	.0497	.00143	.0199
%RSD	.61901	15.828	7.4123	.41889	1.3154	11.139	.55724

#1	16.326	.00072	.12983	6.9976	3.8348	.01151	3.5769
#2	16.273	.00083	.15042	7.0552	3.7537	.01436	3.5446
#3	16.468	.00060	.14345	7.0370	3.7445	.01271	3.5809

Sample Name: K2641-03 Acquired: 5/8/2019 14:58:30 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15130	8.011	.21357	<.00000	F<.00000
Stddev	.00156	.028	.00134	.10786	.83039
%RSD	1.0303	.3436	.62820	8.7893	.61126
#1	.15048	7.992	.21345	-1.2992	-135.90
#2	.15032	8.042	.21228	-1.1031	-135.00
#3	.15310	7.997	.21496	-1.2791	-136.65
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4461.9	56260.	6424.6	80.633	4135.3
Stddev	2.1	168.	34.1	2.370	1.9
%RSD	.04692	.29857	.53038	2.9397	.04563
#1	4459.6	56140.	6385.5	78.858	4136.2
#2	4462.5	56452.	6448.3	83.325	4133.2
#3	4463.7	56188.	6439.9	79.716	4136.6

Sample Name: K2641-05 Acquired: 5/8/2019 15:02:53 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06843	-.01072	.32385	-.00225	.00029	129.55	.62432
Stddev	.00475	.00231	.00403	.00332	.00206	.54	.00177
%RSD	6.9411	21.573	1.2443	147.23	717.17	.42041	.28415

#1	.06659	-.01321	.32650	-.00577	.00193	129.55	.62333
#2	.06487	-.01031	.31921	.00082	-.00203	130.09	.62637
#3	.07382	-.00864	.32582	-.00181	.00096	129.00	.62326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00909	-.00293	85.071	.19911	.17471	.50538	200.34
Stddev	.00014	.00023	.330	.00062	.00121	.00565	.61
%RSD	1.5416	7.7471	.38825	.30901	.69090	1.1189	.30553

#1	.00921	-.00275	85.085	.19957	.17550	.50736	199.93
#2	.00894	-.00319	85.393	.19934	.17332	.49900	201.04
#3	.00912	-.00286	84.733	.19841	.17530	.50978	200.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3706	86.687	.25022	-.02305	5.1616	.36944	.68820
Stddev	.0049	.427	.00265	.00046	.0270	.00056	.00735
%RSD	.14421	.49259	1.0573	2.0033	.52240	.15046	1.0676

#1	3.3652	86.198	.25117	-.02309	5.1350	.36902	.69127
#2	3.3723	86.879	.24723	-.02256	5.1889	.36923	.67982
#3	3.3745	86.984	.25226	-.02348	5.1609	.37007	.69352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.190	.00319	.13181	F 10.323	3.7077	.02473	5.2153
Stddev	.136	.00015	.01245	.107	.0354	.00076	.0108
%RSD	.61468	4.7562	9.4431	1.0357	.95477	3.0750	.20650

#1	22.172	.00337	.13492	10.362	3.7185	.02501	5.2147
#2	22.335	.00307	.14241	10.202	3.7365	.02387	5.2264
#3	22.064	.00315	.11810	10.405	3.6682	.02531	5.2048

Sample Name: K2641-05 Acquired: 5/8/2019 15:02:53 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17736	8.244	.03417	<.00000	F<.00000
Stddev	.00045	.091	.00075	.07926	1.2488
%RSD	.25634	1.108	2.1981	11.441	.88902
#1	.17683	8.289	.03492	-.78136	-139.34
#2	.17763	8.139	.03416	-.66867	-141.81
#3	.17761	8.304	.03342	-.62846	-140.27
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4488.5	56986.	6476.5	79.226	4138.1
Stddev	35.8	128.	35.1	1.765	26.1
%RSD	.79774	.22410	.54141	2.2271	.63034
#1	4478.0	56972.	6456.3	80.129	4120.8
#2	4528.4	56865.	6456.3	77.193	4168.1
#3	4459.1	57120.	6517.0	80.357	4125.4

Sample Name: K2641-05DUP Acquired: 5/8/2019 15:07:16 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07151	-.00961	.33594	-.00264	.00103	132.07	.63575
Stddev	.00217	.00095	.00136	.00336	.00042	.26	.00231
%RSD	3.0313	9.9162	.40610	127.36	41.291	.19743	.36392

#1	.07100	-.01064	.33455	.00038	.00151	131.77	.63338
#2	.07389	-.00875	.33728	-.00626	.00086	132.19	.63587
#3	.06965	-.00946	.33599	-.00204	.00071	132.24	.63800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00919	-.00265	88.700	.20505	.16062	.46216	208.64
Stddev	.00017	.00010	.583	.00145	.00028	.00184	.44
%RSD	1.8664	3.7586	.65719	.70510	.17165	.39785	.21322

#1	.00902	-.00258	89.146	.20396	.16085	.46285	208.38
#2	.00920	-.00276	88.040	.20669	.16031	.46356	209.16
#3	.00936	-.00260	88.913	.20449	.16069	.46008	208.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5997	86.157	.23764	-.02321	5.4203	.38920	.76331
Stddev	.0058	.073	.00025	.00026	.0179	.00206	.00270
%RSD	.16061	.08463	.10356	1.1000	.33095	.52998	.35373

#1	3.5931	86.131	.23765	-.02337	5.4014	.38739	.76087
#2	3.6036	86.101	.23788	-.02334	5.4372	.38877	.76286
#3	3.6025	86.239	.23738	-.02291	5.4222	.39145	.76621

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.045	.00474	.14927	9.1023	4.0793	.02837	4.9559
Stddev	.090	.00033	.01547	.0473	.0721	.00061	.0111
%RSD	.42854	6.9895	10.361	.51947	1.7664	2.1542	.22415

#1	20.962	.00511	.15665	9.1368	4.0877	.02853	4.9483
#2	21.033	.00466	.13149	9.1217	4.1468	.02769	4.9508
#3	21.141	.00447	.15965	9.0484	4.0034	.02888	4.9686

Sample Name: K2641-05DUP Acquired: 5/8/2019 15:07:16 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17543	9.120	.04670	<.00000	F<.00000
Stddev	.00096	.054	.00142	.22881	1.3330
%RSD	.54977	.5886	3.0461	44.723	.88415
#1	.17440	9.072	.04796	-.70649	-150.97
#2	.17631	9.109	.04516	-.25967	-149.33
#3	.17559	9.178	.04698	-.56868	-151.97
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4497.7	57354.	6517.0	81.155	4110.2
Stddev	10.9	90.	37.1	1.817	2.2
%RSD	.24315	.15641	.56854	2.2392	.05404
#1	4509.2	57451.	6482.8	79.133	4111.6
#2	4487.5	57337.	6556.4	81.684	4107.6
#3	4496.3	57274.	6511.8	82.650	4111.3

Sample Name: K2641-05LX5 Acquired: 5/8/2019 15:11:39 Type: Unk
Method: P4-ICP2(v3101) 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	.01590	-.00188	.07693	.00098	-.00139	28.797	.14046
Stddev	.00236	.00082	.00230	.00370	.00129	.130	.00027
%RSD	14.824	43.396	2.9848	378.10	92.594	.45248	.19579

#1	.01846	-.00114	.07958	.00516	.00010	28.764	.14040
#2	.01381	-.00276	.07565	-.00188	-.00210	28.941	.14021
#3	.01543	-.00174	.07555	-.00034	-.00217	28.687	.14075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	-.00245	20.848	.04661	.03359	.11212	54.629
Stddev	.00013	.00008	.177	.00013	.00020	.00029	.253
%RSD	7.2556	3.1640	.85102	.27092	.58791	.26023	.46255

#1	.00168	-.00254	20.678	.04654	.03377	.11179	54.912
#2	.00185	-.00242	21.032	.04676	.03338	.11233	54.548
#3	.00194	-.00239	20.836	.04653	.03362	.11225	54.426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82893	19.257	.04902	-.00440	1.1635	.08750	.14015
Stddev	.00044	.074	.00021	.00075	.0036	.00016	.00023
%RSD	.05344	.38267	.42259	17.059	.30486	.18189	.16069

#1	.82853	19.260	.04922	-.00415	1.1663	.08768	.14035
#2	.82886	19.330	.04904	-.00380	1.1647	.08740	.14020
#3	.82941	19.183	.04880	-.00524	1.1595	.08741	.13991

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6153	.00104	.03833	1.8375	.91765	.00352	1.1683
Stddev	.0231	.00016	.00465	.0132	.01696	.00033	.0067
%RSD	.49982	15.583	12.135	.71885	1.8477	9.2614	.57766

#1	4.6339	.00118	.04327	1.8424	.93247	.00388	1.1629
#2	4.5895	.00086	.03404	1.8476	.92133	.00344	1.1759
#3	4.6225	.00108	.03768	1.8226	.89916	.00325	1.1661

Sample Name: K2641-05LX5 Acquired: 5/8/2019 15:11:39 Type: Unk
 Method: P4-ICP2(v3101) 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	.03833	1.765	.00317	1.7031	F<.00000
Stddev	.00125	.006	.00045	.2102	.45821
%RSD	3.2638	.3572	14.251	12.341	2.0038
#1	.03696	1.767	.00277	1.8936	-22.950
#2	.03861	1.770	.00366	1.4776	-22.374
#3	.03942	1.758	.00307	1.7380	-23.279
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4274.1	54013.	5821.0	81.544	4515.1
Stddev	3.1	293.	24.1	1.777	5.8
%RSD	.07267	.54222	.41345	2.1797	.12818
#1	4270.6	53720.	5817.4	80.647	4510.1
#2	4276.2	54014.	5798.9	80.394	4513.6
#3	4275.7	54306.	5846.6	83.591	4521.4

Sample Name: K2641-05MS Acquired: 5/8/2019 15:16:04 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70725	1.8343	1.2392	1.5951	.14516	133.96	.93511
Stddev	.00847	.0030	.0022	.0039	.00169	.91	.00599
%RSD	1.1975	.16521	.17380	.24293	1.1663	.67733	.64105

#1	.70377	1.8313	1.2374	1.5917	.14710	132.94	.92872
#2	.70106	1.8341	1.2416	1.5993	.14439	134.70	.94061
#3	.71690	1.8374	1.2386	1.5943	.14400	134.22	.93599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17731	.18193	76.755	.53572	.35157	.70837	201.18
Stddev	.00038	.00101	.134	.00146	.00032	.00123	.39
%RSD	.21644	.55245	.17468	.27174	.09195	.17381	.19622

#1	.17767	.18079	76.736	.53740	.35193	.70735	200.82
#2	.17735	.18233	76.897	.53491	.35145	.70802	201.11
#3	.17690	.18267	76.631	.53485	.35132	.70973	201.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4587	77.610	.70846	.03635	7.8680	.64584	1.0197
Stddev	.0030	.613	.00142	.00035	.0775	.00070	.0005
%RSD	.08770	.79015	.20059	.95253	.98511	.10861	.04507

#1	3.4622	77.242	.70682	.03633	7.7823	.64662	1.0193
#2	3.4576	78.318	.70929	.03601	7.9331	.64527	1.0202
#3	3.4564	77.270	.70927	.03670	7.8885	.64563	1.0195

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.887	.31464	.52358	F 10.215	4.0437	.63106	5.7431
Stddev	.207	.00045	.00762	.018	.0209	.00030	.0119
%RSD	.67023	.14181	1.4550	.17358	.51564	.04743	.20722

#1	30.678	.31424	.52953	10.230	4.0524	.63124	5.7376
#2	31.092	.31457	.51500	10.196	4.0199	.63071	5.7567
#3	30.890	.31512	.52623	10.219	4.0588	.63122	5.7349

Sample Name: K2641-05MS Acquired: 5/8/2019 15:16:04 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32930	F 14.04	.16488	<.00000	F<.00000
Stddev	.00161	.04	.00053	.10169	1.1938
%RSD	.48772	.2527	.32199	18.185	.81491
#1	.32826	14.06	.16502	-.65233	-146.91
#2	.33115	14.00	.16429	-.57455	-145.14
#3	.32849	14.07	.16532	-.45070	-147.42
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4541.2	57538.	6473.0	79.371	4115.4
Stddev	7.7	80.	35.9	2.423	4.9
%RSD	.16997	.13861	.55403	3.0529	.11804
#1	4547.9	57593.	6438.5	76.648	4120.2
#2	4532.8	57446.	6510.1	81.289	4110.5
#3	4542.8	57574.	6470.4	80.176	4115.5

Sample Name: K2641-05MSD Acquired: 5/8/2019 15:20:21 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70740	1.8323	1.2394	1.6072	.14436	135.24	.93183
Stddev	.00396	.0050	.0010	.0067	.00091	.39	.00459
%RSD	.55976	.27364	.07996	.41909	.63181	.29186	.49217

#1	.71197	1.8368	1.2400	1.6149	.14409	135.11	.92694
#2	.70488	1.8269	1.2382	1.6038	.14538	135.69	.93604
#3	.70537	1.8331	1.2399	1.6028	.14361	134.93	.93250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17788	.18220	77.626	.54101	.35329	.71585	203.95
Stddev	.00099	.00109	.072	.00371	.00071	.00491	2.34
%RSD	.55552	.60078	.09265	.68581	.20027	.68523	1.1452

#1	.17680	.18338	77.543	.53867	.35402	.72077	203.08
#2	.17873	.18121	77.657	.54528	.35261	.71582	206.59
#3	.17812	.18201	77.677	.53906	.35324	.71096	202.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4815	77.668	.71034	.03695	7.9486	.65140	1.0314
Stddev	.0279	.583	.00091	.00050	.0466	.00758	.0023
%RSD	.80172	.75040	.12817	1.3619	.58588	1.1629	.21865

#1	3.4597	77.266	.70994	.03739	7.9132	.64477	1.0333
#2	3.5130	78.336	.70969	.03706	8.0013	.65965	1.0289
#3	3.4719	77.401	.71138	.03640	7.9311	.64978	1.0321

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.073	.31489	.56220	F 10.358	4.0914	.63030	5.7255
Stddev	.190	.00130	.00269	.039	.1197	.00401	.0137
%RSD	.61281	.41400	.47800	.37469	2.9254	.63688	.23891

#1	30.854	.31548	.56470	10.399	4.0280	.63492	5.7102
#2	31.202	.31578	.56254	10.322	4.2295	.62827	5.7293
#3	31.162	.31339	.55936	10.355	4.0168	.62770	5.7368

Sample Name: K2641-05MSD Acquired: 5/8/2019 15:20:21 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33094	F 14.06	.16495	<.00000	F<.00000
Stddev	.00065	.05	.00320	.58360	1.0605
%RSD	.19583	.3826	1.9390	79.219	.72653

#1	.33155	14.10	.16744	-1.4092	-144.99
#2	.33100	14.00	.16134	-.36331	-147.10
#3	.33026	14.07	.16607	-.43757	-145.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4544.7	57229.	6475.7	80.004	4117.4
Stddev	8.0	351.	49.9	1.653	8.1
%RSD	.17603	.61352	.77001	2.0659	.19782

#1	4535.8	57113.	6428.7	78.311	4114.6
#2	4547.0	56951.	6470.3	80.087	4126.5
#3	4551.3	57624.	6528.0	81.613	4111.0

Sample Name: K2641-05A Acquired: 5/8/2019 15:24:40 Type: Unk
Method: P4-ICP2(v3101) 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	.70682	1.8205	1.2318	1.5930	.14622	132.99	.92868
Stddev	.00135	.0036	.0049	.0027	.00120	.72	.00531
%RSD	.19042	.19739	.40002	.16945	.82264	.53953	.57216

#1	.70781	1.8174	1.2263	1.5901	.14514	132.64	.92319
#2	.70736	1.8197	1.2358	1.5955	.14599	132.51	.92905
#3	.70529	1.8244	1.2334	1.5933	.14752	133.82	.93379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17597	.18118	76.537	.53566	.34895	.70801	200.32
Stddev	.00032	.00023	.314	.00042	.00088	.00289	1.20
%RSD	.18125	.12572	.40981	.07909	.25197	.40854	.59687

#1	.17562	.18116	76.186	.53569	.34809	.70536	199.43
#2	.17603	.18142	76.636	.53522	.34985	.71109	199.84
#3	.17625	.18097	76.790	.53607	.34891	.70757	201.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4454	76.691	.70515	.03536	7.8085	.64723	1.0037
Stddev	.0002	.601	.00172	.00026	.0415	.00108	.0029
%RSD	.00465	.78411	.24440	.74219	.53170	.16662	.28882

#1	3.4454	76.080	.70321	.03507	7.7694	.64622	1.0018
#2	3.4453	76.711	.70650	.03543	7.8039	.64710	1.0071
#3	3.4456	77.282	.70574	.03558	7.8521	.64837	1.0023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.681	.31364	.52296	F 10.131	4.0498	.62687	5.7172
Stddev	.155	.00087	.01405	.019	.0118	.00159	.0018
%RSD	.50492	.27640	2.6871	.18655	.29228	.25329	.03222

#1	30.518	.31271	.50679	10.113	4.0635	.62671	5.7189
#2	30.701	.31442	.52987	10.151	4.0436	.62537	5.7152
#3	30.825	.31379	.53222	10.129	4.0425	.62853	5.7176

Sample Name: K2641-05A Acquired: 5/8/2019 15:24:40 Type: Unk
Method: P4-ICP2(v3101) 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	.32691	F 13.96	.16435	<.00000	F<.00000
Stddev	.00157	.01	.00149	.15903	.22479
%RSD	.48124	.0784	.90365	36.019	.15316
#1	.32793	13.97	.16591	-.61647	-147.02
#2	.32510	13.95	.16418	-.40244	-146.60
#3	.32770	13.97	.16295	-.30570	-146.68
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4546.9	57690.	6456.7	79.716	4128.2
Stddev	4.7	90.	23.5	1.135	5.0
%RSD	.10446	.15549	.36355	1.4240	.12121
#1	4543.7	57720.	6435.3	79.467	4126.7
#2	4544.7	57761.	6453.0	78.725	4124.2
#3	4552.4	57589.	6481.8	80.954	4133.8

Sample Name: CCV04 Acquired: 5/8/2019 15:28:57 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14933 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8989	4.9814	4.8577	4.9659	4.9018	9.7350	9.9675	.24895
Stddev	.0085	.0078	.0060	.0210	.0069	.0499	.0403	.00070
%RSD	.17282	.15603	.12413	.42314	.14093	.51278	.40431	.27970
#1	4.9085	4.9892	4.8563	4.9883	4.9090	9.7328	10.009	.24875
#2	4.8923	4.9812	4.8644	4.9466	4.8953	9.7860	9.9283	.24973
#3	4.8959	4.9736	4.8526	4.9630	4.9010	9.6863	9.9652	.24839
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4520	25.086	.99543	2.4449	1.2378	5.0184	2.4969	24.586
Stddev	.0020	.117	.00207	.0013	.0016	.0118	.0037	.126
%RSD	.08314	.46458	.20844	.05141	.12725	.23544	.14692	.51133
#1	2.4497	25.002	.99540	2.4454	1.2396	5.0242	2.5011	24.589
#2	2.4537	25.036	.99753	2.4459	1.2374	5.0262	2.4950	24.710
#3	2.4525	25.219	.99338	2.4435	1.2365	5.0048	2.4945	24.459
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4819	1.2384	24.925	2.5056	2.4300	25.061	4.9404	4.9926
Stddev	.0018	.0015	.028	.0025	.0017	.047	.0085	.0321
%RSD	.07074	.12064	.11115	.10105	.06776	.18703	.17236	.64234
#1	2.4819	1.2381	24.956	2.5052	2.4299	25.113	4.9473	4.9835
#2	2.4837	1.2400	24.917	2.5083	2.4316	25.045	4.9309	5.0282
#3	2.4802	1.2370	24.903	2.5033	2.4284	25.024	4.9429	4.9661
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9285	4.8620	4.9080	4.9791	4.9908	5.102	5.0385	F 3.4506
Stddev	.0053	.0223	.0056	.0254	.0209	.007	.0228	.0553
%RSD	.10736	.45848	.11312	.50910	.41910	.1417	.45278	1.6011
#1	4.9337	4.8576	4.9042	4.9501	4.9703	5.109	5.0288	3.4394
#2	4.9231	4.8422	4.9054	4.9903	4.9900	5.102	5.0222	3.4018
#3	4.9287	4.8861	4.9143	4.9969	5.0121	5.095	5.0646	3.5106

Sample Name: CCV04 Acquired: 5/8/2019 15:28:57 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14933 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.5124
Stddev	.5044
%RSD	11.178

#1	4.8713
#2	4.7302
#3	3.9357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4125.6	51656.	5637.6	81.069	4334.4
Stddev	6.1	197.	10.8	1.952	2.5
%RSD	.14707	.38159	.19218	2.4083	.05693

#1	4118.6	51504.	5638.6	80.094	4335.8
#2	4129.4	51586.	5647.9	79.796	4331.5
#3	4128.7	51879.	5626.3	83.317	4335.8

Sample Name: CCB04 Acquired: 5/8/2019 15:32:58 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14933 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00081	.00255	-.00067	.00022	-.02215	-.00053	-.00000
Stddev	.00083	.00059	.00074	.00110	.00025	.00324	.00029	.00003
%RSD	1017.0	73.045	28.881	163.44	110.08	14.635	55.173	1214.8
#1	-.00039	.00131	.00323	-.00189	-.00006	-.01949	-.00052	-.00002
#2	.00104	.00095	.00263	-.00036	.00035	-.02576	-.00025	-.00002
#3	-.00041	.00016	.00177	.00024	.00038	-.02121	-.00084	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00330	-.00027	.00005	-.00066	-.00426	-.00029	-.02521
Stddev	.00003	.01394	.00027	.00024	.00026	.00029	.00003	.02170
%RSD	52.504	422.67	99.279	522.25	39.125	6.8806	9.2984	86.075
#1	-.00007	-.00070	-.00058	-.00023	-.00094	-.00418	-.00032	-.03678
#2	-.00008	-.00820	-.00007	.00016	-.00063	-.00458	-.00028	-.03867
#3	-.00002	.01879	-.00017	.00022	-.00042	-.00400	-.00027	-.00018
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00003	-.04894	-.00050	-.00253	-.12216	.00059	-.00780
Stddev	.00019	.00015	.00513	.00020	.00012	.02835	.00025	.00638
%RSD	52.832	449.61	10.473	40.149	4.8709	23.204	42.300	81.821
#1	.00014	-.00011	-.05071	-.00056	-.00245	-.14467	.00032	-.00506
#2	.00048	.00019	-.05295	-.00027	-.00247	-.13148	.00082	-.01510
#3	.00046	.00002	-.04316	-.00066	-.00267	-.09033	.00063	-.00325
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	.00191	-.00064	.00117	-.00169	-.0001	-.00003	F 1.3454
Stddev	.00308	.00214	.00058	.00184	.00141	.0013	.00002	.1369
%RSD	89.444	111.99	91.252	157.41	83.086	1280.	69.829	10.179
#1	-.00085	-.00046	-.00069	.00110	-.00027	.0007	-.00001	1.2101
#2	-.00685	.00370	-.00003	-.00063	-.00308	-.0016	-.00004	1.3420
#3	-.00263	.00251	-.00119	.00305	-.00172	.0006	-.00004	1.4839

Sample Name: CCB04 Acquired: 5/8/2019 15:32:58 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14933 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .37970
Stddev .94019
%RSD 247.61

#1 1.1369
#2 .67486
#3 -.67266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4300.9	54284.	5661.7	86.189	4892.6
Stddev	8.5	85.	18.0	.256	12.7
%RSD	.19873	.15651	.31865	.29649	.26026

#1	4294.3	54328.	5682.5	85.950	4879.4
#2	4297.8	54337.	5652.0	86.458	4893.6
#3	4310.5	54186.	5650.6	86.158	4904.9

Sample Name: K2641-07 Acquired: 5/8/2019 15:37:26 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05568	-.00650	.32954	.00105	.00066	106.03	.52321
Stddev	.00177	.00127	.00123	.00337	.00020	.82	.00387
%RSD	3.1713	19.542	.37247	320.20	30.013	.77538	.74056

#1	.05619	-.00504	.32918	.00123	.00061	106.60	.52516
#2	.05372	-.00731	.33090	-.00240	.00088	106.42	.52571
#3	.05714	-.00716	.32852	.00432	.00049	105.09	.51874

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00749	-.00321	100.67	.15569	.08557	.27268	166.35
Stddev	.00017	.00002	.54	.00056	.00056	.00004	.73
%RSD	2.2421	.74738	.54088	.35757	.65990	.01300	.44058

#1	.00745	-.00322	100.05	.15621	.08578	.27265	167.03
#2	.00767	-.00323	101.01	.15576	.08600	.27268	166.45
#3	.00734	-.00318	100.96	.15511	.08493	.27272	165.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7766	49.554	.14188	-.01761	4.4961	.28761	.59880
Stddev	.0032	.291	.00134	.00086	.0309	.00116	.00056
%RSD	.11647	.58703	.94629	4.9006	.68635	.40329	.09380

#1	2.7738	49.750	.14335	-.01679	4.5108	.28655	.59906
#2	2.7801	49.692	.14071	-.01754	4.5170	.28885	.59920
#3	2.7757	49.220	.14159	-.01851	4.4607	.28743	.59816

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.131	.00285	.12639	4.5201	2.7081	.01518	3.5811
Stddev	.067	.00018	.00137	.0318	.0150	.00126	.0087
%RSD	.47748	6.2101	1.0875	.70407	.55367	8.2719	.24225

#1	14.178	.00285	.12528	4.5419	2.6908	.01523	3.5910
#2	14.162	.00303	.12793	4.5349	2.7176	.01390	3.5753
#3	14.054	.00267	.12595	4.4836	2.7160	.01641	3.5768

Sample Name: K2641-07 Acquired: 5/8/2019 15:37:26 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13068	6.344	.13681	<.00000	F<.00000
Stddev	.00109	.029	.00162	.06991	1.2713
%RSD	.83637	.4633	1.1867	8.0982	1.1574
#1	.13001	6.359	.13497	-.93413	-108.39
#2	.13194	6.362	.13804	-.79434	-110.71
#3	.13009	6.310	.13742	-.86150	-110.44
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4604.1	58008.	6495.0	79.758	4245.8
Stddev	9.9	211.	23.6	.299	12.5
%RSD	.21468	.36345	.36320	.37471	.29340
#1	4596.0	57791.	6516.6	79.819	4236.0
#2	4601.3	58019.	6498.5	80.022	4241.4
#3	4615.1	58212.	6469.8	79.434	4259.8

Sample Name: K2641-09 Acquired: 5/8/2019 15:41:52 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08436	.00128	.69827	.00163	.00123	102.45	.51240
Stddev	.00076	.00192	.00322	.00276	.00157	.68	.00084
%RSD	.90011	149.84	.46169	169.96	127.95	.66797	.16475

#1	.08382	-.00079	.69698	-.00130	-.00054	103.21	.51333
#2	.08402	.00163	.70194	.00420	.00247	101.88	.51169
#3	.08522	.00300	.69590	.00197	.00176	102.26	.51218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00695	-.00365	95.031	.13359	.07194	.24714	150.52
Stddev	.00012	.00011	.216	.00031	.00061	.00033	.49
%RSD	1.6820	3.0550	.22682	.23051	.84221	.13292	.32562

#1	.00682	-.00375	94.839	.13382	.07132	.24738	150.90
#2	.00700	-.00353	95.264	.13371	.07253	.24728	149.96
#3	.00705	-.00368	94.989	.13324	.07196	.24677	150.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9459	32.172	.13494	-.01507	6.7962	.27151	.57019
Stddev	.0018	.058	.00093	.00051	.0393	.00117	.00118
%RSD	.06137	.18137	.68880	3.3748	.57864	.43005	.20754

#1	2.9448	32.238	.13529	-.01543	6.8405	.27054	.56972
#2	2.9450	32.128	.13564	-.01528	6.7829	.27120	.57153
#3	2.9480	32.150	.13389	-.01449	6.7653	.27281	.56931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0442	.00091	.12216	3.2714	2.4985	.02708	2.3166
Stddev	.0468	.00019	.00980	.0034	.0141	.00065	.0016
%RSD	.66468	21.078	8.0186	.10353	.56580	2.3921	.07019

#1	7.0960	.00107	.11087	3.2749	2.4872	.02760	2.3149
#2	7.0049	.00070	.12844	3.2682	2.5144	.02635	2.3182
#3	7.0316	.00097	.12717	3.2711	2.4939	.02728	2.3167

Sample Name: K2641-09 Acquired: 5/8/2019 15:41:52 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08976	4.103	.22603	<.00000	F<.00000
Stddev	.00183	.006	.00115	.05837	1.3036
%RSD	2.0424	.1445	.51066	16.438	1.4330
#1	.08809	4.104	.22494	-.30673	-92.401
#2	.08946	4.108	.22724	-.41993	-89.849
#3	.09172	4.096	.22590	-.33861	-90.663
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4504.7	56527.	6317.4	82.915	4327.8
Stddev	12.9	129.	34.2	.705	1.8
%RSD	.28599	.22762	.54093	.84967	.04142
#1	4491.5	56405.	6355.8	83.717	4326.8
#2	4517.3	56662.	6306.1	82.393	4326.7
#3	4505.2	56515.	6290.3	82.636	4329.8

Sample Name: K2643-01 Acquired: 5/8/2019 15:46:18 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-050719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02930	-.00457	.27117	-.00038	.00135	145.54	.61950
Stddev	.00160	.00037	.00542	.00188	.00187	.66	.00291
%RSD	5.4590	8.2102	1.9987	488.18	138.31	.45027	.47045

#1	.03059	-.00471	.27731	.00119	.00340	144.98	.61727
#2	.02980	-.00414	.26918	.00012	.00091	145.38	.61844
#3	.02751	-.00485	.26704	-.00246	-.00026	146.26	.62280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00997	-.00281	66.592	.17406	.11958	.30889	200.99
Stddev	.00010	.00045	.402	.00053	.00189	.00567	.38
%RSD	.95932	16.164	.60334	.30272	1.5801	1.8370	.18942

#1	.01001	-.00234	66.359	.17428	.12175	.31539	200.56
#2	.00986	-.00284	66.361	.17346	.11829	.30640	201.17
#3	.01003	-.00325	67.056	.17445	.11870	.30489	201.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0145	58.505	.21977	-.02123	7.7096	.40038	.62723
Stddev	.0215	.338	.00396	.00066	.0347	.00305	.01223
%RSD	.42890	.57729	1.8001	3.0915	.44977	.76212	1.9497

#1	5.0391	58.211	.22433	-.02087	7.6917	.40142	.64119
#2	5.0049	58.431	.21731	-.02084	7.6875	.39694	.62212
#3	4.9994	58.874	.21766	-.02199	7.7496	.40277	.61839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.527	.00086	.20302	4.2523	2.5922	.00812	3.4959
Stddev	.060	.00007	.00254	.0752	.0142	.00068	.0271
%RSD	.44018	8.3361	1.2524	1.7683	.54932	8.3586	.77485

#1	13.476	.00085	.20077	4.3382	2.5902	.00766	3.4653
#2	13.513	.00080	.20251	4.2204	2.6073	.00890	3.5055
#3	13.593	.00094	.20578	4.1984	2.5790	.00780	3.5168

Sample Name: K2643-01 Acquired: 5/8/2019 15:46:18 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-050719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14657	6.416	-.01446	<.00000	F<.00000
Stddev	.00111	.123	.00135	.30370	1.6168
%RSD	.76031	1.919	9.3040	18.051	1.1129
#1	.14644	6.558	-.01549	-1.3506	-144.14
#2	.14774	6.354	-.01497	-1.7502	-144.57
#3	.14552	6.336	-.01294	-1.9465	-147.13
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4575.6	58225.	6567.4	79.571	4154.6
Stddev	56.6	161.	29.3	1.162	61.8
%RSD	1.2381	.27632	.44629	1.4603	1.4873
#1	4510.2	58200.	6587.0	79.265	4083.9
#2	4607.2	58396.	6581.6	78.593	4181.1
#3	4609.5	58077.	6533.7	80.855	4198.7

Sample Name: K2643-03 Acquired: 5/8/2019 15:50:51 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03869	-.00361	.44574	-.00210	.00339	153.36	.62863
Stddev	.00137	.00335	.00114	.00163	.00056	.92	.00280
%RSD	3.5354	92.937	.25509	77.763	16.490	.59848	.44576

#1	.04003	-.00113	.44582	-.00266	.00284	152.35	.62637
#2	.03730	-.00742	.44683	-.00026	.00338	154.16	.63177
#3	.03875	-.00227	.44456	-.00337	.00395	153.56	.62775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01014	-.00220	70.288	.18040	.13184	.40317	209.96
Stddev	.00015	.00051	.369	.00081	.00039	.00091	1.07
%RSD	1.4530	23.060	.52463	.45161	.29790	.22482	.50903

#1	.00997	-.00194	70.137	.18067	.13141	.40263	209.61
#2	.01021	-.00279	70.018	.18105	.13219	.40421	211.16
#3	.01023	-.00188	70.708	.17949	.13191	.40265	209.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9493	63.516	.20731	-.02212	9.3864	.44194	.85978
Stddev	.0193	.342	.00166	.00029	.0379	.00247	.00179
%RSD	.49000	.53904	.80234	1.3308	.40372	.55860	.20798

#1	3.9564	63.398	.20539	-.02222	9.3458	.44431	.86145
#2	3.9641	63.902	.20827	-.02179	9.4208	.44213	.85789
#3	3.9274	63.248	.20828	-.02236	9.3926	.43939	.86000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.733	.00286	.48824	4.2892	1.9059	.01519	3.7675
Stddev	.070	.00033	.00791	.0267	.0306	.00021	.0144
%RSD	.50663	11.568	1.6210	.62167	1.6051	1.3742	.38134

#1	13.721	.00323	.47917	4.2872	1.8808	.01533	3.7590
#2	13.808	.00258	.49373	4.2635	1.8969	.01495	3.7594
#3	13.670	.00278	.49183	4.3167	1.9400	.01529	3.7841

Sample Name: K2643-03 Acquired: 5/8/2019 15:50:51 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16504	8.591	-.01154	<.00000	F<.00000
Stddev	.00120	.016	.00257	.19450	.32737
%RSD	.72966	.1857	22.248	12.445	.21113

#1	.16373	8.583	-.01142	-1.5679	-155.19
#2	.16610	8.610	-.01417	-1.3659	-154.68
#3	.16530	8.581	-.00903	-1.7548	-155.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4666.0	58883.	6625.2	79.685	4161.1
Stddev	15.8	282.	30.3	.770	8.4
%RSD	.33804	.47911	.45794	.96599	.20171

#1	4650.3	58868.	6602.8	79.199	4151.4
#2	4665.9	58609.	6659.8	80.573	4166.0
#3	4681.9	59172.	6613.1	79.284	4166.0

Sample Name: K2645-01 Acquired: 5/8/2019 15:55:14 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03319	-.01864	1.0225	-.01175	.06574	175.55	1.1218
Stddev	.00114	.00140	.0040	.00181	.00171	.30	.0039
%RSD	3.4430	7.5260	.39504	15.377	2.6070	.16883	.34881

#1	.03447	-.01922	1.0264	-.01302	.06761	175.72	1.1213
#2	.03226	-.01704	1.0227	-.01254	.06424	175.73	1.1259
#3	.03284	-.01966	1.0183	-.00968	.06537	175.21	1.1181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01343	-.00181	100.76	.25738	.24561	1.5221	266.88
Stddev	.00043	.00032	.31	.00043	.00029	.0022	1.18
%RSD	3.1866	17.719	.30472	.16801	.11831	.14482	.44101

#1	.01392	-.00159	100.57	.25787	.24551	1.5196	267.58
#2	.01314	-.00166	101.11	.25706	.24594	1.5233	265.52
#3	.01323	-.00217	100.59	.25720	.24539	1.5235	267.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1387	89.772	.38442	-.03317	14.308	.58855	9.2739
Stddev	.0461	.325	.00077	.00053	.042	.00339	.0261
%RSD	.64630	.36152	.19941	1.6128	.29692	.57604	.28106

#1	7.1918	89.678	.38529	-.03255	14.295	.58484	9.2928
#2	7.1155	90.134	.38384	-.03342	14.355	.59149	9.2848
#3	7.1087	89.506	.38412	-.03353	14.273	.58932	9.2442

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.999	.00494	.30245	7.6555	1.8288	.44799	6.8458
Stddev	.044	.00024	.00576	.0191	.0176	.00125	.0459
%RSD	.36492	4.9043	1.9046	.24989	.96377	.27950	.67061

#1	12.006	.00467	.29582	7.6372	1.8261	.44836	6.8846
#2	11.951	.00503	.30528	7.6754	1.8477	.44660	6.8577
#3	12.038	.00513	.30624	7.6539	1.8127	.44902	6.7951

Sample Name: K2645-01 Acquired: 5/8/2019 15:55:14 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21135	5.220	.08578	<.00000	F<.00000
Stddev	.00046	.011	.00288	.13300	3.2468
%RSD	.21722	.2010	3.3601	8.6145	1.5112
#1	.21130	5.215	.08434	-1.3994	-211.11
#2	.21092	5.212	.08909	-1.6612	-216.91
#3	.21183	5.232	.08389	-1.5710	-216.54
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4528.4	57161.	6565.1	80.174	4062.3
Stddev	10.0	245.	10.1	1.374	9.9
%RSD	.22118	.42872	.15371	1.7138	.24343
#1	4517.1	56878.	6553.5	78.876	4052.2
#2	4532.1	57307.	6570.8	81.613	4062.7
#3	4536.1	57297.	6571.1	80.033	4072.0

Sample Name: K2645-03 Acquired: 5/8/2019 15:59:45 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05540	-.00391	.24961	-.01042	.00615	176.85	1.3516
Stddev	.00286	.00157	.00135	.00433	.00230	.22	.0032
%RSD	5.1632	40.214	.54247	41.497	37.347	.12203	.23285

#1	.05870	-.00507	.24829	-.01182	.00877	176.64	1.3486
#2	.05387	-.00212	.24956	-.01388	.00447	177.07	1.3515
#3	.05362	-.00455	.25099	-.00557	.00521	176.86	1.3548

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01531	-.00119	252.84	.24580	.18849	.94859	253.35
Stddev	.00023	.00025	.88	.00064	.00024	.00394	.91
%RSD	1.5057	21.004	.34744	.25893	.12508	.41579	.36093

#1	.01550	-.00137	253.81	.24561	.18848	.94759	253.72
#2	.01537	-.00091	252.62	.24527	.18873	.95294	252.30
#3	.01505	-.00130	252.09	.24650	.18826	.94525	254.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1993	135.43	.30359	-.03186	4.8985	.53694	1.4358
Stddev	.0386	.31	.00075	.00041	.0067	.00144	.0014
%RSD	.47067	.22792	.24674	1.2775	.13606	.26866	.09788

#1	8.2362	135.24	.30444	-.03223	4.9013	.53550	1.4373
#2	8.1592	135.27	.30324	-.03194	4.8909	.53693	1.4357
#3	8.2024	135.79	.30307	-.03142	4.9034	.53839	1.4345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.747	.00205	.28412	5.1199	2.3117	.04673	3.7288
Stddev	.026	.00035	.00574	.0269	.0164	.00088	.0082
%RSD	.24042	17.100	2.0192	.52625	.71051	1.8767	.21898

#1	10.777	.00182	.28108	5.1329	2.3113	.04774	3.7252
#2	10.733	.00246	.28054	5.1379	2.3284	.04627	3.7231
#3	10.732	.00188	.29074	5.0889	2.2955	.04619	3.7382

Sample Name: K2645-03 Acquired: 5/8/2019 15:59:45 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32612	5.597	.14890	<.00000	F<.00000
Stddev	.00133	.009	.00159	.11183	1.4639
%RSD	.40766	.1639	1.0657	14.681	.75147
#1	.32762	5.607	.15044	-.88997	-193.66
#2	.32508	5.592	.14898	-.71046	-196.45
#3	.32565	5.591	.14727	-.68468	-194.29
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4443.2	56193.	6476.7	78.245	3908.4
Stddev	13.0	265.	54.9	.819	5.0
%RSD	.29320	.47070	.84708	1.0464	.12685
#1	4453.2	55931.	6413.7	77.477	3913.7
#2	4428.5	56460.	6514.1	79.107	3903.9
#3	4448.0	56188.	6502.4	78.151	3907.6

Sample Name: K2645-05 Acquired: 5/8/2019 16:04:17 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04932	-.00418	.49620	-.00124	.01726	169.64	1.3424
Stddev	.00221	.00135	.00255	.00310	.00418	.87	.0054
%RSD	4.4900	32.347	.51388	249.79	24.197	.51032	.39984

#1	.04790	-.00553	.49455	.00227	.02194	169.64	1.3460
#2	.04819	-.00283	.49914	-.00358	.01391	170.51	1.3450
#3	.05187	-.00418	.49492	-.00241	.01593	168.78	1.3363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01455	-.00323	73.877	.25848	.19113	1.2899	252.56
Stddev	.00013	.00002	.308	.00082	.00087	.0010	.82
%RSD	.92693	.70874	.41709	.31666	.45330	.07785	.32644

#1	.01461	-.00321	74.029	.25765	.19017	1.2888	253.07
#2	.01439	-.00322	74.079	.25929	.19137	1.2905	252.99
#3	.01464	-.00326	73.522	.25849	.19185	1.2905	251.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0011	104.20	.33038	-.02832	5.5524	.47189	1.9996
Stddev	.0504	.32	.00046	.00075	.0142	.00096	.0030
%RSD	.56035	.30314	.14038	2.6577	.25653	.20386	.15068

#1	9.0264	104.34	.33000	-.02794	5.5562	.47114	1.9985
#2	9.0339	104.42	.33090	-.02782	5.5644	.47297	2.0030
#3	8.9430	103.84	.33025	-.02918	5.5367	.47154	1.9973

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.518	.00151	.30363	3.4833	2.9818	.20352	3.8239
Stddev	.022	.00022	.00538	.0105	.0606	.00111	.0083
%RSD	.19422	14.574	1.7724	.30162	2.0307	.54357	.21778

#1	11.532	.00137	.29810	3.4894	2.9922	.20232	3.8149
#2	11.530	.00140	.30397	3.4712	3.0365	.20449	3.8313
#3	11.492	.00177	.30884	3.4894	2.9167	.20374	3.8255

Sample Name: K2645-05 Acquired: 5/8/2019 16:04:17 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34888	4.919	-.01781	<.00000	F<.00000
Stddev	.00144	.021	.00073	.13924	1.0499
%RSD	.41141	.4231	4.1032	10.475	.54328
#1	.34731	4.924	-.01858	-1.4012	-192.74
#2	.34919	4.937	-.01712	-1.4178	-194.46
#3	.35013	4.896	-.01772	-1.1688	-192.56
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4579.4	57587.	6445.0	78.157	4090.6
Stddev	11.1	184.	16.6	1.047	9.5
%RSD	.24291	.31995	.25698	1.3392	.23211
#1	4568.1	57503.	6439.2	77.417	4081.5
#2	4579.9	57460.	6432.1	79.355	4089.8
#3	4590.3	57798.	6463.7	77.701	4100.5

Sample Name: K2645-07 Acquired: 5/8/2019 16:08:49 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07575	-.00676	.34701	-.00347	.00557	151.40	1.0591
Stddev	.00054	.00137	.00100	.00291	.00117	1.01	.0060
%RSD	.71703	20.264	.28957	83.956	20.992	.66571	.56583

#1	.07532	-.00831	.34778	-.00049	.00537	151.01	1.0548
#2	.07557	-.00628	.34588	-.00361	.00683	152.55	1.0659
#3	.07636	-.00570	.34738	-.00630	.00452	150.65	1.0565

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01179	-.00335	46.255	.23457	.17148	.94770	243.59
Stddev	.00008	.00029	.219	.00117	.00034	.00075	1.24
%RSD	.65854	8.7612	.47286	.50022	.20060	.07903	.51005

#1	.01183	-.00364	46.481	.23324	.17186	.94791	244.65
#2	.01171	-.00337	46.239	.23546	.17121	.94832	243.89
#3	.01185	-.00305	46.045	.23501	.17136	.94687	242.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4902	87.553	.30334	-.02771	3.8980	.56894	1.2478
Stddev	.0906	.467	.00076	.00030	.0278	.00150	.0014
%RSD	1.3966	.53345	.24977	1.0752	.71227	.26378	.10820

#1	6.4163	87.558	.30265	-.02796	3.8901	.56783	1.2493
#2	6.5913	88.017	.30321	-.02738	3.9289	.57064	1.2466
#3	6.4630	87.083	.30415	-.02780	3.8751	.56833	1.2476

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1383	.00215	.21120	4.0477	2.0592	.03717	4.5809
Stddev	.0396	.00036	.00449	.0198	.0410	.00093	.0222
%RSD	.48659	16.538	2.1240	.48895	1.9928	2.5084	.48409

#1	8.1180	.00234	.21007	4.0675	2.0180	.03699	4.5608
#2	8.1839	.00237	.21615	4.0476	2.0595	.03818	4.6047
#3	8.1130	.00174	.20739	4.0280	2.1000	.03635	4.5772

Sample Name: K2645-07 Acquired: 5/8/2019 16:08:49 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28517	4.525	-.11154	<.00000	F<.00000
Stddev	.00083	.011	.00153	.05000	2.3726
%RSD	.29081	.2477	1.3697	3.9516	1.2599
#1	.28430	4.537	-.11314	-1.2505	-185.64
#2	.28595	4.515	-.11140	-1.2243	-190.14
#3	.28525	4.524	-.11009	-1.3210	-189.19
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4611.8	58194.	6522.4	81.462	4193.7
Stddev	7.2	222.	27.0	3.237	7.4
%RSD	.15621	.38186	.41333	3.9741	.17698
#1	4604.5	58021.	6491.9	80.005	4185.2
#2	4612.0	58116.	6543.1	85.171	4197.0
#3	4618.9	58444.	6532.2	79.208	4198.9

Sample Name: K2645-09 Acquired: 5/8/2019 16:13:22 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05476	-.00339	.29818	-.01378	.00602	179.13	1.6542
Stddev	.00415	.00340	.00210	.00125	.00102	1.51	.0169
%RSD	7.5843	100.33	.70389	9.0677	16.977	.84161	1.0222

#1	.05212	.00022	.30045	-.01234	.00515	177.46	1.6364
#2	.05260	-.00653	.29631	-.01455	.00576	179.55	1.6562
#3	.05954	-.00385	.29779	-.01446	.00715	180.38	1.6700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01577	-.00007	96.042	.78075	.21474	.91453	277.16
Stddev	.00033	.00012	.462	.00167	.00117	.00223	1.65
%RSD	2.1182	164.78	.48066	.21328	.54636	.24332	.59689

#1	.01548	-.00001	95.710	.78030	.21356	.91680	275.29
#2	.01568	.00000	96.569	.77936	.21591	.91235	278.42
#3	.01613	-.00021	95.846	.78260	.21476	.91444	277.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8976	101.73	.43334	-.03374	7.4538	.51778	2.0457
Stddev	.1104	1.13	.00170	.00039	.0631	.00318	.0043
%RSD	1.2408	1.1074	.39124	1.1487	.84640	.61358	.21050

#1	8.7746	100.43	.43159	-.03418	7.3811	.51457	2.0408
#2	8.9881	102.24	.43498	-.03356	7.4866	.51784	2.0479
#3	8.9301	102.50	.43345	-.03347	7.4937	.52092	2.0485

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.671	.02174	.52360	3.7355	2.5300	.03297	3.9554
Stddev	.192	.00022	.00875	.0108	.0139	.00020	.0053
%RSD	1.3084	1.0228	1.6718	.28904	.54999	.61788	.13489

#1	14.452	.02178	.51452	3.7250	2.5200	.03320	3.9546
#2	14.751	.02194	.53199	3.7466	2.5459	.03282	3.9506
#3	14.810	.02150	.52430	3.7349	2.5242	.03288	3.9612

Sample Name: K2645-09 Acquired: 5/8/2019 16:13:22 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39091	5.781	-.02930	<.00000	F<.00000
Stddev	.00129	.009	.00126	.02772	2.2666
%RSD	.32991	.1525	4.3045	2.1445	.97401
#1	.39111	5.771	-.02793	-1.2975	-235.17
#2	.39209	5.789	-.02958	-1.3179	-230.70
#3	.38953	5.782	-.03041	-1.2631	-232.27
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4571.3	57923.	6535.3	79.065	4029.6
Stddev	15.9	116.	55.9	1.962	3.4
%RSD	.34798	.20038	.85568	2.4812	.08351
#1	4563.7	58054.	6488.5	81.026	4032.7
#2	4589.5	57832.	6520.2	77.103	4030.2
#3	4560.6	57883.	6597.2	79.065	4026.0

Sample Name: K2728-02 Acquired: 5/8/2019 16:17:54 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3A-OW(0-10 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11611	-.00554	4.3127	.00003	.00813	90.911	2.0843
Stddev	.00306	.00062	.0152	.00282	.00068	.537	.0132
%RSD	2.6351	11.174	.35213	8497.5	8.4000	.59047	.63204

#1	.11884	-.00595	4.3009	-.00041	.00765	90.293	2.0698
#2	.11280	-.00483	4.3074	.00305	.00891	91.264	2.0954
#3	.11670	-.00585	4.3299	-.00254	.00783	91.175	2.0878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01125	.00832	172.29	.24742	.11569	1.2950	233.22
Stddev	.00010	.00037	.79	.00107	.00047	.0011	.95
%RSD	.92915	4.4897	.45705	.43200	.40825	.08817	.40947

#1	.01136	.00873	171.68	.24646	.11621	1.2941	232.16
#2	.01124	.00825	173.18	.24722	.11559	1.2963	234.03
#3	.01115	.00800	172.01	.24857	.11528	1.2946	233.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2807	45.990	.30511	-.02410	7.6434	.39495	4.1611
Stddev	.0046	.407	.00057	.00045	.0531	.00073	.0042
%RSD	.14178	.88562	.18823	1.8551	.69461	.18389	.10159

#1	3.2757	45.552	.30446	-.02440	7.5874	.39412	4.1566
#2	3.2816	46.358	.30531	-.02431	7.6930	.39538	4.1616
#3	3.2849	46.061	.30556	-.02358	7.6499	.39537	4.1650

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.891	.01888	.18446	F 16.259	2.3381	.47010	3.2702
Stddev	.085	.00017	.01801	.032	.0046	.00085	.0153
%RSD	.50488	.91864	9.7657	.19477	.19638	.18076	.46725

#1	16.795	.01904	.16478	16.238	2.3422	.47106	3.2539
#2	16.958	.01870	.18847	16.295	2.3389	.46979	3.2723
#3	16.920	.01890	.20013	16.243	2.3331	.46944	3.2843

Sample Name: K2728-02 Acquired: 5/8/2019 16:17:54 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3A-OW(0-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12000	F 13.08	.38420	<.00000	F<.00000
Stddev	.00033	.06	.00154	.27090	1.7016
%RSD	.27406	.4473	.40178	6.3892	.82867

#1	.12005	13.04	.38417	-4.0519	-207.02
#2	.12030	13.15	.38575	-4.1174	-205.39
#3	.11965	13.06	.38266	-4.5504	-203.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5058.2	64372.	7391.3	80.525	4080.3
Stddev	6.6	176.	7.4	1.995	7.3
%RSD	.13008	.27381	.10026	2.4771	.17953

#1	5051.2	64570.	7390.1	78.222	4083.1
#2	5064.2	64314.	7384.6	81.694	4085.8
#3	5059.1	64232.	7399.3	81.659	4072.0

Sample Name: CCV05 Acquired: 5/8/2019 16:22:17 Type: Unk
Method: P4-ICP2(v3101) 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	4.8653	4.9390	4.8088	4.9420	4.8675	9.6313	9.7225	.24542
Stddev	.0046	.0158	.0136	.0080	.0041	.0305	.0381	.00104
%RSD	.09531	.32031	.28303	.16103	.08347	.31678	.39155	.42245
#1	4.8627	4.9489	4.8226	4.9485	4.8659	9.5989	9.7394	.24654
#2	4.8707	4.9208	4.7954	4.9443	4.8721	9.6595	9.6789	.24449
#3	4.8626	4.9474	4.8084	4.9331	4.8644	9.6355	9.7492	.24523
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4363	24.850	.98271	2.4214	1.2296	4.9510	2.4578	24.086
Stddev	.0043	.227	.00356	.0039	.0013	.0329	.0149	.127
%RSD	.17526	.91421	.36184	.16263	.10549	.66440	.60658	.52755
#1	2.4396	24.597	.98654	2.4246	1.2286	4.9771	2.4702	23.944
#2	2.4315	25.037	.97952	2.4170	1.2311	4.9140	2.4412	24.190
#3	2.4379	24.916	.98206	2.4225	1.2292	4.9619	2.4619	24.124
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4677	1.2216	24.606	2.4701	2.4029	24.470	4.8763	4.9074
Stddev	.0042	.0076	.069	.0165	.0050	.059	.0053	.0125
%RSD	.17043	.62474	.28137	.66953	.20648	.23915	.10794	.25425
#1	2.4666	1.2284	24.531	2.4851	2.4069	24.406	4.8793	4.8932
#2	2.4641	1.2134	24.668	2.4524	2.3973	24.520	4.8794	4.9121
#3	2.4723	1.2229	24.620	2.4728	2.4045	24.485	4.8702	4.9168
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9011	4.9335	4.8683	4.9252	4.9663	5.064	4.9646	F 3.0570
Stddev	.0133	.0445	.0139	.0301	.0218	.011	.0158	.4576
%RSD	.27228	.90190	.28608	.61098	.43908	.2146	.31732	14.969
#1	4.9102	4.9790	4.8755	4.8905	4.9414	5.075	4.9474	3.2643
#2	4.8858	4.9314	4.8522	4.9419	4.9756	5.054	4.9783	2.5325
#3	4.9072	4.8901	4.8770	4.9433	4.9820	5.062	4.9683	3.3744

Sample Name: CCV05 Acquired: 5/8/2019 16:22:17 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7284
Stddev	1.1981
%RSD	43.911

#1	3.3809
#2	3.4585
#3	1.3457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4129.0	51830.	5616.0	79.774	4339.0
Stddev	13.8	306.	20.2	2.381	15.1
%RSD	.33302	.59072	.35928	2.9851	.34828

#1	4115.5	51477.	5592.7	80.976	4321.6
#2	4128.6	52018.	5628.4	77.031	4348.3
#3	4143.0	51996.	5626.8	81.314	4347.1

Sample Name: CCB05 Acquired: 5/8/2019 16:26:18 Type: Unk

Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8192 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	-.00060	-.00050	-.00081	-.00040	-.02348	-.00052	-.00002
Stddev	.00077	.00102	.00057	.00118	.00100	.00784	.00044	.00001
%RSD	69.664	168.60	113.37	145.67	248.05	33.368	85.193	55.644

#1	-.00162	.00034	-.00094	.00054	-.00148	-.02095	-.00096	-.00001
#2	-.00022	-.00047	-.00071	-.00130	-.00023	-.03227	-.00050	-.00002
#3	-.00149	-.00168	.00014	-.00167	.00050	-.01722	-.00008	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00679	-.00018	.00014	-.00095	-.00388	-.00026	.00204
Stddev	.00007	.00242	.00031	.00003	.00019	.00043	.00002	.02328
%RSD	4927.6	35.713	168.70	22.771	20.220	11.144	5.7502	1142.8

#1	-.00008	.00427	-.00018	.00016	-.00073	-.00415	-.00026	-.02113
#2	.00002	.00911	-.00050	.00015	-.00106	-.00338	-.00028	.02543
#3	.00005	.00698	.00012	.00010	-.00106	-.00411	-.00025	.00181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00015	-.08716	-.00032	-.00244	-.17762	.00051	.00316
Stddev	.00007	.00013	.00547	.00015	.00004	.02672	.00008	.01296
%RSD	15.873	88.027	6.2771	46.900	1.5337	15.041	15.932	410.40

#1	.00038	-.00005	-.08925	-.00045	-.00240	-.18174	.00044	-.00501
#2	.00052	-.00030	-.08095	-.00015	-.00244	-.14909	.00059	-.00362
#3	.00043	-.00010	-.09128	-.00036	-.00248	-.20204	.00048	.01810

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	.00156	-.00073	.00029	-.00002	.0006	-.00008	F .99055
Stddev	.00278	.00199	.00011	.00064	.00062	.0006	.00004	.11990
%RSD	243.20	126.93	15.696	222.82	3935.9	95.43	53.324	12.105

#1	.00275	.00265	-.00060	.00071	.00052	.0002	-.00010	.85555
#2	.00275	-.00073	-.00081	.00059	-.00069	.0003	-.00003	1.0847
#3	-.00207	.00277	-.00079	-.00045	.00013	.0013	-.00012	1.0314

Sample Name: CCB05 Acquired: 5/8/2019 16:26:18 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8192 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .81924
Stddev .64815
%RSD 79.116

#1 .58773
#2 1.5514
#3 .31864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4328.4	54390.	5628.4	84.636	4910.4
Stddev	21.3	228.	7.7	1.679	15.6
%RSD	.49313	.41834	.13682	1.9838	.31850

#1	4310.3	54191.	5631.3	85.517	4893.6
#2	4323.0	54341.	5619.7	85.692	4913.1
#3	4351.9	54638.	5634.3	82.700	4924.5

Sample Name: K2729-01 Acquired: 5/8/2019 16:30:47 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03871	-.01037	.18873	-.00094	.00008	73.300	.57331
Stddev	.00146	.00116	.00134	.00063	.00073	.292	.00424
%RSD	3.7756	11.217	.71244	66.800	882.04	.39848	.73881

#1	.04005	-.00905	.19026	-.00164	.00083	72.967	.56891
#2	.03715	-.01085	.18773	-.00043	.00004	73.423	.57736
#3	.03894	-.01122	.18819	-.00074	-.00063	73.511	.57366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01027	-.00266	19.427	.20074	.10357	.19870	151.14
Stddev	.00011	.00011	.066	.00106	.00042	.00005	.83
%RSD	1.0339	4.1561	.34225	.52801	.40550	.02269	.55114

#1	.01015	-.00277	19.352	.20041	.10366	.19870	152.06
#2	.01035	-.00267	19.452	.20192	.10311	.19875	150.44
#3	.01031	-.00255	19.478	.19988	.10393	.19866	150.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6880	36.842	.33314	-.01547	1.3117	.26589	.60195
Stddev	.0117	.236	.00203	.00037	.0111	.00061	.00083
%RSD	.25000	.64069	.61031	2.3878	.84395	.22895	.13867

#1	4.7004	36.683	.33548	-.01506	1.2993	.26588	.60126
#2	4.6865	37.113	.33216	-.01578	1.3156	.26529	.60172
#3	4.6771	36.728	.33179	-.01556	1.3203	.26651	.60288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.714	.00122	.12982	.90933	3.0806	.00337	3.7708
Stddev	.063	.00030	.00622	.00266	.0238	.00009	.0047
%RSD	.49260	24.240	4.7900	.29229	.77094	2.7150	.12482

#1	12.646	.00156	.13141	.90663	3.0560	.00329	3.7658
#2	12.725	.00105	.12296	.91194	3.0826	.00347	3.7751
#3	12.770	.00105	.13509	.90941	3.1033	.00334	3.7716

Sample Name: K2729-01 Acquired: 5/8/2019 16:30:47 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09968	6.194	-.09122	<.00000	F<.00000
Stddev	.00102	.028	.00084	.25222	.68313
%RSD	1.0257	.4438	.92300	7.8748	.66849

#1	.09863	6.225	-.09219	-3.3735	-101.46
#2	.09974	6.171	-.09070	-3.3218	-102.81
#3	.10067	6.187	-.09076	-2.9131	-102.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4884.2	61504.	6697.2	83.400	4460.1
Stddev	9.5	136.	38.5	.441	5.2
%RSD	.19552	.22064	.57558	.52916	.11655

#1	4888.0	61351.	6665.6	83.616	4464.7
#2	4873.3	61554.	6740.1	82.892	4454.5
#3	4891.3	61608.	6685.8	83.691	4461.3

Sample Name: K2729-02 Acquired: 5/8/2019 16:35:22 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03436	-.00997	.15196	.00067	-.00212	81.913	.62724
Stddev	.00285	.00057	.00151	.00162	.00078	.343	.00426
%RSD	8.3077	5.7595	.99682	241.54	36.957	.41925	.67983

#1	.03294	-.00957	.15238	.00111	-.00204	81.577	.62253
#2	.03249	-.01063	.15321	.00203	-.00293	82.263	.63084
#3	.03765	-.00970	.15027	-.00113	-.00137	81.898	.62837

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01091	-.00287	33.918	.19643	.12327	.24832	158.94
Stddev	.00011	.00002	.186	.00010	.00054	.00089	.75
%RSD	.96515	.83818	.54801	.04964	.43817	.35719	.47397

#1	.01098	-.00290	33.930	.19635	.12266	.24922	158.20
#2	.01079	-.00287	34.098	.19654	.12369	.24745	159.71
#3	.01096	-.00285	33.727	.19641	.12346	.24830	158.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8240	58.588	.60385	-.01737	2.5778	.29133	.69033
Stddev	.0021	.632	.00224	.00062	.0312	.00085	.00044
%RSD	.07490	1.0782	.37091	3.5761	1.2115	.29139	.06316

#1	2.8264	57.869	.60138	-.01803	2.5437	.29043	.69039
#2	2.8224	59.053	.60441	-.01680	2.6050	.29143	.68987
#3	2.8232	58.843	.60575	-.01727	2.5845	.29212	.69074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.420	-.00021	.13211	2.5517	1.9560	.00313	3.9376
Stddev	.171	.00007	.00100	.0139	.0303	.00106	.0139
%RSD	1.0403	35.066	.76042	.54393	1.5473	33.886	.35294

#1	16.259	-.00023	.13316	2.5391	1.9908	.00268	3.9232
#2	16.599	-.00027	.13116	2.5665	1.9414	.00434	3.9388
#3	16.401	-.00013	.13200	2.5494	1.9358	.00237	3.9509

Sample Name: K2729-02 Acquired: 5/8/2019 16:35:22 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14371	6.568	-.03801	<.00000	F<.00000
Stddev	.00151	.012	.00078	.47588	1.9202
%RSD	1.0489	.1881	2.0411	19.814	1.7982
#1	.14432	6.562	-.03718	-1.8523	-105.87
#2	.14200	6.582	-.03872	-2.6693	-108.99
#3	.14482	6.560	-.03811	-2.6835	-105.49
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4784.7	60160.	6645.5	81.366	4341.7
Stddev	7.7	194.	58.6	.489	4.4
%RSD	.16037	.32306	.88148	.60123	.10127
#1	4776.1	60200.	6578.9	81.339	4341.6
#2	4787.4	59949.	6668.9	81.868	4337.4
#3	4790.8	60332.	6688.8	80.891	4346.2

Sample Name: K2729-03 Acquired: 5/8/2019 16:39:48 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12062	-.00374	3.0754	-.00440	.00137	119.41	2.5952
Stddev	.00062	.00340	.0144	.00249	.00135	.49	.0100
%RSD	.51661	90.957	.46701	56.457	98.449	.40694	.38390

#1	.12130	-.00222	3.0884	-.00485	.00156	119.84	2.5963
#2	.12008	-.00136	3.0600	-.00664	.00262	119.51	2.6045
#3	.12046	-.00763	3.0780	-.00173	-.00006	118.88	2.5847

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01129	.00472	657.08	.28016	.10823	.71870	183.92
Stddev	.00020	.00014	2.72	.00144	.00082	.00222	.92
%RSD	1.7449	3.0091	.41367	.51398	.75897	.30895	.49819

#1	.01123	.00480	655.63	.28034	.10884	.71693	183.37
#2	.01112	.00456	655.39	.27864	.10730	.72119	183.40
#3	.01150	.00481	660.22	.28150	.10856	.71797	184.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8641	147.01	.29966	-.02221	9.7588	.39976	3.1111
Stddev	.0086	.73	.00153	.00075	.0400	.00066	.0125
%RSD	.22340	.49728	.51028	3.3649	.40948	.16586	.40293

#1	3.8590	146.55	.30006	-.02230	9.7787	.39962	3.1184
#2	3.8592	147.85	.29798	-.02291	9.7849	.39918	3.0966
#3	3.8741	146.62	.30095	-.02143	9.7128	.40048	3.1182

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.744	.01451	.16653	F 14.761	2.2161	.15023	3.8967
Stddev	.048	.00066	.01110	.098	.0353	.00329	.0242
%RSD	.30529	4.5337	6.6661	.66604	1.5931	2.1912	.62174

#1	15.754	.01441	.15431	14.725	2.2085	.15131	3.8822
#2	15.786	.01390	.17599	14.686	2.1851	.14653	3.8832
#3	15.691	.01521	.16927	14.872	2.2545	.15285	3.9247

Sample Name: K2729-03 Acquired: 5/8/2019 16:39:48 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18103	7.525	1.5593	2.5083	F<.00000
Stddev	.00137	.022	.0076	.1750	1.3421
%RSD	.75808	.2867	.48916	6.9776	1.2552
#1	.17976	7.516	1.5606	2.3062	-105.40
#2	.18084	7.509	1.5512	2.6090	-107.46
#3	.18248	7.549	1.5663	2.6097	-107.92
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.2	52247.	6152.6	75.258	3731.6
Stddev	10.1	202.	51.9	1.433	11.0
%RSD	.24495	.38636	.84334	1.9040	.29489
#1	4114.7	52019.	6139.2	76.715	3721.3
#2	4105.4	52403.	6209.9	75.208	3743.2
#3	4125.6	52321.	6108.8	73.850	3730.3

Sample Name: K2729-04 Acquired: 5/8/2019 16:44:13 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04783	-.01491	.44873	.00015	.00111	114.40	.77158
Stddev	.00177	.00208	.00243	.00276	.00142	.43	.00228
%RSD	3.7058	13.928	.54169	1846.0	127.05	.37359	.29566

#1	.04955	-.01720	.44641	-.00250	.00012	114.64	.76956
#2	.04793	-.01315	.44854	.00300	.00274	113.91	.77114
#3	.04601	-.01439	.45126	-.00005	.00049	114.66	.77405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01264	-.00241	42.074	.26390	.15800	.96267	206.12
Stddev	.00011	.00015	.493	.00029	.00012	.00278	.25
%RSD	.88003	6.4210	1.1709	.11063	.07861	.28891	.11905

#1	.01265	-.00234	41.959	.26371	.15814	.96235	206.23
#2	.01275	-.00259	41.650	.26424	.15790	.96007	206.29
#3	.01253	-.00231	42.614	.26376	.15795	.96560	205.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0153	72.323	.54797	-.02119	3.4749	.39999	1.3648
Stddev	.0172	.334	.00116	.00028	.0138	.00061	.0023
%RSD	.34315	.46205	.21190	1.3231	.39726	.15329	.16790

#1	5.0094	72.052	.54717	-.02101	3.4598	.40057	1.3666
#2	5.0347	72.220	.54744	-.02152	3.4780	.39935	1.3622
#3	5.0019	72.697	.54930	-.02106	3.4869	.40005	1.3655

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.633	.00523	.14746	1.6130	4.1779	.01015	5.8106
Stddev	.113	.00031	.01162	.0046	.0466	.00023	.0135
%RSD	.38017	5.8854	7.8829	.28434	1.1155	2.2448	.23169

#1	29.544	.00531	.16088	1.6133	4.1743	.01012	5.7994
#2	29.595	.00549	.14102	1.6174	4.1332	.00994	5.8070
#3	29.759	.00489	.14047	1.6083	4.2262	.01039	5.8255

Sample Name: K2729-04 Acquired: 5/8/2019 16:44:13 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23885	6.790	-.09715	<.00000	F<.00000
Stddev	.00121	.015	.00097	.06183	1.3305
%RSD	.50480	.2235	.99355	2.1934	.89015
#1	.24015	6.807	-.09743	-2.8734	-149.16
#2	.23862	6.782	-.09795	-2.8316	-150.93
#3	.23777	6.780	-.09608	-2.7517	-148.33
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4731.8	59661.	6692.9	80.360	4223.8
Stddev	3.3	160.	42.5	.821	.6
%RSD	.06905	.26844	.63428	1.0221	.01496
#1	4735.2	59502.	6661.4	81.290	4223.1
#2	4728.8	59660.	6741.2	80.057	4224.3
#3	4731.3	59822.	6676.1	79.734	4224.0

Sample Name: K2641-02 Acquired: 5/8/2019 16:48:47 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00545	.00425	.00131	-.00013	.19181	.18725	.00020
Stddev	.00085	.00049	.00036	.00348	.00022	.00667	.00121	.00003
%RSD	57.569	8.9426	8.5337	265.70	164.09	3.4776	.64569	14.450

#1	.00081	-.00601	.00457	-.00051	-.00036	.19094	.18741	.00024
#2	.00118	-.00523	.00433	-.00088	-.00011	.19888	.18596	.00018
#3	.00242	-.00511	.00385	.00532	.00007	.18563	.18837	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	28.030	-.00024	.00394	.01041	.14364	1.3881	1.6758
Stddev	.00006	.271	.00025	.00014	.00014	.00172	.0022	.0659
%RSD	358.51	.96728	101.70	3.5986	1.3740	1.1955	.15625	3.9331

#1	.00007	27.761	-.00046	.00398	.01044	.14415	1.3865	1.6238
#2	.00002	28.025	-.00031	.00378	.01054	.14173	1.3874	1.7499
#3	-.00004	28.303	.00003	.00405	.01026	.14505	1.3906	1.6537

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00479	-.00017	490.23	-.00474	.05002	1.1195	.00013	.01934
Stddev	.00013	.00058	4.57	.00015	.00043	.0331	.00025	.01051
%RSD	2.8044	349.49	.93151	3.1082	.85014	2.9579	193.17	54.330

#1	.00466	-.00084	488.79	-.00457	.04979	1.1008	.00027	.02919
#2	.00493	.00017	486.55	-.00483	.04975	1.1001	.00028	.02056
#3	.00480	.00017	495.34	-.00481	.05051	1.1578	-.00016	.00828

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25864	1.0004	-.00178	.00547	.00506	.0076	.10318	4.8552
Stddev	.00218	.0086	.00136	.00059	.00114	.0004	.00053	.2297
%RSD	.84388	.85782	76.335	10.780	22.568	4.798	.51374	4.7311

#1	.25649	.99070	-.00165	.00591	.00428	.0073	.10260	5.0355
#2	.25856	1.0036	-.00049	.00480	.00453	.0080	.10333	4.9334
#3	.26086	1.0069	-.00320	.00570	.00637	.0075	.10363	4.5965

Sample Name: K2641-02 Acquired: 5/8/2019 16:48:47 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2543
 Stddev .3648
 %RSD 5.8326

#1 6.4341
 #2 5.8346
 #3 6.4944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3925.6	48539.	5495.4	79.883	4075.4
Stddev	10.9	188.	18.9	1.456	4.9
%RSD	.27784	.38830	.34377	1.8224	.11932

#1	3925.3	48433.	5517.0	81.442	4075.7
#2	3914.9	48757.	5482.1	79.650	4080.1
#3	3936.7	48427.	5487.1	78.558	4070.4

Sample Name: K2641-02DUP Acquired: 5/8/2019 16:53:19 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	-.00476	.00315	-.00156	-.00060	.16719	.16407	.00015
Stddev	.00211	.00188	.00081	.00263	.00027	.00339	.00044	.00003
%RSD	323.85	39.556	25.665	168.91	44.356	2.0266	.26597	19.125

#1	-.00035	-.00384	.00348	-.00368	-.00033	.16762	.16435	.00017
#2	-.00289	-.00352	.00223	-.00238	-.00086	.17035	.16357	.00012
#3	.00129	-.00693	.00375	.00139	-.00061	.16361	.16430	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	24.911	-.00014	.00351	.00921	.12072	1.2207	1.4712
Stddev	.00009	.151	.00026	.00026	.00027	.00066	.0024	.0294
%RSD	915.34	.60562	185.42	7.2769	2.9454	.55019	.19975	1.9991

#1	-.00009	24.753	-.00031	.00340	.00928	.12134	1.2209	1.4807
#2	.00002	25.054	-.00027	.00332	.00945	.12002	1.2230	1.4382
#3	.00010	24.925	.00016	.00380	.00892	.12081	1.2181	1.4947

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	-.00025	430.36	-.00430	.04367	.98884	.00010	.02342
Stddev	.00065	.00064	4.39	.00050	.00060	.01029	.00018	.00703
%RSD	16.971	257.55	1.0203	11.579	1.3700	1.0403	183.06	30.005

#1	.00334	-.00097	426.42	-.00484	.04333	.97804	.00018	.01630
#2	.00358	-.00002	435.10	-.00422	.04436	.99852	-.00011	.03035
#3	.00457	.00025	429.57	-.00385	.04331	.98995	.00023	.02360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21898	.88494	-.00245	.00360	.00957	.0063	.09115	4.7343
Stddev	.00327	.00743	.00074	.00036	.00024	.0013	.00032	.1454
%RSD	1.4926	.83974	30.104	10.049	2.5062	21.11	.34799	3.0716

#1	.22273	.87881	-.00180	.00318	.00931	.0048	.09097	4.7204
#2	.21676	.89321	-.00229	.00382	.00963	.0071	.09152	4.5963
#3	.21744	.88281	-.00325	.00379	.00977	.0072	.09097	4.8861

Sample Name: K2641-02DUP Acquired: 5/8/2019 16:53:19 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.1873
Stddev .0115
%RSD .18531

#1 6.2001
#2 6.1836
#3 6.1781

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.3	48720.	5482.1	79.328	4117.5
Stddev	11.8	58.	49.7	3.147	14.9
%RSD	.29813	.11929	.90698	3.9673	.36132

#1	3943.5	48785.	5527.6	82.683	4106.8
#2	3943.6	48672.	5429.0	76.442	4111.2
#3	3963.9	48704.	5489.8	78.858	4134.5

Sample Name: K2641-02LX5 Acquired: 5/8/2019 16:57:53 Type: Unk
Method: P4-ICP2(v3101) 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	-.00072	-.00056	-.00288	-.00029	-.00021	.01063	.03232	.00001
Stddev	.00305	.00059	.00055	.00269	.00211	.00600	.00012	.00000
%RSD	426.70	105.40	19.047	914.91	986.77	56.407	.36188	25.123

#1	-.00392	-.00122	-.00309	-.00273	.00145	.00417	.03232	.00001
#2	-.00039	-.00036	-.00226	-.00074	-.00259	.01172	.03221	.00001
#3	.00216	-.00010	-.00329	.00259	.00049	.01601	.03244	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	5.2192	-.00025	.00081	.00133	.02124	.25401	.29615
Stddev	.00002	.0402	.00012	.00021	.00010	.00013	.00052	.03896
%RSD	23.550	.76987	48.662	25.974	7.7132	.61579	.20359	13.155

#1	-.00008	5.1734	-.00015	.00067	.00144	.02110	.25393	.34016
#2	-.00006	5.2489	-.00022	.00071	.00124	.02137	.25354	.28224
#3	-.00010	5.2351	-.00039	.00105	.00130	.02124	.25456	.26606

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00002	87.692	-.00126	.00675	.12388	.00015	.00199
Stddev	.00032	.00026	.484	.00048	.00018	.02945	.00025	.01096
%RSD	80.331	1093.6	.55227	38.440	2.7073	23.774	168.22	550.87

#1	.00078	.00025	87.729	-.00160	.00687	.11404	.00019	-.00454
#2	.00023	-.00005	87.191	-.00071	.00654	.10061	.00038	.01464
#3	.00021	-.00027	88.157	-.00147	.00684	.15700	-.00012	-.00414

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04354	.19250	-.00311	.00169	.00425	.0013	.01897	2.8451
Stddev	.00480	.00167	.00111	.00128	.00105	.0005	.00011	.2139
%RSD	11.017	.86824	35.652	75.614	24.612	40.11	.56619	7.5172

#1	.04087	.19133	-.00414	.00046	.00318	.0019	.01884	3.0909
#2	.04066	.19441	-.00325	.00301	.00430	.0010	.01903	2.7014
#3	.04907	.19175	-.00194	.00159	.00528	.0009	.01903	2.7429

Sample Name: K2641-02LX5 Acquired: 5/8/2019 16:57:53 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1998
Stddev	.8075
%RSD	36.708

#1	1.6594
#2	3.1281
#3	1.8120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4155.7	52078.	5576.5	82.577	4494.9
Stddev	9.3	142.	46.0	1.803	9.7
%RSD	.22352	.27324	.82553	2.1827	.21480

#1	4158.3	52073.	5621.9	84.595	4501.2
#2	4145.4	52223.	5529.9	82.012	4483.8
#3	4163.5	51939.	5577.9	81.126	4499.8

Sample Name: K2641-02MS Acquired: 5/8/2019 17:02:19 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77815	1.8975	.95127	2.0094	.74332	2.0451	.32137	.19739	.19687
Stddev	.00415	.0100	.00053	.0015	.00436	.0130	.00219	.00018	.00057
%RSD	.53367	.52556	.05574	.07295	.58668	.63559	.68143	.09245	.28805

#1	.77358	1.8874	.95168	2.0090	.73834	2.0323	.32249	.19722	.19632
#2	.77916	1.8977	.95146	2.0082	.74514	2.0446	.31885	.19738	.19686
#3	.78170	1.9074	.95067	2.0111	.74647	2.0583	.32277	.19758	.19745

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.824	.40650	.20019	.30250	3.1269	1.1169	3.0674	.50512	.07041
Stddev	.131	.00088	.00060	.00032	.0066	.0013	.0498	.00045	.00064
%RSD	.66190	.21606	.30022	.10447	.21113	.11334	1.6236	.08838	.90250

#1	19.744	.40553	.19989	.30229	3.1312	1.1176	3.0147	.50483	.07114
#2	19.976	.40676	.19979	.30234	3.1193	1.1154	3.0739	.50491	.06998
#3	19.753	.40723	.20088	.30286	3.1302	1.1175	3.1137	.50564	.07012

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	320.99	.31415	.23329	10.812	.38827	.31062	.16049	1.4859	.65408
Stddev	1.75	.00059	.00028	.084	.00163	.01323	.00044	.0062	.00202
%RSD	.54406	.18932	.11846	.77427	.41953	4.2593	.27707	.41571	.30912

#1	318.97	.31354	.23361	10.816	.38651	.31653	.16056	1.4819	.65204
#2	322.00	.31417	.23314	10.727	.38859	.29547	.16089	1.4930	.65411
#3	321.99	.31473	.23312	10.894	.38973	.31986	.16001	1.4828	.65608

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19669	.20364	6.032	.26379	4.7914	.86033
Stddev	.00171	.00283	.017	.00119	.2057	.90413
%RSD	.86768	1.3888	.2863	.45286	4.2939	105.09

#1	.19482	.20553	6.017	.26470	4.9643	.00149
#2	.19817	.20499	6.028	.26424	4.8460	.77571
#3	.19707	.20038	6.051	.26244	4.5639	1.8038

Sample Name: K2641-02MS Acquired: 5/8/2019 17:02:19 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 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	3990.5	49601.	5416.3	77.684	4186.4
Stddev	8.3	119.	38.2	.602	8.5
%RSD	.20802	.24066	.70578	.77447	.20234
#1	3982.9	49464.	5399.9	77.036	4177.4
#2	3989.4	49655.	5389.0	78.224	4187.5
#3	3999.4	49684.	5460.0	77.794	4194.3

Sample Name: K2641-02MSD Acquired: 5/8/2019 17:06:35 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77197	1.8895	.94225	2.0079	.74907	2.0436	.32153	.19503	.19518
Stddev	.00440	.0057	.00234	.0044	.00500	.0182	.00070	.00034	.00035
%RSD	.56991	.29943	.24816	.21828	.66714	.88859	.21836	.17371	.17898

#1	.76865	1.8844	.93958	2.0045	.74717	2.0297	.32112	.19474	.19518
#2	.77031	1.8885	.94319	2.0064	.74531	2.0371	.32113	.19540	.19552
#3	.77696	1.8956	.94396	2.0129	.75475	2.0642	.32234	.19496	.19483

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.737	.40026	.19846	.29896	3.0876	1.1133	3.0592	.49960	.06850
Stddev	.040	.00133	.00049	.00088	.0091	.0019	.0431	.00084	.00084
%RSD	.20274	.33239	.24664	.29548	.29558	.17317	1.4081	.16869	1.2334

#1	19.701	.39875	.19899	.29824	3.0778	1.1112	3.0484	.50057	.06754
#2	19.730	.40127	.19835	.29870	3.0890	1.1140	3.0226	.49920	.06912
#3	19.780	.40075	.19803	.29995	3.0959	1.1149	3.1067	.49903	.06886

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	317.11	.30683	.23132	10.903	.39062	.30757	.16505	1.4564	.65835
Stddev	1.43	.00153	.00039	.088	.00106	.01234	.00345	.0096	.00261
%RSD	.44946	.49774	.16932	.80832	.27240	4.0108	2.0900	.65699	.39588

#1	316.92	.30572	.23132	10.818	.38963	.29397	.16900	1.4553	.65565
#2	318.62	.30619	.23092	10.897	.39049	.31071	.16261	1.4474	.66085
#3	315.79	.30857	.23170	10.994	.39175	.31804	.16355	1.4664	.65856

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19425	.20067	6.002	.25814	4.9609	.45149
Stddev	.00082	.00147	.005	.00109	.2795	.82606
%RSD	.42064	.73050	.0890	.42241	5.6348	182.96

#1	.19443	.20051	6.008	.25912	5.1841	1.3891
#2	.19496	.19929	5.999	.25697	4.6474	-.16915
#3	.19336	.20220	6.000	.25834	5.0513	.13453

Sample Name: K2641-02MSD Acquired: 5/8/2019 17:06:35 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 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	3990.1	49851.	5536.0	80.167	4182.7
Stddev	6.5	45.	35.3	.894	12.8
%RSD	.16187	.09035	.63784	1.1156	.30689
#1	3983.0	49799.	5497.4	81.024	4170.3
#2	3991.7	49873.	5566.7	80.238	4181.9
#3	3995.6	49881.	5543.9	79.239	4196.0

Sample Name: K2641-02A Acquired: 5/8/2019 17:10:51 Type: Unk
Method: P4-ICP2(v3101) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77615	1.8914	.94583	2.0070	.74807	2.0354	.32593	.19643	.19555
Stddev	.00401	.0042	.00324	.0146	.00372	.0114	.00170	.00027	.00036
%RSD	.51725	.22360	.34241	.72966	.49670	.56011	.52205	.13657	.18394

#1	.77800	1.8963	.94777	2.0150	.75180	2.0291	.32425	.19632	.19595
#2	.77891	1.8892	.94209	2.0158	.74806	2.0286	.32589	.19623	.19525
#3	.77155	1.8887	.94763	1.9901	.74436	2.0486	.32765	.19673	.19545

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.696	.40199	.19850	.29989	3.0954	1.1152	3.0943	.50096	.06906
Stddev	.059	.00145	.00041	.00049	.0046	.0016	.0207	.00087	.00052
%RSD	.29737	.36170	.20761	.16345	.14704	.14749	.66874	.17433	.75743

#1	19.692	.40034	.19895	.30034	3.0996	1.1142	3.1117	.50190	.06935
#2	19.639	.40251	.19815	.29937	3.0906	1.1144	3.0714	.50080	.06845
#3	19.756	.40310	.19840	.29996	3.0961	1.1171	3.0999	.50017	.06937

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	319.53	.30794	.23206	10.904	.38911	.29736	.15853	1.4547	.65457
Stddev	4.05	.00199	.00057	.091	.00166	.01727	.00594	.0114	.00045
%RSD	1.2660	.64761	.24454	.83653	.42537	5.8086	3.7470	.78430	.06919

#1	323.63	.30579	.23255	10.839	.39102	.31041	.16421	1.4606	.65509
#2	315.54	.30831	.23219	10.865	.38807	.30389	.15236	1.4620	.65435
#3	319.43	.30973	.23144	11.009	.38825	.27777	.15903	1.4416	.65427

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19558	.19815	6.026	.26045	4.6924	1.0521
Stddev	.00230	.00063	.020	.00094	.2390	.9964
%RSD	1.1771	.31580	.3249	.35993	5.0926	94.700

#1	.19810	.19843	6.044	.26130	4.6060	2.1729
#2	.19506	.19859	6.028	.26060	4.5087	.71696
#3	.19358	.19744	6.005	.25945	4.9626	.26656

Sample Name: K2641-02A Acquired: 5/8/2019 17:10:51 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC 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	4005.9	50178.	5580.1	79.924	4202.6
Stddev	8.2	87.	35.2	1.922	5.1
%RSD	.20483	.17397	.63141	2.4052	.12023
#1	4000.4	50191.	5553.7	77.816	4198.1
#2	4001.9	50258.	5566.5	80.376	4201.6
#3	4015.3	50085.	5620.1	81.580	4208.1

Sample Name: CCV06 Acquired: 5/8/2019 17:15:07 Type: Unk
Method: P4-ICP2(v3101) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8941	4.9993	4.8310	4.9674	4.8825	9.6895	9.7056	.24785	2.4552
Stddev	.0132	.0088	.0021	.0233	.0123	.0681	.0826	.00042	.0020
%RSD	.27012	.17577	.04324	.46869	.25213	.70238	.85106	.17049	.08010
#1	4.9090	4.9916	4.8334	4.9847	4.8899	9.6132	9.7514	.24768	2.4569
#2	4.8895	5.0088	4.8296	4.9766	4.8892	9.7112	9.7551	.24833	2.4558
#3	4.8837	4.9974	4.8301	4.9409	4.8682	9.7441	9.6102	.24754	2.4531
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.107	.99715	2.4392	1.2330	5.0141	2.4826	24.281	2.4948	1.2357
Stddev	.011	.00360	.0006	.0048	.0100	.0043	.084	.0037	.0039
%RSD	.04470	.36060	.02240	.39223	.19845	.17427	.34482	.14637	.31783
#1	25.119	.99776	2.4392	1.2373	5.0141	2.4834	24.184	2.4985	1.2381
#2	25.097	1.0004	2.4386	1.2340	5.0240	2.4865	24.328	2.4948	1.2379
#3	25.105	.99329	2.4397	1.2278	5.0041	2.4779	24.331	2.4912	1.2312
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.413	2.5075	2.4193	24.489	4.9051	4.9235	4.9211	4.9597	4.9090
Stddev	.041	.0036	.0010	.067	.0187	.0194	.0181	.0455	.0043
%RSD	.16847	.14401	.03952	.27404	.38081	.39508	.36735	.91688	.08797
#1	24.388	2.5116	2.4204	24.435	4.9206	4.9458	4.9140	4.9473	4.9041
#2	24.391	2.5049	2.4187	24.467	4.9103	4.9148	4.9417	5.0101	4.9120
#3	24.461	2.5060	2.4189	24.564	4.8844	4.9098	4.9077	4.9217	4.9109
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9630	5.0236	5.140	4.9980	2.9051	3.3170			
Stddev	.0161	.0143	.005	.0100	.0900	.4438			
%RSD	.32503	.28486	.0969	.19972	3.0984	13.380			
#1	4.9444	5.0099	5.146	5.0019	2.8875	2.8145			
#2	4.9712	5.0385	5.137	5.0054	3.0026	3.4814			
#3	4.9734	5.0225	5.137	4.9866	2.8252	3.6552			

Sample Name: CCV06 Acquired: 5/8/2019 17:15:07 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC 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	4180.0	52294.	5645.6	81.652	4376.6
Stddev	13.0	82.	33.6	2.050	3.3
%RSD	.31024	.15605	.59523	2.5109	.07477
#1	4166.3	52210.	5625.0	82.300	4373.6
#2	4181.4	52300.	5627.3	79.356	4380.1
#3	4192.2	52373.	5684.4	83.300	4376.1

Sample Name: CCB06 Acquired: 5/8/2019 17:19:11 Type: Unk
Method: P4-ICP2(v3101) 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	.00082	-.00021	-.00273	-.00195	-.00028	-.01937	-.00003	-.00005
Stddev	.00159	.00041	.00052	.00358	.00088	.00557	.00036	.00008
%RSD	193.69	193.96	19.152	183.15	315.83	28.754	1157.3	162.20

#1	-.00064	-.00068	-.00327	-.00179	.00042	-.02435	.00037	-.00006
#2	.00059	.00001	-.00269	.00154	.00001	-.01336	-.00033	.00003
#3	.00251	.00004	-.00223	-.00561	-.00126	-.02040	-.00014	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00253	-.00049	.00004	-.00100	-.00517	-.00028	-.00589
Stddev	.00003	.00743	.00012	.00016	.00021	.00083	.00005	.00527
%RSD	113.18	293.87	25.079	411.26	20.821	16.019	16.491	89.467

#1	.00007	-.00601	-.00051	.00005	-.00079	-.00611	-.00023	-.01189
#2	.00002	.00756	-.00036	.00019	-.00120	-.00482	-.00029	-.00199
#3	-.00000	.00604	-.00060	-.00013	-.00101	-.00457	-.00033	-.00380

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00018	.00135	-.00017	-.00257	-.16333	.00059	.00325
Stddev	.00039	.00015	.00367	.00025	.00003	.01310	.00014	.01683
%RSD	81.557	85.854	270.99	145.25	1.2141	8.0206	24.557	518.50

#1	.00065	.00014	-.00283	-.00028	-.00255	-.14822	.00076	-.00528
#2	.00003	.00004	.00290	.00012	-.00261	-.17142	.00050	.02263
#3	.00074	.00034	.00400	-.00035	-.00256	-.17036	.00051	-.00761

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	.00026	-.00072	.00147	-.00086	.0004	.00003	1.3381
Stddev	.00250	.00179	.00082	.00047	.00115	.0014	.00006	.1634
%RSD	48.406	700.43	114.39	32.200	134.23	336.2	229.69	12.211

#1	-.00803	-.00081	.00019	.00200	-.00138	.0021	-.00000	1.3188
#2	-.00409	-.00075	-.00141	.00131	.00046	-.0004	.00009	1.5103
#3	-.00339	.00232	-.00093	.00109	-.00166	-.0004	-.00001	1.1852

Sample Name: CCB06 Acquired: 5/8/2019 17:19:11 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.8642
 %RSD 456.42

#1 1.2692
 #2 -2.4153
 #3 -.07922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4344.8	54733.	5664.4	84.472	4928.1
Stddev	6.1	149.	23.2	.132	2.3
%RSD	.14097	.27224	.40907	.15609	.04700

#1	4351.8	54572.	5647.6	84.617	4925.5
#2	4340.5	54761.	5654.9	84.442	4928.7
#3	4342.0	54867.	5690.9	84.358	4930.0

Sample Name: K2641-04 Acquired: 5/8/2019 17:23:40 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 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	-.00255	.00242	.00029	-.00253	.05072	.12981	.00005
Stddev	.00198	.00077	.00047	.00034	.00126	.00920	.00017	.00003
%RSD	375.68	30.227	19.333	116.16	49.827	18.140	.12856	58.762

#1	.00219	-.00217	.00209	.00061	-.00321	.05588	.12962	.00003
#2	.00105	-.00343	.00296	-.00006	-.00330	.04010	.12994	.00008
#3	-.00166	-.00204	.00221	.00031	-.00108	.05618	.12986	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	54.585	-.00012	.00173	.00714	.01011	.50183	1.9960
Stddev	.00007	.126	.00039	.00004	.00027	.00045	.00016	.0656
%RSD	54.716	.23084	330.74	2.1318	3.7839	4.4522	.03172	3.2848

#1	-.00009	54.439	.00010	.00171	.00745	.01009	.50164	1.9558
#2	-.00022	54.659	-.00057	.00170	.00698	.01057	.50192	1.9605
#3	-.00009	54.656	.00012	.00177	.00699	.00967	.50192	2.0716

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00095	302.72	-.00188	.03307	.56415	.00018	.01466
Stddev	.00007	.00021	1.00	.00028	.00009	.03206	.00018	.00876
%RSD	4.6307	21.911	.33182	14.738	.28627	5.6832	103.66	59.766

#1	.00156	-.00116	303.77	-.00163	.03310	.53252	.00038	.02064
#2	.00160	-.00092	302.62	-.00218	.03314	.59663	.00003	.01875
#3	.00146	-.00075	301.76	-.00182	.03296	.56330	.00012	.00460

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19467	.74475	-.00195	.00059	.00306	.0059	.21554	4.7353
Stddev	.00171	.00821	.00087	.00270	.00203	.0016	.00063	.1252
%RSD	.87883	1.1027	44.355	458.46	66.414	26.18	.29060	2.6429

#1	.19483	.73590	-.00268	.00082	.00101	.0061	.21577	4.8321
#2	.19289	.75213	-.00099	.00316	.00311	.0074	.21483	4.5939
#3	.19630	.74623	-.00218	-.00222	.00508	.0043	.21602	4.7798

Sample Name: K2641-04 Acquired: 5/8/2019 17:23:40 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8687
Stddev	.7734
%RSD	13.179

#1	4.9869
#2	6.1867
#3	6.4324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.2	49615.	5496.0	79.593	4175.0
Stddev	14.7	138.	19.4	.348	10.3
%RSD	.36904	.27896	.35223	.43672	.24623

#1	3953.4	49455.	5502.3	79.694	4165.8
#2	3980.2	49685.	5474.3	79.878	4173.1
#3	3977.1	49704.	5511.4	79.206	4186.1

Sample Name: K2641-06 Acquired: 5/8/2019 17:28:15 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 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	-.00408	.00295	.00005	-.00069	.31078	.11918	.00009
Stddev	.00210	.00063	.00048	.00215	.00100	.01557	.00037	.00001
%RSD	373.00	15.466	16.108	4397.6	143.77	5.0108	.31264	13.176

#1	.00163	-.00374	.00240	.00206	-.00175	.32852	.11890	.00011
#2	-.00078	-.00481	.00321	.00031	.00023	.29937	.11903	.00009
#3	-.00254	-.00369	.00324	-.00222	-.00055	.30444	.11960	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	24.887	.00042	.00242	.00600	.29802	.46054	1.2951
Stddev	.00011	.108	.00059	.00020	.00040	.00125	.00097	.0207
%RSD	167.85	.43496	138.24	8.2723	6.5925	.41846	.21017	1.6009

#1	-.00018	24.907	-.00005	.00231	.00564	.29916	.45958	1.2907
#2	.00004	24.770	.00024	.00265	.00642	.29669	.46053	1.3177
#3	-.00005	24.984	.00108	.00230	.00593	.29823	.46152	1.2769

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00024	329.17	-.00097	.05231	.73373	-.00013	.00327
Stddev	.00028	.00022	2.96	.00004	.00043	.05203	.00015	.00899
%RSD	12.980	91.469	.89961	4.5446	.81884	7.0906	120.66	274.66

#1	.00196	-.00050	325.76	-.00092	.05189	.68019	.00005	.00826
#2	.00247	-.00009	330.71	-.00101	.05231	.78409	-.00024	-.00710
#3	.00202	-.00014	331.05	-.00099	.05274	.73690	-.00019	.00865

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18645	.93420	-.00191	.01167	.00410	.0116	.10143	4.6578
Stddev	.00204	.01157	.00070	.00125	.00098	.0023	.00015	.0835
%RSD	1.0955	1.2390	36.505	10.678	23.782	19.63	.15054	1.7936

#1	.18633	.94738	-.00113	.01165	.00303	.0107	.10157	4.7130
#2	.18855	.92952	-.00211	.01043	.00435	.0142	.10144	4.5617
#3	.18447	.92569	-.00248	.01292	.00494	.0099	.10127	4.6987

Sample Name: K2641-06 Acquired: 5/8/2019 17:28:15 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7269
Stddev .4523
%RSD 7.8984

#1 6.2492
#2 5.4609
#3 5.4707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3995.0	49868.	5493.1	79.683	4192.5
Stddev	9.1	48.	46.1	.373	2.6
%RSD	.22713	.09675	.83907	.46852	.06108

#1	3984.6	49836.	5440.2	79.958	4190.8
#2	4001.3	49845.	5524.4	79.833	4195.4
#3	3999.1	49924.	5514.7	79.258	4191.3

Sample Name: K2641-08 Acquired: 5/8/2019 17:32:48 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00400	.00206	.00028	-.00239	.11970	.09741	.00003
Stddev	.00090	.00117	.00104	.00193	.00219	.00953	.00129	.00008
%RSD	112.47	29.298	50.649	701.27	91.732	7.9627	1.3227	288.76

#1	.00101	-.00507	.00288	-.00069	-.00299	.11391	.09866	.00010
#2	-.00019	-.00275	.00088	.00250	.00004	.11448	.09608	.00005
#3	.00157	-.00419	.00242	-.00098	-.00422	.13070	.09748	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	32.907	.00076	.00189	.00654	.08957	.38171	1.2639
Stddev	.00005	.104	.00031	.00015	.00041	.00061	.00118	.0372
%RSD	39.678	.31654	40.655	7.6955	6.2328	.67663	.30805	2.9437

#1	-.00008	32.788	.00041	.00173	.00678	.09025	.38039	1.2362
#2	-.00014	32.955	.00089	.00192	.00676	.08910	.38214	1.3062
#3	-.00019	32.980	.00099	.00202	.00607	.08936	.38262	1.2493

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	-.00021	292.74	-.00135	.03236	.63012	-.00017	.02071
Stddev	.00006	.00054	2.63	.00029	.00007	.03952	.00017	.01447
%RSD	2.3020	258.62	.89707	21.591	.20274	6.2711	100.71	69.846

#1	.00243	.00028	289.81	-.00153	.03239	.62668	-.00032	.03066
#2	.00239	-.00079	294.90	-.00151	.03241	.59243	-.00021	.00412
#3	.00250	-.00011	293.50	-.00102	.03229	.67124	.00002	.02736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32430	1.0180	-.00311	.00324	.00487	.0025	.13582	5.1594
Stddev	.00192	.0075	.00056	.00190	.00067	.0006	.00033	.1149
%RSD	.59207	.73131	18.181	58.715	13.728	24.57	.24074	2.2270

#1	.32421	1.0103	-.00303	.00302	.00418	.0024	.13586	5.0450
#2	.32626	1.0252	-.00370	.00523	.00552	.0019	.13613	5.1585
#3	.32242	1.0187	-.00258	.00145	.00491	.0031	.13548	5.2748

Sample Name: K2641-08 Acquired: 5/8/2019 17:32:48 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.6535
Stddev .7081
%RSD 12.525

#1 6.2939
#2 5.7735
#3 4.8930

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3996.7	50111.	5570.9	80.053	4202.5
Stddev	12.3	92.	24.9	2.218	10.1
%RSD	.30719	.18437	.44786	2.7703	.23975

#1	3983.5	50011.	5591.6	81.075	4191.5
#2	3999.1	50127.	5543.2	81.575	4204.7
#3	4007.7	50194.	5577.8	77.508	4211.3

Sample Name: K2641-10 Acquired: 5/8/2019 17:37:22 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00367	.15780	-.00056	-.00076	.25744	.12799	.00003
Stddev	.00212	.00152	.00087	.00425	.00200	.00232	.00054	.00004
%RSD	413.03	41.382	.55017	753.36	264.34	.90265	.41959	127.13

#1	.00042	-.00535	.15714	.00404	.00036	.26011	.12835	.00007
#2	.00268	-.00325	.15747	-.00433	.00044	.25592	.12737	-.00001
#3	-.00155	-.00240	.15878	-.00141	-.00307	.25628	.12824	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	42.886	.00045	.00158	.00419	.15857	.37106	1.0706
Stddev	.00005	.088	.00044	.00018	.00029	.00278	.00213	.0281
%RSD	85.767	.20422	97.877	11.196	6.9400	1.7509	.57318	2.6213

#1	-.00003	42.942	-.00002	.00156	.00422	.15873	.37256	1.0819
#2	-.00003	42.785	.00053	.00176	.00446	.15572	.36862	1.0913
#3	-.00012	42.931	.00085	.00141	.00388	.16126	.37199	1.0387

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00008	307.83	-.00127	.04382	.67070	-.00015	.01387
Stddev	.00017	.00012	1.29	.00011	.00004	.04708	.00029	.00308
%RSD	9.2433	148.84	.42054	8.6528	.10118	7.0198	194.58	22.239

#1	.00165	-.00015	306.34	-.00135	.04377	.62571	-.00041	.01316
#2	.00196	.00006	308.46	-.00132	.04386	.66677	.00017	.01724
#3	.00192	-.00015	308.68	-.00115	.04382	.71962	-.00021	.01120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42921	1.6867	-.00335	.00682	.00546	.0074	.19602	4.6148
Stddev	.00638	.0144	.00039	.00114	.00052	.0009	.00050	.3305
%RSD	1.4862	.85087	11.772	16.666	9.4418	11.71	.25391	7.1622

#1	.43464	1.6807	-.00331	.00796	.00491	.0070	.19638	4.9759
#2	.43079	1.6764	-.00377	.00568	.00553	.0084	.19546	4.5413
#3	.42218	1.7031	-.00298	.00682	.00593	.0068	.19624	4.3272

Sample Name: K2641-10 Acquired: 5/8/2019 17:37:22 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.0023
Stddev .8208
%RSD 13.676

#1 5.1974
#2 5.9712
#3 6.8383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3996.8	49976.	5564.5	79.989	4191.2
Stddev	12.5	226.	23.2	.928	18.9
%RSD	.31286	.45290	.41659	1.1604	.45002

#1	3982.3	49886.	5540.0	80.958	4169.4
#2	4004.6	50234.	5586.1	79.108	4202.2
#3	4003.4	49809.	5567.3	79.900	4201.9

Sample Name: K2643-02 Acquired: 5/8/2019 17:41:55 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-050719 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	-.00384	.00029	-.00095	-.00127	.10109	.08316	.00005
Stddev	.00170	.00064	.00011	.00159	.00211	.00624	.00057	.00002
%RSD	158.88	16.636	39.205	168.45	166.36	6.1776	.68089	35.542

#1	.00047	-.00458	.00020	.00042	-.00342	.10755	.08299	.00003
#2	-.00078	-.00351	.00041	-.00269	.00080	.10063	.08380	.00007
#3	-.00289	-.00343	.00025	-.00056	-.00119	.09508	.08271	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	19.750	-.00017	.00280	.00587	.41152	.63408	2.8915
Stddev	.00006	.123	.00005	.00010	.00052	.00052	.00019	.0097
%RSD	42.113	.62281	29.783	3.5186	8.8521	.12725	.03056	.33623

#1	-.00007	19.641	-.00012	.00277	.00540	.41211	.63391	2.8856
#2	-.00018	19.726	-.00023	.00291	.00643	.41133	.63402	2.9027
#3	-.00015	19.883	-.00017	.00272	.00578	.41112	.63429	2.8861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.00009	334.34	-.00220	.02229	.54546	.00010	.01803
Stddev	.00041	.00024	3.38	.00032	.00007	.03504	.00027	.00236
%RSD	17.112	252.99	1.0100	14.727	.29977	6.4233	263.66	13.082

#1	.00212	.00018	335.93	-.00194	.02225	.50923	-.00021	.02068
#2	.00217	-.00018	336.62	-.00256	.02236	.54799	.00024	.01616
#3	.00285	-.00028	330.46	-.00210	.02224	.57916	.00027	.01724

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29235	.63731	-.00289	.00192	.00356	.0033	.06083	4.2136
Stddev	.00110	.00335	.00073	.00249	.00129	.0015	.00035	.1505
%RSD	.37633	.52547	25.390	129.57	36.231	43.88	.57076	3.5712

#1	.29258	.63404	-.00238	.00183	.00349	.0039	.06063	4.2460
#2	.29331	.63715	-.00373	.00445	.00231	.0045	.06063	4.3452
#3	.29115	.64074	-.00256	-.00052	.00489	.0017	.06123	4.0496

Sample Name: K2643-02 Acquired: 5/8/2019 17:41:55 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-050719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8855
Stddev	.3947
%RSD	8.0780

#1	4.4300
#2	5.1250
#3	5.1014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3991.4	49414.	5502.4	79.625	4187.6
Stddev	7.4	144.	40.6	1.951	9.1
%RSD	.18536	.29125	.73843	2.4498	.21667

#1	3983.4	49248.	5489.2	77.600	4177.1
#2	3992.9	49508.	5547.9	79.783	4193.7
#3	3998.0	49485.	5469.9	81.492	4191.9

Sample Name: K2643-04 Acquired: 5/8/2019 17:46:28 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00323	.00365	.00034	-.00066	.07449	.08130	.00003
Stddev	.00187	.00153	.00078	.00372	.00095	.01142	.00064	.00007
%RSD	1922.0	47.207	21.400	1106.1	142.65	15.325	.78184	214.21

#1	.00201	-.00262	.00339	-.00393	.00026	.08404	.08063	.00011
#2	-.00074	-.00497	.00453	.00292	-.00163	.07760	.08190	.00001
#3	-.00156	-.00211	.00303	.00201	-.00062	.06185	.08138	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	15.865	.00002	.00319	.00366	.26267	.57121	2.2336
Stddev	.00004	.047	.00031	.00009	.00036	.00237	.00075	.0451
%RSD	49.209	.29704	1704.5	2.8354	9.7790	.90151	.13142	2.0176

#1	-.00011	15.814	-.00027	.00310	.00331	.26034	.57045	2.2222
#2	-.00008	15.907	.00036	.00328	.00364	.26508	.57123	2.2833
#3	-.00004	15.873	-.00003	.00319	.00403	.26260	.57195	2.1954

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00022	310.26	-.00226	.02367	.60548	-.00036	.01182
Stddev	.00027	.00046	.64	.00010	.00004	.04840	.00012	.01788
%RSD	16.239	213.13	.20559	4.3028	.17017	7.9938	32.640	151.32

#1	.00192	-.00041	310.74	-.00236	.02370	.56043	-.00029	.03084
#2	.00139	-.00055	309.54	-.00225	.02362	.59936	-.00050	.00927
#3	.00177	.00031	310.52	-.00217	.02367	.65665	-.00029	-.00466

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10495	.42723	-.00306	.00252	.00353	.0066	.04941	3.8884
Stddev	.00281	.00675	.00149	.00086	.00125	.0006	.00021	.2660
%RSD	2.6817	1.5810	48.571	34.279	35.325	8.539	.43001	6.8418

#1	.10232	.43328	-.00175	.00349	.00318	.0072	.04953	3.5862
#2	.10792	.42845	-.00468	.00224	.00492	.0061	.04953	4.0873
#3	.10460	.41994	-.00276	.00183	.00250	.0065	.04916	3.9916

Sample Name: K2643-04 Acquired: 5/8/2019 17:46:28 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-050719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4789
Stddev	.9697
%RSD	21.651

#1	3.4832
#2	4.5331
#3	5.4203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.0	50016.	5542.4	79.731	4252.7
Stddev	4.4	140.	20.6	.997	7.8
%RSD	.10987	.27940	.37237	1.2501	.18403

#1	4031.9	50020.	5518.9	78.875	4244.3
#2	4039.0	50154.	5550.8	79.492	4254.1
#3	4040.1	49874.	5557.5	80.825	4259.7

Sample Name: K2645-02 Acquired: 5/8/2019 17:51:02 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00356	-.00186	-.00058	-.00028	.06801	.11010	-.00000
Stddev	.00219	.00132	.00099	.00381	.00085	.00749	.00097	.00008
%RSD	164.41	37.181	53.047	661.04	301.25	11.007	.88254	3754.1

#1	.00085	-.00252	-.00181	.00247	-.00126	.06905	.10933	-.00006
#2	-.00132	-.00505	-.00287	-.00484	.00024	.07492	.10977	.00009
#3	-.00354	-.00310	-.00090	.00064	.00018	.06005	.11119	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	23.405	-.00027	.00367	.00556	.05308	1.0629	2.5066
Stddev	.00001	.154	.00026	.00017	.00041	.00069	.0032	.0112
%RSD	4.7547	.65903	94.939	4.5236	7.4286	1.3059	.30048	.44559

#1	-.00013	23.254	-.00057	.00354	.00522	.05284	1.0606	2.4944
#2	-.00013	23.400	-.00014	.00362	.00544	.05386	1.0615	2.5093
#3	-.00015	23.562	-.00011	.00386	.00602	.05254	1.0665	2.5162

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	-.00037	245.78	-.00336	.14270	.68618	.00008	.01929
Stddev	.00007	.00027	2.37	.00018	.00043	.02608	.00020	.01080
%RSD	4.9164	72.967	.96451	5.3954	.29944	3.8010	260.46	55.996

#1	.00142	-.00051	244.19	-.00322	.14292	.66542	-.00013	.03047
#2	.00129	-.00006	244.65	-.00356	.14221	.67765	.00027	.00891
#3	.00135	-.00054	248.50	-.00330	.14297	.71545	.00009	.01849

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24751	1.2566	-.00257	.00313	.00322	.0077	.06891	4.4969
Stddev	.00367	.0094	.00026	.00093	.00029	.0014	.00008	.1342
%RSD	1.4832	.74382	10.160	29.793	8.9382	18.03	.11739	2.9841

#1	.25132	1.2553	-.00287	.00207	.00289	.0061	.06889	4.3851
#2	.24399	1.2665	-.00246	.00346	.00335	.0088	.06885	4.4600
#3	.24722	1.2480	-.00239	.00385	.00342	.0083	.06900	4.6457

Sample Name: K2645-02 Acquired: 5/8/2019 17:51:02 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7276
 Stddev .1813
 %RSD 3.8342

#1 4.6636
 #2 4.9322
 #3 4.5871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4033.9	50643.	5562.1	80.567	4276.9
Stddev	6.5	150.	23.9	.386	4.4
%RSD	.16168	.29541	.42949	.47949	.10311

#1	4032.9	50643.	5546.6	80.842	4272.5
#2	4028.0	50792.	5550.2	80.733	4276.9
#3	4040.9	50493.	5589.6	80.125	4281.3

Sample Name: K2645-04 Acquired: 5/8/2019 17:55:34 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-050719 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	-.00284	-.00319	.00083	-.00075	.07042	.20210	.00014
Stddev	.00110	.00082	.00090	.00095	.00080	.00513	.00158	.00004
%RSD	195.85	28.819	28.124	114.93	107.00	7.2825	.78128	28.259

#1	-.00070	-.00378	-.00313	.00191	.00008	.07188	.20175	.00012
#2	.00116	-.00243	-.00411	.00044	-.00152	.06472	.20072	.00012
#3	.00123	-.00231	-.00232	.00013	-.00080	.07467	.20382	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	38.059	-.00029	.00375	.00703	.02376	.87895	8.0543
Stddev	.00007	.151	.00029	.00021	.00016	.00088	.00024	.1136
%RSD	48.648	.39792	99.520	5.6960	2.2218	3.6895	.02675	1.4110

#1	-.00010	37.889	-.00035	.00360	.00721	.02285	.87892	8.0277
#2	-.00023	38.180	-.00055	.00400	.00693	.02381	.87874	7.9563
#3	-.00011	38.109	.00002	.00366	.00696	.02460	.87920	8.1789

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.00018	269.38	-.00293	.03162	.39151	-.00003	.00370
Stddev	.00025	.00015	1.73	.00025	.00013	.01246	.00008	.01263
%RSD	11.443	80.849	.64302	8.4015	.41791	3.1838	292.96	341.35

#1	.00197	-.00033	268.25	-.00270	.03151	.38180	-.00008	.01627
#2	.00248	-.00016	268.52	-.00291	.03177	.38716	-.00007	-.00899
#3	.00222	-.00004	271.37	-.00319	.03159	.40556	.00007	.00383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24559	.55201	-.00252	.00200	.00357	.0007	.07223	4.4819
Stddev	.00362	.00443	.00015	.00105	.00207	.0022	.00010	.1910
%RSD	1.4725	.80295	5.9813	52.356	58.106	311.6	.13839	4.2606

#1	.24952	.55159	-.00248	.00269	.00119	.0031	.07216	4.5487
#2	.24484	.55663	-.00269	.00080	.00500	.0001	.07218	4.2665
#3	.24241	.54780	-.00239	.00251	.00451	-.0011	.07234	4.6305

Sample Name: K2645-04 Acquired: 5/8/2019 17:55:34 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.5703
 Stddev .1958
 %RSD 3.5156

#1 5.3443
 #2 5.6784
 #3 5.6882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4028.5	50531.	5623.2	81.839	4239.3
Stddev	13.3	71.	35.6	.282	11.5
%RSD	.33013	.14140	.63370	.34461	.27068

#1	4013.3	50483.	5601.1	82.150	4231.7
#2	4033.9	50613.	5604.3	81.600	4233.8
#3	4038.1	50498.	5664.3	81.767	4252.5

Sample Name: K2645-06 Acquired: 5/8/2019 18:00:09 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	-.00308	-.00274	-.00073	-.00195	.20639	.12727	.00017
Stddev	.00252	.00110	.00108	.00054	.00136	.00806	.00226	.00008
%RSD	124.02	35.806	39.457	73.190	69.857	3.9067	1.7735	47.279

#1	.00265	-.00192	-.00394	-.00115	-.00061	.21019	.12897	.00015
#2	.00418	-.00319	-.00245	-.00092	-.00333	.21184	.12812	.00010
#3	-.00074	-.00412	-.00183	-.00013	-.00190	.19713	.12471	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	18.530	.00022	.00157	.04012	.16362	.64294	5.3167
Stddev	.00008	.044	.00031	.00014	.00042	.00220	.00491	.0073
%RSD	60.641	.23889	139.99	8.6922	1.0365	1.3442	.76359	.13632

#1	-.00020	18.494	.00052	.00152	.04059	.16187	.63962	5.3096
#2	-.00005	18.516	-.00009	.00173	.03998	.16291	.64062	5.3241
#3	-.00013	18.579	.00022	.00148	.03980	.16609	.64858	5.3164

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00033	263.72	-.00208	.04181	.42979	-.00024	.00616
Stddev	.00016	.00008	3.88	.00007	.00027	.00418	.00012	.01279
%RSD	8.9984	25.360	1.4724	3.4037	.65642	.97320	50.051	207.65

#1	.00171	-.00037	262.72	-.00210	.04196	.43394	-.00024	.01259
#2	.00174	-.00039	268.00	-.00200	.04198	.42557	-.00012	.01446
#3	.00200	-.00024	260.43	-.00214	.04150	.42986	-.00035	-.00857

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15098	.69873	-.00310	.00600	.00298	.0060	.04190	3.0506
Stddev	.00109	.01189	.00009	.00021	.00077	.0013	.00017	.2038
%RSD	.72119	1.7022	2.9539	3.4640	25.943	22.03	.41728	6.6800

#1	.15150	.69155	-.00317	.00608	.00267	.0071	.04203	2.8690
#2	.14973	.69218	-.00313	.00576	.00241	.0045	.04170	3.2710
#3	.15172	.71246	-.00299	.00615	.00386	.0065	.04196	3.0118

Sample Name: K2645-06 Acquired: 5/8/2019 18:00:09 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1001
Stddev	1.6094
%RSD	31.557

#1	4.0121
#2	4.3393
#3	6.9488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4082.2	50634.	5574.6	81.819	4301.2
Stddev	12.6	360.	26.2	1.106	5.8
%RSD	.30979	.71105	.46943	1.3512	.13384

#1	4075.0	50404.	5575.6	80.567	4302.3
#2	4096.8	50449.	5600.3	82.658	4306.4
#3	4074.8	51049.	5548.0	82.233	4295.0

Sample Name: K2645-08 Acquired: 5/8/2019 18:04:42 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	-.00254	-.00127	-.00017	-.00123	.11946	.20472	.00010
Stddev	.00147	.00071	.00063	.00093	.00270	.01283	.00187	.00005
%RSD	52.477	27.983	49.863	545.70	219.37	10.743	.91106	53.748

#1	-.00421	-.00310	-.00155	-.00029	.00189	.10564	.20269	.00006
#2	-.00290	-.00174	-.00054	-.00103	-.00279	.13100	.20511	.00008
#3	-.00128	-.00278	-.00171	.00081	-.00279	.12175	.20636	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	15.434	-.00031	.00330	.02338	.06689	.85284	3.2995
Stddev	.00004	.056	.00017	.00014	.00025	.00077	.00167	.0589
%RSD	113.66	.36587	55.376	4.3008	1.0884	1.1460	.19600	1.7850

#1	.00003	15.380	-.00051	.00345	.02317	.06652	.85119	3.2566
#2	.00007	15.493	-.00019	.00317	.02331	.06637	.85281	3.2753
#3	-.00001	15.429	-.00024	.00328	.02366	.06777	.85453	3.3667

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00019	300.46	-.00309	.05067	.57582	-.00014	.01454
Stddev	.00041	.00019	1.24	.00046	.00031	.02447	.00009	.00415
%RSD	15.612	100.40	.41367	14.878	.61446	4.2503	59.967	28.547

#1	.00309	-.00038	299.59	-.00279	.05049	.56174	-.00016	.01853
#2	.00246	-.00019	299.91	-.00287	.05048	.56165	-.00022	.01484
#3	.00232	.00000	301.89	-.00362	.05102	.60408	-.00005	.01025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22633	.70361	-.00300	.00344	.00190	.0070	.05012	3.6118
Stddev	.00209	.00319	.00060	.00152	.00106	.0016	.00009	.2054
%RSD	.92170	.45286	20.152	44.229	55.626	22.99	.17964	5.6879

#1	.22780	.70256	-.00309	.00359	.00079	.0058	.05012	3.5749
#2	.22394	.70719	-.00236	.00488	.00203	.0063	.05022	3.4274
#3	.22725	.70108	-.00355	.00185	.00289	.0088	.05004	3.8332

Sample Name: K2645-08 Acquired: 5/8/2019 18:04:42 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6055
Stddev	.6311
%RSD	13.704

#1	4.6175
#2	3.9685
#3	5.2306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4043.6	50105.	5515.2	79.156	4261.1
Stddev	5.9	19.	15.1	.929	8.7
%RSD	.14628	.03846	.27428	1.1731	.20519

#1	4045.8	50084.	5504.2	79.692	4258.4
#2	4036.9	50120.	5508.9	79.692	4254.1
#3	4048.1	50112.	5532.4	78.083	4270.9

Sample Name: CCV07 Acquired: 5/8/2019 18:09:15 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14934 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9616	5.0759	4.8881	5.0357	4.9322	9.6698	9.9166	.25075
Stddev	.0116	.0066	.0122	.0046	.0030	.0093	.0474	.00034
%RSD	.23449	.12942	.24906	.09063	.06105	.09627	.47775	.13524
#1	4.9665	5.0833	4.9013	5.0409	4.9294	9.6711	9.9363	.25059
#2	4.9701	5.0733	4.8773	5.0329	4.9320	9.6784	9.9509	.25052
#3	4.9484	5.0710	4.8856	5.0332	4.9354	9.6599	9.8625	.25114
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4811	25.213	1.0010	2.4689	1.2406	5.0566	2.5105	24.305
Stddev	.0051	.031	.0019	.0067	.0029	.0101	.0048	.133
%RSD	.20690	.12340	.18669	.27118	.23629	.20049	.18987	.54656
#1	2.4852	25.177	1.0020	2.4760	1.2428	5.0473	2.5077	24.405
#2	2.4753	25.236	1.0022	2.4628	1.2417	5.0552	2.5078	24.355
#3	2.4826	25.225	.99886	2.4678	1.2372	5.0674	2.5160	24.154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5292	1.2416	24.608	2.5261	2.4489	24.800	4.9613	4.9797
Stddev	.0052	.0009	.046	.0024	.0037	.121	.0132	.0488
%RSD	.20401	.07183	.18571	.09615	.15204	.48602	.26552	.98107
#1	2.5331	1.2407	24.583	2.5243	2.4517	24.868	4.9685	5.0242
#2	2.5233	1.2425	24.661	2.5253	2.4447	24.872	4.9694	4.9875
#3	2.5311	1.2416	24.581	2.5289	2.4502	24.661	4.9461	4.9274
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0260	4.9576	4.9765	4.9860	5.0198	5.220	5.0494	F 3.5239
Stddev	.0164	.0396	.0095	.0184	.0225	.009	.0178	.0888
%RSD	.32663	.79833	.19118	.36795	.44764	.1732	.35335	2.5209
#1	5.0408	4.9123	4.9854	4.9681	4.9967	5.230	5.0331	3.5501
#2	5.0287	4.9753	4.9665	5.0047	5.0415	5.212	5.0685	3.4249
#3	5.0083	4.9852	4.9776	4.9851	5.0212	5.218	5.0465	3.5966

Sample Name: CCV07 Acquired: 5/8/2019 18:09:15 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14934 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.1316
 Stddev .5378
 %RSD 17.173

#1 3.0521
 #2 3.7047
 #3 2.6380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4185.7	52502.	5666.7	81.876	4381.6
Stddev	15.1	192.	22.6	.223	14.0
%RSD	.36028	.36525	.39887	.27224	.31945

#1	4173.9	52519.	5692.7	81.650	4365.5
#2	4180.7	52302.	5651.3	81.883	4388.3
#3	4202.7	52684.	5656.2	82.096	4391.0

Sample Name: CCB07 Acquired: 5/8/2019 18:13:16 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14934 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00053	-.00530	-.00154	-.00112	-.02569	-.00046	.00006
Stddev	.00148	.00030	.00072	.00059	.00171	.00971	.00027	.00005
%RSD	393.74	56.466	13.497	37.870	151.97	37.792	59.405	77.720

#1	.00003	-.00018	-.00597	-.00213	-.00199	-.03678	-.00036	.00011
#2	.00200	-.00072	-.00455	-.00154	-.00222	-.01870	-.00025	.00004
#3	-.00090	-.00068	-.00539	-.00096	.00084	-.02160	-.00076	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00725	-.00010	.00019	-.00063	-.00565	-.00031	.02051
Stddev	.00006	.00464	.00027	.00017	.00050	.00060	.00001	.02807
%RSD	101.73	64.075	275.72	93.097	78.539	10.701	4.6109	136.85

#1	.00011	.00347	-.00007	.00002	-.00073	-.00617	-.00030	-.01188
#2	-.00001	.01243	-.00037	.00036	-.00107	-.00499	-.00032	.03571
#3	.00010	.00584	.00015	.00017	-.00009	-.00580	-.00029	.03770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	.00002	.02981	-.00079	-.00275	-.26151	.00033	.00492
Stddev	.00029	.00018	.00477	.00041	.00010	.04978	.00020	.00835
%RSD	42.026	878.88	16.007	52.473	3.5145	19.037	61.148	169.80

#1	.00065	.00023	.02492	-.00074	-.00271	-.23397	.00027	.00619
#2	.00043	-.00010	.03446	-.00122	-.00268	-.31897	.00055	.01255
#3	.00101	-.00007	.03005	-.00040	-.00286	-.23158	.00016	-.00400

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00455	-.00020	-.00156	.00129	-.00166	.0005	-.00013	F .64780
Stddev	.00299	.00220	.00081	.00199	.00053	.0004	.00004	.26144
%RSD	65.837	1124.8	52.021	154.31	32.229	83.33	28.635	40.358

#1	-.00417	-.00144	-.00086	-.00097	-.00154	.0003	-.00011	.83834
#2	-.00176	.00234	-.00245	.00278	-.00119	.0002	-.00012	.34975
#3	-.00772	-.00149	-.00138	.00205	-.00224	.0010	-.00018	.75533

Sample Name: CCB07 Acquired: 5/8/2019 18:13:16 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14934 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .02013
Stddev	.31530
%RSD	1566.0

#1	.21486
#2	-.34364
#3	.18918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4396.7	55408.	5709.4	83.981	4986.8
Stddev	9.1	151.	12.3	.043	13.5
%RSD	.20790	.27284	.21581	.05092	.27132

#1	4390.1	55338.	5712.4	83.992	4976.0
#2	4392.8	55304.	5695.8	83.933	4982.4
#3	4407.1	55581.	5719.9	84.017	5002.0

Sample Name: K2645-10 Acquired: 5/8/2019 18:17:45 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	-.00339	-.00338	.00067	-.00148	.05397	.21702	.00011
Stddev	.00186	.00080	.00075	.00128	.00081	.01761	.00105	.00005
%RSD	154.15	23.529	22.054	191.93	54.893	32.630	.48441	42.284

#1	-.00334	-.00425	-.00276	.00049	-.00146	.06207	.21739	.00015
#2	-.00035	-.00323	-.00318	-.00051	-.00067	.06607	.21783	.00011
#3	.00007	-.00268	-.00421	.00203	-.00230	.03377	.21583	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	31.568	-.00036	.00518	.01326	.01654	.93341	5.9343
Stddev	.00015	.131	.00042	.00006	.00031	.00033	.00120	.0345
%RSD	100.57	.41622	114.94	1.1006	2.3219	2.0019	.12909	.58135

#1	.00031	31.418	.00008	.00524	.01307	.01661	.93232	5.9653
#2	.00013	31.659	-.00042	.00517	.01309	.01683	.93470	5.8972
#3	.00001	31.628	-.00075	.00513	.01361	.01618	.93320	5.9405

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00503	-.00013	311.42	-.00287	.29308	.92268	-.00004	.01606
Stddev	.00016	.00068	2.29	.00003	.00043	.01615	.00016	.00210
%RSD	3.2350	511.81	.73458	1.2172	.14590	1.7499	356.96	13.052

#1	.00520	-.00081	309.12	-.00284	.29267	.92755	-.00014	.01848
#2	.00487	.00055	311.45	-.00286	.29306	.93583	-.00012	.01479
#3	.00503	-.00014	313.69	-.00291	.29353	.90466	.00014	.01492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20024	.76237	-.00185	.00199	.00168	.0023	.07680	3.6714
Stddev	.00133	.00896	.00073	.00115	.00085	.0015	.00018	.0794
%RSD	.66403	1.1748	39.612	57.797	50.503	62.85	.23551	2.1628

#1	.20173	.75307	-.00231	.00119	.00099	.0007	.07667	3.7474
#2	.19984	.77094	-.00100	.00331	.00142	.0029	.07672	3.6779
#3	.19916	.76309	-.00223	.00148	.00263	.0034	.07701	3.5890

Sample Name: K2645-10 Acquired: 5/8/2019 18:17:45 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-050719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3602
 Stddev .1007
 %RSD 1.5831

#1 6.4266
 #2 6.2444
 #3 6.4097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4024.9	50104.	5567.6	80.139	4229.5
Stddev	6.0	111.	21.8	.467	4.1
%RSD	.14981	.22113	.39094	.58310	.09676

#1	4018.2	50027.	5589.6	79.658	4227.8
#2	4026.6	50231.	5567.1	80.167	4226.5
#3	4029.9	50054.	5546.1	80.592	4234.2

Sample Name: K2698-02 Acquired: 5/8/2019 18:22:19 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STOCKPILE 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	-.00361	-.00378	.00153	-.00174	.01312	.05908	-.00000
Stddev	.00312	.00084	.00029	.00133	.00097	.01070	.00029	.00003
%RSD	274.00	23.191	7.6052	86.926	55.833	81.561	.49455	851.70

#1	-.00221	-.00397	-.00345	.00059	-.00141	.01274	.05892	.00002
#2	.00167	-.00420	-.00392	.00306	-.00098	.02400	.05942	-.00003
#3	.00397	-.00265	-.00398	.00095	-.00284	.00261	.05890	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	26.084	-.00051	.00154	.00404	.89543	.80731	5.2028
Stddev	.00004	.052	.00006	.00011	.00019	.00428	.00171	.0337
%RSD	14.983	.19879	11.682	7.4246	4.6481	.47753	.21234	.64777

#1	-.00027	26.024	-.00047	.00150	.00425	.89057	.80644	5.1822
#2	-.00029	26.119	-.00048	.00167	.00388	.89712	.80620	5.2417
#3	-.00021	26.108	-.00058	.00145	.00400	.89860	.80928	5.1845

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	-.00022	236.76	-.00281	.11309	2.1703	.00058	.05233
Stddev	.00019	.00039	1.36	.00005	.00025	.0119	.00016	.02028
%RSD	2.6025	175.88	.57300	1.9381	.22489	.55033	28.302	38.750

#1	.00702	-.00060	235.84	-.00276	.11297	2.1616	.00069	.05279
#2	.00739	-.00023	238.32	-.00281	.11292	2.1655	.00066	.03183
#3	.00727	.00017	236.12	-.00287	.11339	2.1839	.00039	.07237

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3788	.44502	-.00282	.00469	.00270	8.841	.08369	4.3319
Stddev	.0008	.00200	.00047	.00123	.00059	.011	.00028	.1125
%RSD	.03379	.44985	16.481	26.173	21.802	.1245	.33936	2.5968

#1	2.3783	.44612	-.00299	.00365	.00335	8.834	.08372	4.4049
#2	2.3797	.44623	-.00230	.00439	.00255	8.835	.08396	4.2024
#3	2.3784	.44271	-.00318	.00605	.00220	8.854	.08339	4.3884

Sample Name: K2698-02 Acquired: 5/8/2019 18:22:19 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STOCKPILE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.2376
 Stddev .3422
 %RSD 6.5338

#1 4.8426
 #2 5.4265
 #3 5.4438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.5	50591.	5539.8	83.697	4322.4
Stddev	11.6	208.	28.7	2.260	7.6
%RSD	.28891	.41187	.51812	2.6996	.17586

#1	4013.0	50371.	5509.0	81.733	4314.2
#2	4027.5	50616.	5565.8	86.167	4329.2
#3	4036.0	50786.	5544.6	83.192	4324.0

Sample Name: K2703-04 Acquired: 5/8/2019 18:26:52 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-3-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00281	.01097	-.00004	-.00037	.00719	.19124	.00004
Stddev	.00064	.00032	.00075	.00095	.00086	.00618	.00050	.00005
%RSD	135.65	11.463	6.8502	2642.1	231.80	85.942	.26396	126.36

#1	.00005	-.00249	.01089	.00089	-.00104	.00649	.19153	-.00002
#2	.00015	-.00313	.01026	.00001	.00060	.01369	.19066	.00008
#3	.00120	-.00280	.01176	-.00101	-.00067	.00139	.19154	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	109.55	-.00074	.00615	.00271	.00174	1.2206	2.4126
Stddev	.00006	.54	.00049	.00012	.00021	.00068	.0006	.0131
%RSD	9.7359	.49130	66.613	1.9699	7.7861	38.885	.05176	.54427

#1	.00059	108.99	-.00053	.00604	.00249	.00113	1.2205	2.4191
#2	.00071	110.07	-.00039	.00628	.00272	.00247	1.2213	2.3974
#3	.00064	109.59	-.00131	.00614	.00292	.00163	1.2200	2.4211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00111	264.30	-.00371	.19560	2.6399	.00092	.06874
Stddev	.00030	.00063	1.78	.00045	.00037	.0196	.00035	.01018
%RSD	10.175	56.166	.67438	12.063	.19031	.74218	38.360	14.816

#1	.00296	-.00154	262.27	-.00386	.19590	2.6185	.00133	.06143
#2	.00318	-.00140	265.06	-.00321	.19572	2.6444	.00075	.08038
#3	.00259	-.00040	265.58	-.00406	.19518	2.6569	.00069	.06443

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9664	1.3303	-.00416	-.00159	.00912	.0038	.39054	5.2061
Stddev	.0117	.0022	.00022	.00118	.00065	.0016	.00087	.0863
%RSD	.29381	.16257	5.1827	74.178	7.1029	41.50	.22232	1.6585

#1	3.9566	1.3286	-.00396	-.00288	.00881	.0040	.38961	5.3027
#2	3.9792	1.3295	-.00413	-.00132	.00987	.0021	.39132	5.1363
#3	3.9633	1.3327	-.00438	-.00057	.00869	.0052	.39069	5.1793

Sample Name: K2703-04 Acquired: 5/8/2019 18:26:52 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3-OW(0-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.2330
 Stddev .2542
 %RSD 3.5145

#1 7.1088
 #2 7.5255
 #3 7.0648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.4	49807.	5528.3	80.802	4184.2
Stddev	8.8	110.	19.1	2.004	4.5
%RSD	.22271	.22143	.34563	2.4797	.10715

#1	3951.4	49896.	5522.2	82.719	4181.9
#2	3964.4	49684.	5513.0	78.721	4181.4
#3	3968.3	49843.	5549.8	80.965	4189.4

Sample Name: K2727-01 Acquired: 5/8/2019 18:31:23 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OWS-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	-.00063	-.00104	-.00959	.00219	.00145	.03704	.13322	.00027
Stddev	.00227	.00069	.00061	.00258	.00162	.00465	.00050	.00002
%RSD	360.78	66.025	6.3818	117.76	111.73	12.556	.37383	8.9973

#1	.00199	-.00143	-.01016	.00030	.00036	.03168	.13303	.00029
#2	-.00210	-.00025	-.00895	.00514	.00330	.03995	.13379	.00024
#3	-.00178	-.00145	-.00968	.00115	.00067	.03950	.13285	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	42.146	-.00116	.00305	.00254	30.359	.26840	1.9973
Stddev	.00002	.211	.00047	.00006	.00022	.041	.00086	.0614
%RSD	.99966	.50014	40.539	1.8136	8.6598	.13452	.32056	3.0739

#1	-.00185	41.904	-.00167	.00305	.00230	30.313	.26782	1.9426
#2	-.00188	42.289	-.00074	.00310	.00259	30.389	.26939	2.0637
#3	-.00185	42.246	-.00107	.00299	.00274	30.376	.26798	1.9856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02046	-.00208	321.52	-.00005	.03872	.45530	.00603	.05238
Stddev	.00024	.00050	1.83	.00009	.00009	.06089	.00033	.01185
%RSD	1.1712	24.168	.56896	171.15	.22709	13.374	5.4832	22.622

#1	.02069	-.00160	321.66	-.00015	.03872	.39438	.00635	.06568
#2	.02022	-.00260	323.28	-.00002	.03863	.45535	.00607	.04852
#3	.02045	-.00203	319.63	.00002	.03880	.51616	.00569	.04294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69563	.86632	-.00228	.00095	.01285	2.782	.23414	4.7106
Stddev	.00982	.00672	.00035	.00138	.00174	.011	.00007	.1383
%RSD	1.4115	.77535	15.513	145.75	13.541	.3880	.02818	2.9362

#1	.68826	.86921	-.00238	-.00015	.01442	2.788	.23406	4.8148
#2	.69186	.85864	-.00258	.00250	.01098	2.769	.23418	4.7633
#3	.70678	.87111	-.00189	.00049	.01315	2.788	.23417	4.5536

Sample Name: K2727-01 Acquired: 5/8/2019 18:31:23 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OWS-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .36699
 %RSD 173.30

#1 -.47145
 #2 -.37191
 #3 .20809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.2	48865.	5423.4	79.529	4163.2
Stddev	7.3	114.	12.8	.238	7.8
%RSD	.18578	.23423	.23645	.29871	.18632

#1	3946.4	48752.	5424.6	79.753	4156.4
#2	3958.6	48862.	5435.6	79.553	4171.6
#3	3945.5	48981.	5410.0	79.280	4161.6

Sample Name: K2727-02 Acquired: 5/8/2019 18:35:54 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OWS-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	.00219	-.00128	-.00899	.00107	.01630	.02025	.20249	.00030
Stddev	.00188	.00131	.00046	.00330	.00156	.00744	.00186	.00002
%RSD	85.805	102.45	5.1122	308.90	9.5511	36.727	.91874	7.7110

#1	.00118	-.00004	-.00949	.00487	.01650	.02265	.20271	.00032
#2	.00435	-.00265	-.00887	-.00060	.01466	.02619	.20053	.00028
#3	.00102	-.00115	-.00860	-.00106	.01775	.01191	.20423	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	56.999	-.00146	.00398	.00305	28.874	.23523	1.9622
Stddev	.00005	.277	.00042	.00031	.00017	.011	.00044	.0217
%RSD	2.9612	.48660	28.390	7.6781	5.6417	.03829	.18849	1.1047

#1	-.00172	56.682	-.00156	.00363	.00285	28.866	.23572	1.9694
#2	-.00181	57.195	-.00182	.00412	.00313	28.887	.23509	1.9378
#3	-.00172	57.121	-.00101	.00418	.00316	28.870	.23487	1.9793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01956	-.00234	259.31	.00002	.15064	.23074	.01391	.03734
Stddev	.00023	.00014	1.60	.00030	.00032	.02298	.00010	.01101
%RSD	1.1593	5.9231	.61758	1845.3	.21074	9.9574	.68778	29.478

#1	.01930	-.00248	259.41	.00004	.15078	.23961	.01402	.02796
#2	.01964	-.00220	260.86	.00030	.15086	.20465	.01383	.04946
#3	.01973	-.00233	257.66	-.00029	.15028	.24795	.01388	.03461

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41920	.73570	-.00290	.00137	.00862	1.166	.20101	5.1098
Stddev	.00135	.00350	.00094	.00177	.00083	.004	.00091	.1477
%RSD	.32286	.47531	32.455	129.44	9.6436	.3739	.45319	2.8905

#1	.41891	.73398	-.00197	.00319	.00951	1.166	.19996	5.2782
#2	.41802	.73972	-.00289	-.00034	.00849	1.161	.20160	5.0489
#3	.42068	.73340	-.00385	.00124	.00786	1.170	.20147	5.0023

Sample Name: K2727-02 Acquired: 5/8/2019 18:35:54 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OWS-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .26838
 %RSD 39.993

#1 -.97856
 #2 -.55076
 #3 -.48391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3963.8	49880.	5477.9	78.636	4187.6
Stddev	5.0	14.	24.0	.874	9.9
%RSD	.12514	.02821	.43811	1.1109	.23560

#1	3958.3	49885.	5480.1	78.555	4177.0
#2	3964.9	49890.	5452.9	77.806	4189.1
#3	3968.0	49864.	5500.8	79.547	4196.6

Sample Name: K2728-05 Acquired: 5/8/2019 18:40:26 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-3A-OW(0-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	-.00320	.04601	.00203	-.00094	.07059	.17011	.00001
Stddev	.00226	.00071	.00093	.00106	.00145	.01111	.00044	.00004
%RSD	125.69	22.200	2.0226	52.278	155.21	15.738	.25681	247.53

#1	.00214	-.00243	.04591	.00223	-.00260	.07340	.17052	.00005
#2	-.00061	-.00383	.04698	.00088	-.00025	.05835	.16965	.00001
#3	.00387	-.00335	.04513	.00297	.00004	.08003	.17016	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	64.150	-.00018	.00507	.00569	.38634	.54332	1.8649
Stddev	.00003	.485	.00044	.00008	.00025	.00211	.00169	.0774
%RSD	8.8338	.75637	238.56	1.6237	4.3280	.54576	.31021	4.1504

#1	.00043	63.711	-.00056	.00508	.00592	.38407	.54139	1.8329
#2	.00037	64.068	.00029	.00498	.00543	.38823	.54409	1.8086
#3	.00037	64.671	-.00028	.00514	.00573	.38673	.54448	1.9532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	-.00085	296.84	-.00165	.20395	1.2678	.00018	.05586
Stddev	.00050	.00016	1.83	.00024	.00004	.0511	.00029	.00538
%RSD	9.5455	18.978	.61742	14.677	.01876	4.0293	165.00	9.6304

#1	.00578	-.00099	298.02	-.00185	.20392	1.2118	.00047	.06179
#2	.00477	-.00067	297.76	-.00138	.20399	1.2798	-.00010	.05449
#3	.00526	-.00088	294.72	-.00173	.20394	1.3119	.00016	.05130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2717	.99966	-.00399	-.00058	.00527	.0082	.24468	5.2322
Stddev	.0085	.00955	.00058	.00157	.00067	.0011	.00144	.3623
%RSD	.37295	.95582	14.502	271.15	12.756	13.10	.58852	6.9235

#1	2.2813	.98929	-.00340	.00011	.00605	.0070	.24319	4.8315
#2	2.2653	1.0081	-.00401	.00053	.00492	.0091	.24477	5.5364
#3	2.2686	1.0016	-.00455	-.00238	.00484	.0084	.24607	5.3287

Sample Name: K2728-05 Acquired: 5/8/2019 18:40:26 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3A-OW(0-10 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.2981
Stddev	.5527
%RSD	7.5732

#1	6.9059
#2	7.0582
#3	7.9302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3963.3	49887.	5552.6	78.736	4173.5
Stddev	7.2	177.	14.8	1.898	15.0
%RSD	.18089	.35480	.26625	2.4099	.36031

#1	3966.1	49733.	5568.3	76.753	4163.6
#2	3955.1	49848.	5539.0	78.921	4166.0
#3	3968.6	50081.	5550.4	80.535	4190.8

Sample Name: CCV08 Acquired: 5/8/2019 18:44:59 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8192 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9284	5.0745	4.8753	4.9926	4.8929	9.5497	9.7685	.25012
Stddev	.0118	.0223	.0122	.0206	.0114	.0374	.0122	.00078
%RSD	.23962	.43940	.25056	.41226	.23201	.39150	.12521	.31222
#1	4.9309	5.0852	4.8860	5.0128	4.8976	9.5576	9.7565	.24926
#2	4.9387	5.0895	4.8780	4.9932	4.9012	9.5090	9.7681	.25033
#3	4.9155	5.0489	4.8620	4.9717	4.8800	9.5825	9.7810	.25078
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4784	25.487	1.0062	2.4639	1.2390	5.0856	2.5204	24.245
Stddev	.0088	.102	.0018	.0095	.0040	.0099	.0012	.037
%RSD	.35678	.39922	.18102	.38647	.32401	.19401	.04732	.15305
#1	2.4859	25.410	1.0046	2.4725	1.2392	5.0743	2.5190	24.210
#2	2.4808	25.449	1.0058	2.4655	1.2430	5.0907	2.5209	24.241
#3	2.4687	25.602	1.0082	2.4537	1.2349	5.0920	2.5212	24.284
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5288	1.2441	24.493	2.5414	2.4350	24.594	4.9436	4.9391
Stddev	.0116	.0011	.032	.0040	.0083	.069	.0069	.0177
%RSD	.45896	.08891	.12986	.15658	.34022	.27964	.14011	.35832
#1	2.5410	1.2434	24.469	2.5385	2.4419	24.584	4.9442	4.9358
#2	2.5275	1.2453	24.482	2.5397	2.4373	24.531	4.9502	4.9233
#3	2.5179	1.2435	24.529	2.5459	2.4258	24.667	4.9363	4.9582
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9822	5.0387	4.9751	5.0116	5.0506	5.209	5.0662	F 3.9280
Stddev	.0159	.0242	.0115	.0132	.0115	.018	.0076	.4157
%RSD	.31956	.47964	.23010	.26246	.22819	.3454	.15005	10.582
#1	4.9895	5.0135	4.9831	5.0045	5.0508	5.226	5.0574	4.4074
#2	4.9931	5.0411	4.9802	5.0036	5.0390	5.211	5.0698	3.6691
#3	4.9639	5.0616	4.9619	5.0268	5.0621	5.191	5.0712	3.7074

Sample Name: CCV08 Acquired: 5/8/2019 18:44:59 Type: Unk
 Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8192 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 4.2422
 Stddev .4317
 %RSD 10.177

#1 3.9059
 #2 4.7291
 #3 4.0916

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4164.1	52113.	5528.9	80.181	4359.1
Stddev	8.1	142.	9.7	.090	11.4
%RSD	.19362	.27187	.17610	.11210	.26122

#1	4161.8	51998.	5521.6	80.097	4349.1
#2	4157.4	52271.	5540.0	80.170	4356.6
#3	4173.0	52070.	5525.1	80.276	4371.5

Sample Name: CCB08 Acquired: 5/8/2019 18:49:00 Type: Unk
Method: P4-ICP2(v3101) 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	.00039	.00034	-.00413	-.00207	.00052	-.02602	-.00044	.00002
Stddev	.00045	.00056	.00043	.00085	.00092	.01040	.00019	.00006
%RSD	115.05	166.14	10.518	40.918	176.60	39.983	42.616	279.25
#1	.00091	-.00027	-.00463	-.00293	.00158	-.03460	-.00045	-.00000
#2	.00015	.00084	-.00385	-.00124	-.00012	-.02902	-.00062	.00010
#3	.00012	.00045	-.00390	-.00204	.00011	-.01445	-.00025	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00518	-.00038	-.00000	-.00087	-.00556	-.00034	-.01009
Stddev	.00003	.01258	.00011	.00006	.00025	.00039	.00005	.00728
%RSD	59.916	243.03	28.503	3800.8	28.404	7.0344	14.857	72.201
#1	.00007	.00639	-.00046	-.00002	-.00068	-.00515	-.00037	-.01020
#2	.00002	-.00334	-.00042	-.00005	-.00078	-.00593	-.00028	-.01731
#3	.00005	-.01858	-.00026	.00006	-.00114	-.00562	-.00037	-.00275
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00020	.03858	-.00026	-.00268	-.24712	.00049	-.00477
Stddev	.00013	.00041	.00991	.00018	.00008	.01898	.00015	.01191
%RSD	13.699	207.76	25.689	69.658	2.8751	7.6802	30.307	249.50
#1	.00093	-.00025	.03039	-.00026	-.00260	-.25839	.00039	-.01840
#2	.00105	.00056	.03575	-.00008	-.00276	-.25776	.00042	.00050
#3	.00080	.00029	.04959	-.00045	-.00268	-.22521	.00066	.00359
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	.00032	-.00145	.00141	-.00003	-.0008	.00000	F 1.2434
Stddev	.00272	.00033	.00073	.00098	.00087	.0009	.00011	.0086
%RSD	74.001	103.02	50.568	69.807	3084.3	116.0	2884.9	.69061
#1	-.00355	.00068	-.00073	.00153	-.00103	-.0004	-.00006	1.2464
#2	-.00102	.00006	-.00142	.00233	.00046	-.0019	-.00006	1.2337
#3	-.00645	.00021	-.00219	.00037	.00049	-.0001	.00013	1.2501

Sample Name: CCB08 Acquired: 5/8/2019 18:49:00 Type: Unk
Method: P4-ICP2(v3101) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1251
Stddev .4722
%RSD 41.968

#1 .72603
#2 1.0029
#3 1.6464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4383.8	55222.	5603.8	83.150	4970.4
Stddev	9.6	144.	9.6	1.171	11.0
%RSD	.21877	.26088	.17206	1.4078	.22181

#1	4375.0	55146.	5601.0	83.883	4960.4
#2	4382.4	55131.	5595.9	81.800	4968.6
#3	4394.1	55388.	5614.6	83.767	4982.3