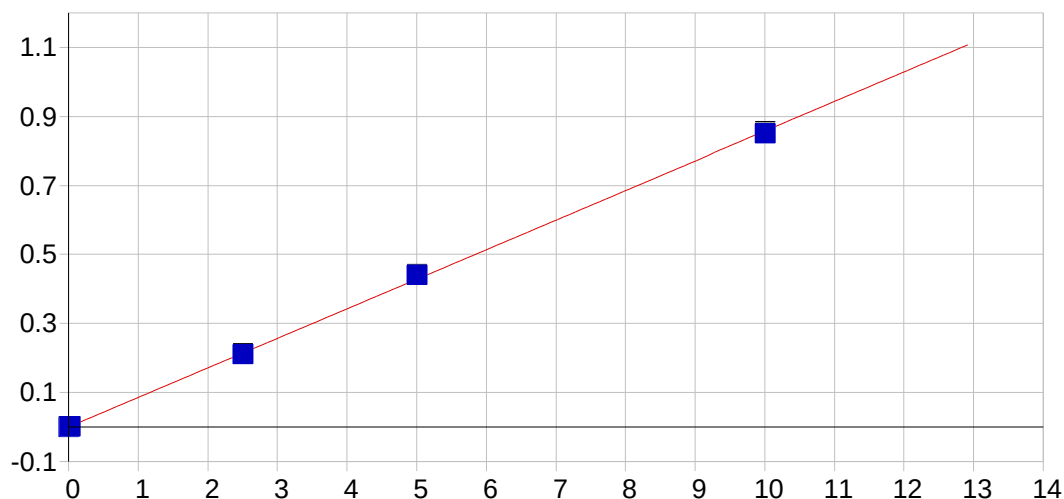




As 189.042 {478}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000792

Re-Slope: 1.000000

A1 (Gain): 0.085794

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999859

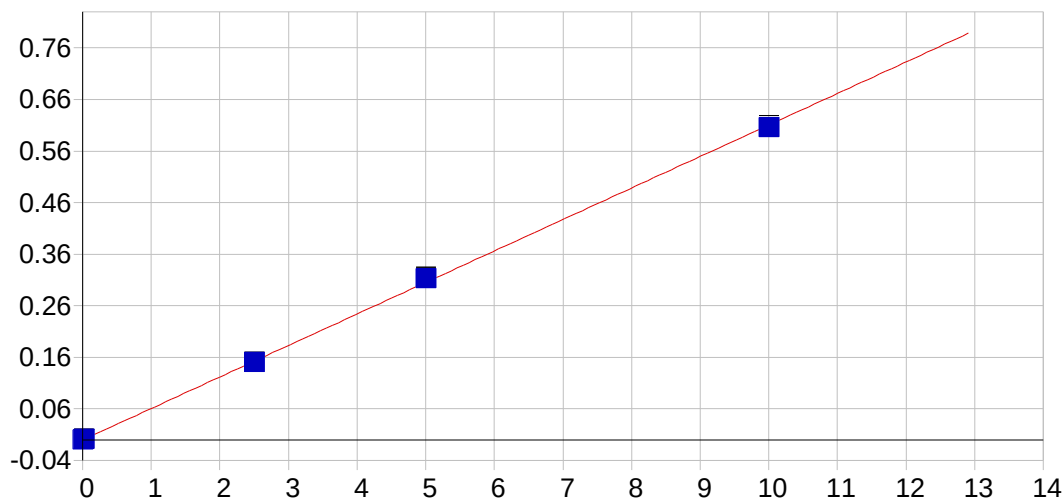
Status: OK.

Std Error of Est: 0.000035

Predicted MDL: 0.002777

Predicted MQL: 0.009258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.02000	.01676	-.003	-16.2	.00065	.000	1
S3	2.5000	2.4581	-.042	-1.68	.21008	.001	1
S4	5.0000	5.1240	.124	2.48	.43879	.002	1
S5	10.000	9.9211	-.079	-7.89	.85032	.005	1



As 189.042 {479}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

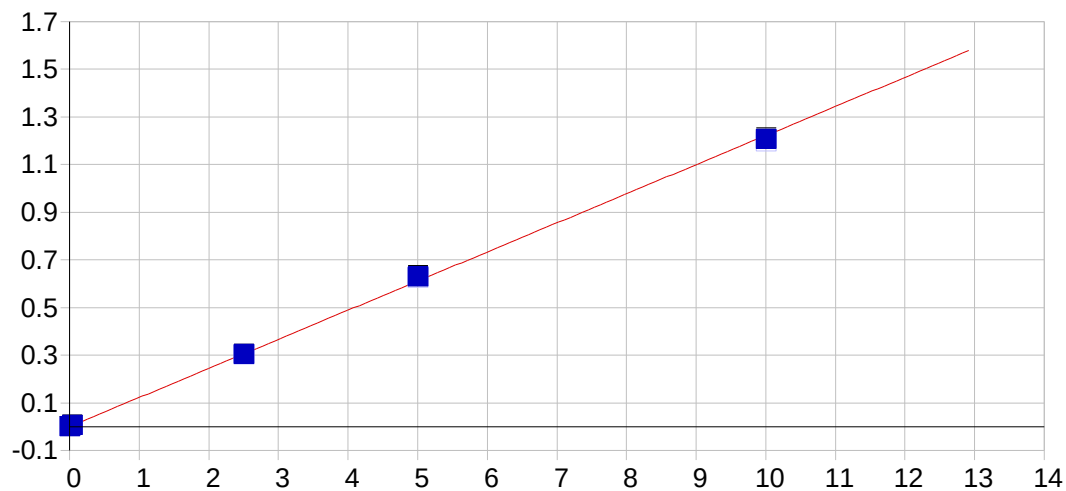
Weighting: 1/Conc

A0 (Offset): -0.000230

Re-Slope: 1.000000

A1 (Gain): 0.061079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002537
 Predicted MQL: 0.008457

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.02000	.01789	-.002	-10.5	.00086	.000	1
S3	2.5000	2.4604	-.040	-1.58	.15005	.000	1
S4	5.0000	5.1188	.119	2.38	.31242	.003	1
S5	10.000	9.9229	-.077	-.771	.60586	.003	1

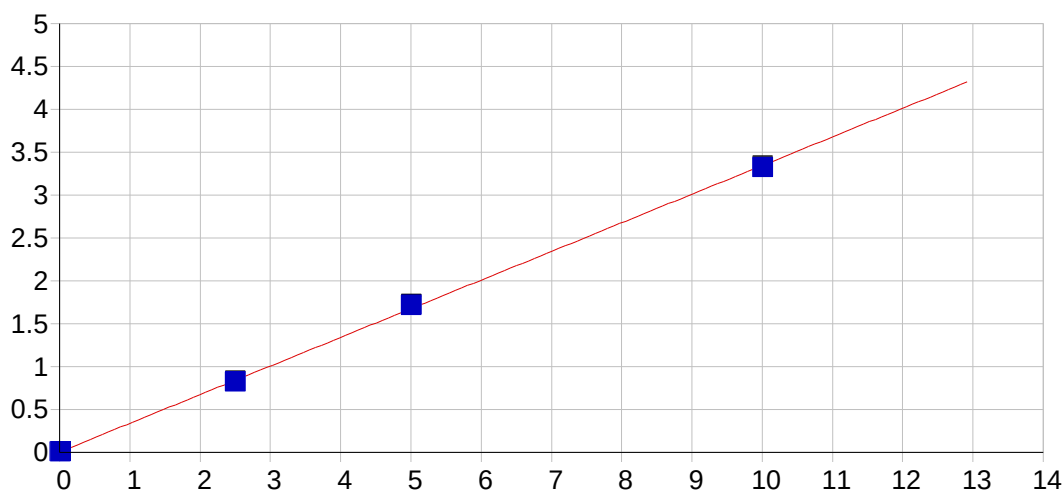


TI 190.856 {477}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.122207 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999817 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.001507
 Predicted MQL: 0.005022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.04000	.04007	.000	.179	.00479	.000	1
S3	2.5000	2.4750	-.025	-.998	.29935	.001	1
S4	5.0000	5.1497	.150	2.99	.62308	.005	1
S5	10.000	9.8752	-.125	-1.25	1.1943	.005	1

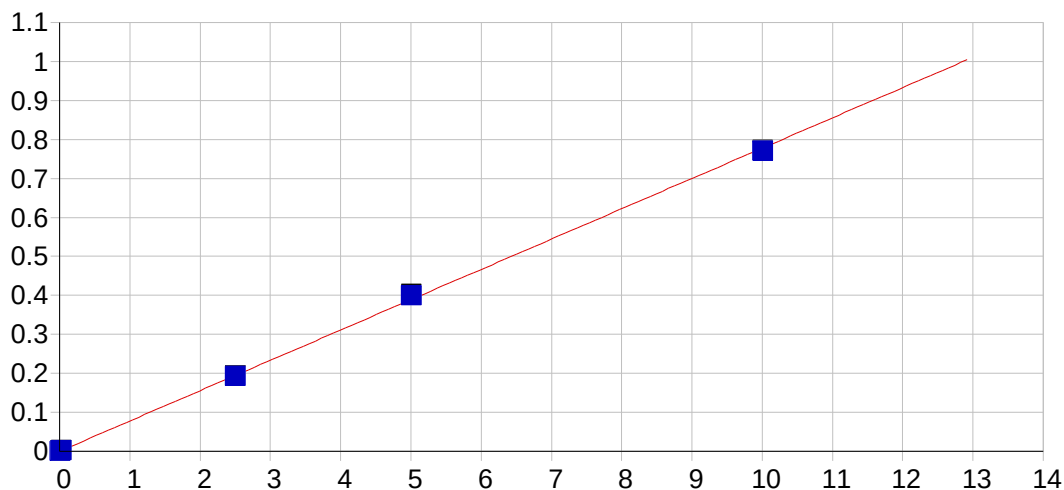


Pb 220.353 {453}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005516 Re-Slope: 1.000000
 A1 (Gain): 0.333934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000937
 Predicted MQL: 0.003122

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00552	.000	1
S1	.01200	.01242	.000	3.46	.00959	.000	1
S3	2.5000	2.4512	-.049	-1.95	.82302	.002	1
S4	5.0000	5.1153	.115	2.31	1.7116	.013	1
S5	10.000	9.9330	-.067	-.670	3.3183	.014	1



Se 196.090 {472}

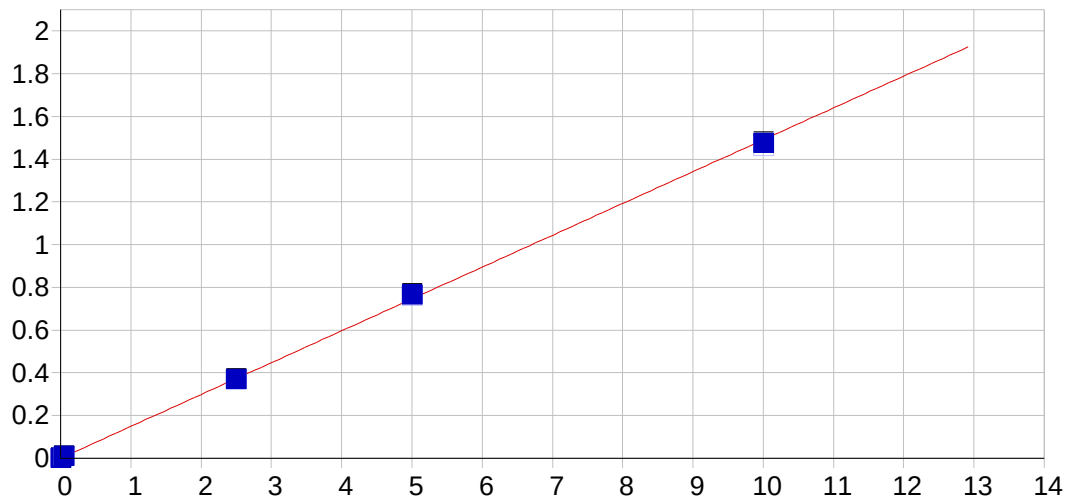
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.077751 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000031
 Predicted MDL: 0.002847
 Predicted MQL: 0.009490

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.02000	.01921	-.001	-3.96	.00162	.000	1
S3	2.5000	2.4772	-.023	-.914	.19271	.000	1
S4	5.0000	5.1294	.129	2.59	.39889	.003	1
S5	10.000	9.8943	-.106	-1.06	.76932	.003	1



Sb 206.833 {463}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

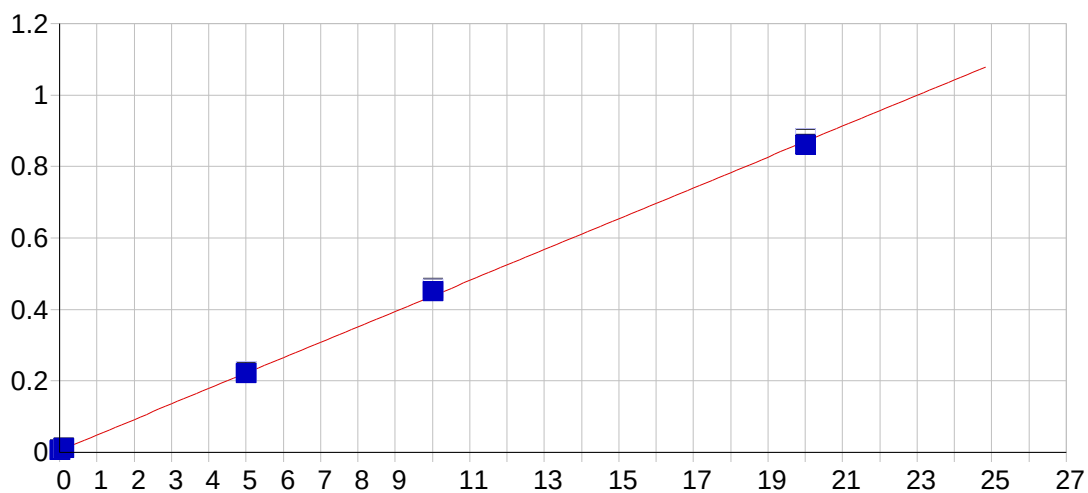
Weighting: 1/Conc

A0 (Offset): 0.000530
 A1 (Gain): 0.149047
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.000093
 Predicted MDL: 0.001801
 Predicted MQL: 0.006003

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	.00053	.000	1
S1	.05000	.05221	.002	4.41	.00813	.000	1
S3	2.5000	2.4778	-.022	-.889	.36564	.000	1
S4	5.0000	5.1278	.128	2.56	.75644	.006	1
S5	10.000	9.8922	-.108	-1.08	1.4582	.006	1

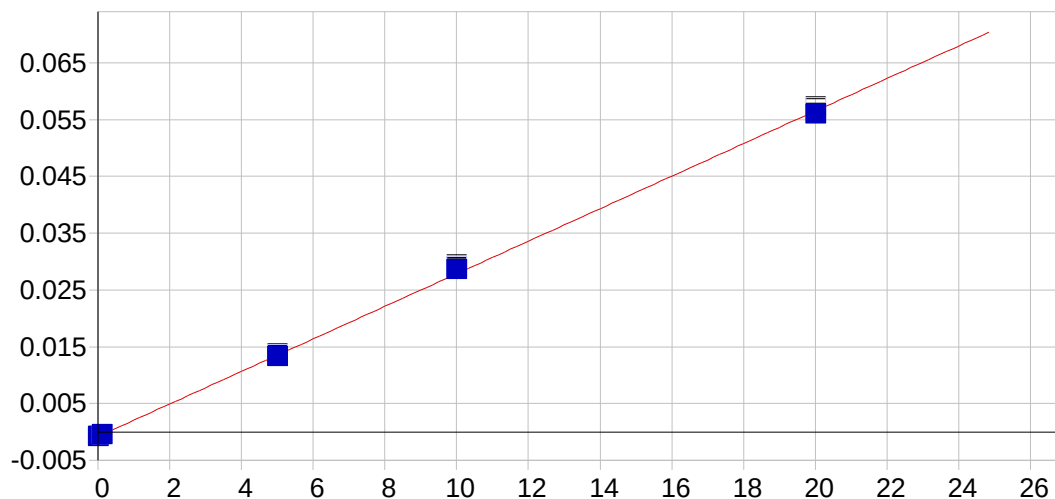


AI 308.215 {109}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005730 Re-Slope: 1.000000
 A1 (Gain): 0.043201 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.003161
 Predicted MQL: 0.010535

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00573	.000	1
S1	.10000	.10150	.002	1.50	.01042	.000	1
S3	5.0000	4.9726	-.027	-.549	.22485	.000	1
S4	10.000	10.261	.261	2.61	.45760	.001	1
S5	20.000	19.765	-.235	-1.17	.87681	.001	1



AI 309.271 {109}

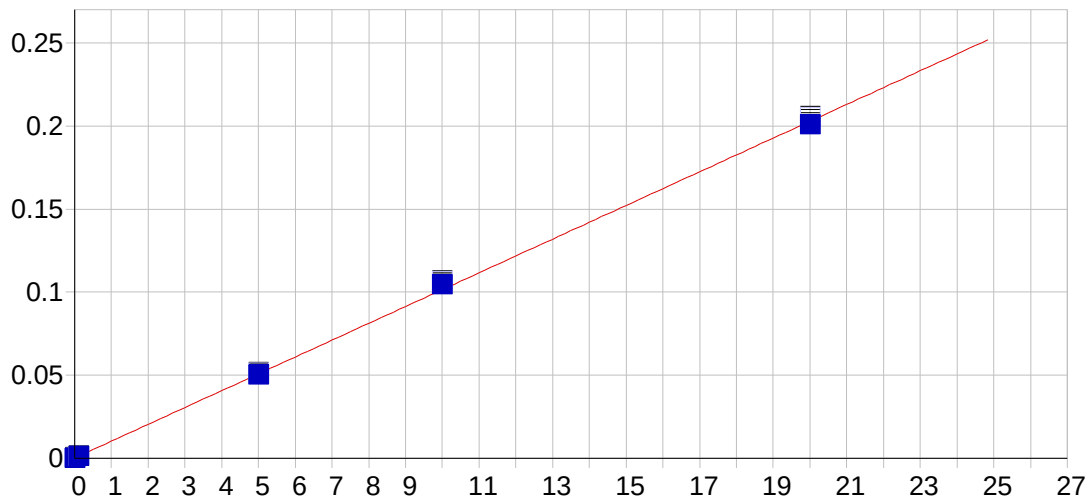
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000817 Re-Slope: 1.000000
 A1 (Gain): 0.002866 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000004
 Predicted MDL: 0.032839
 Predicted MQL: 0.109462

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00082	.000	1
S1	.10000	.11038	.010	10.4	-.00048	.000	1
S3	5.0000	4.9282	-.072	-1.44	.01359	.000	1
S4	10.000	10.265	.265	2.65	.02917	.000	1
S5	20.000	19.796	-.204	-1.02	.05706	.000	1

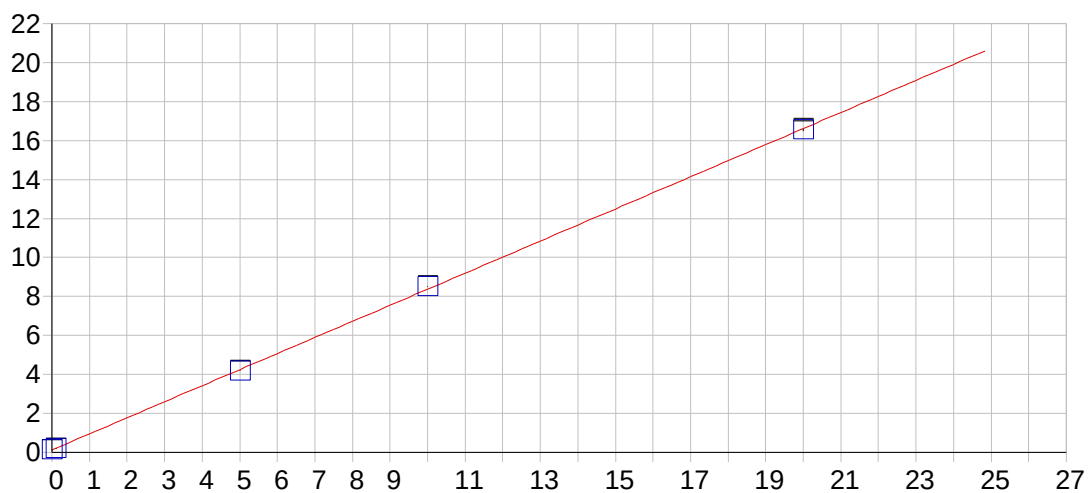


AI 396.152 { 85}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.010132 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.014834
 Predicted MQL: 0.049448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00019	.000	1
S1	.10000	.09442	-.006	-5.58	.00122	.000	1
S3	5.0000	4.9302	-.070	-1.40	.05115	.000	1
S4	10.000	10.279	.279	2.79	.10635	.000	1
S5	20.000	19.797	-.203	-1.01	.20481	.001	1

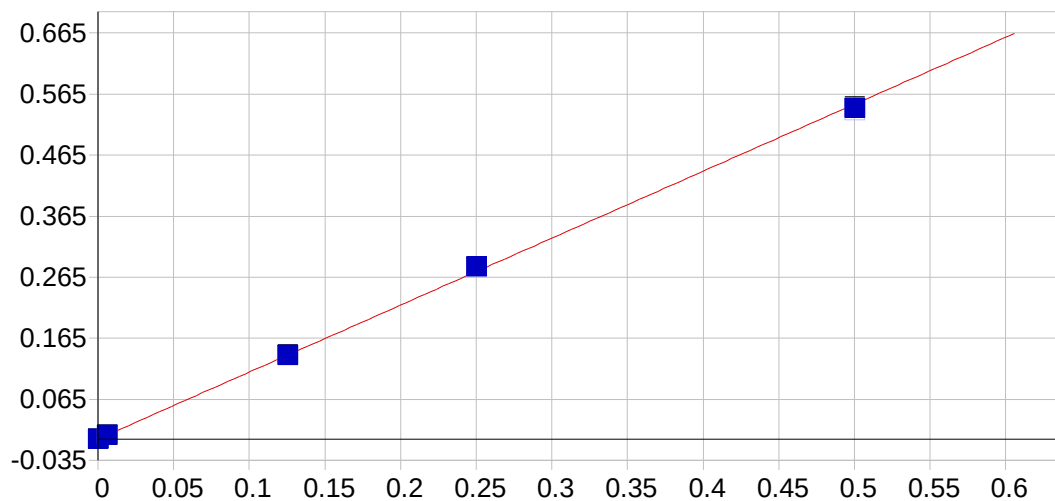


Ba 493.409 { 68}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.125939 Re-Slope: 1.000000
 A1 (Gain): 0.824439 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000742
 Predicted MDL: 0.004297
 Predicted MQL: 0.014322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.12594	.001	1
S1	.10000	.09879	-.001	-1.21	.20738	.003	1
S3	5.0000	4.9102	-.090	-1.80	4.1741	.018	1
S5	20.000	19.920	-.080	-3.99	16.549	.059	1
S4	10.000	10.171	.171	1.71	8.5112	.023	1



Be 234.861 {144}

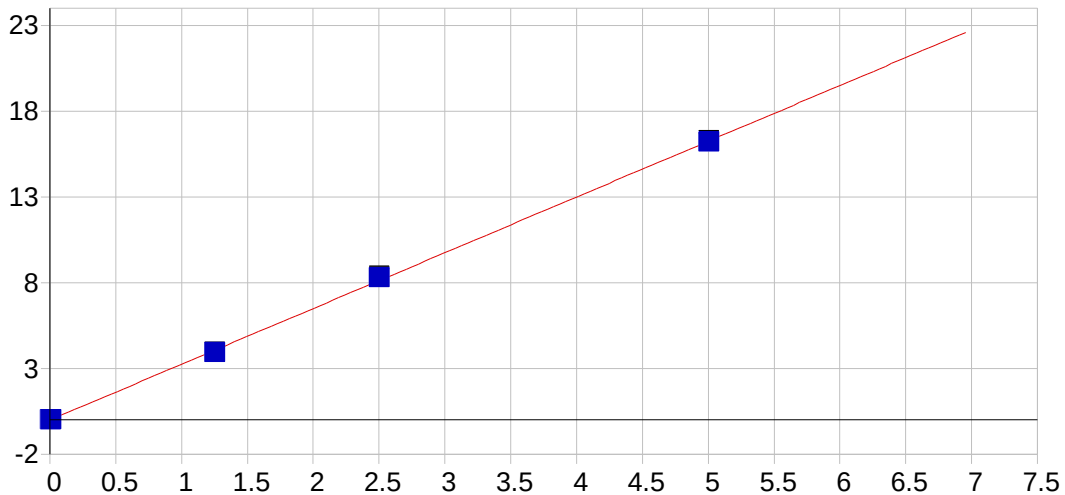
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000167 Re-Slope: 1.000000
 A1 (Gain): 1.097154 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853
 Std Error of Est: 0.000055
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.00600	.00585	-.000	-2.53	.00618	.000	1
S3	.12500	.12505	.000	.041	.13617	.000	1
S4	.25000	.25650	.007	2.60	.27953	.001	1
S5	.50000	.49360	-.006	-1.28	.53793	.002	1

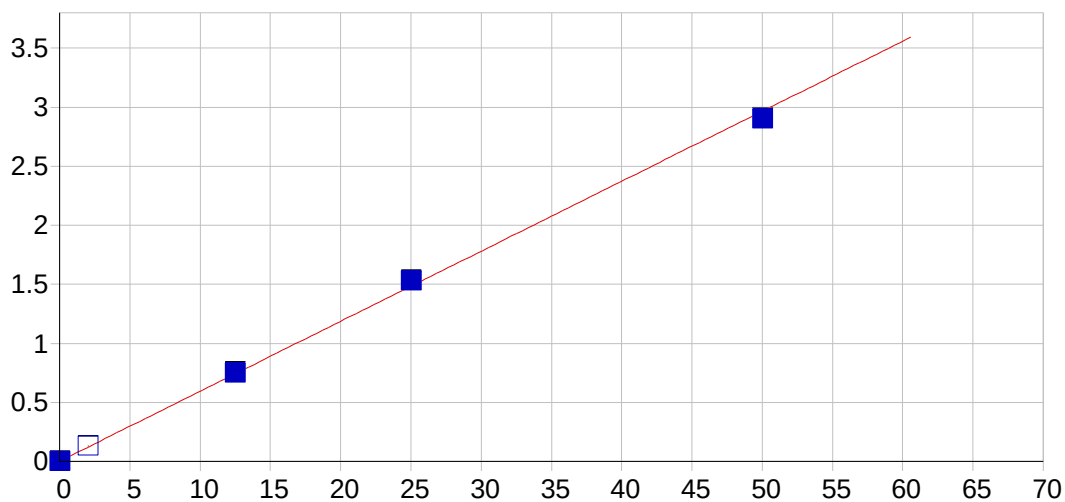


Cd 226.502 {449}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002785 Re-Slope: 1.000000
 A1 (Gain): 3.249698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000532
 Predicted MDL: 0.000100
 Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00278	.000	1
S1	.00600	.00521	-.001	-13.2	.01417	.000	1
S3	1.2500	1.2101	-.040	-3.19	3.9308	.008	1
S4	2.5000	2.5561	.056	2.24	8.3056	.068	1
S5	5.0000	4.9846	-.015	-.309	16.199	.071	1

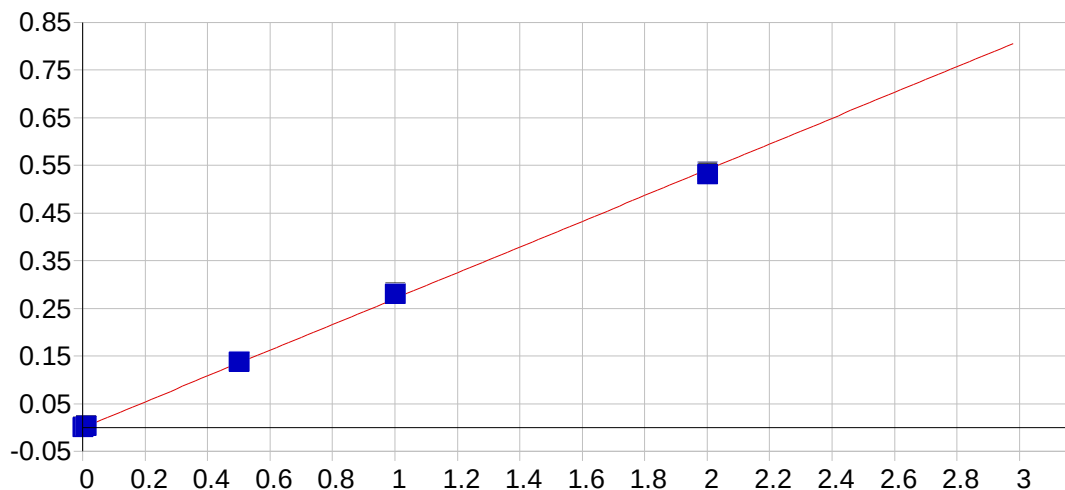


Ca 373.690 { 90}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000897 Re-Slope: 1.000000
 A1 (Gain): 0.059299 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624 Status: OK.
 Std Error of Est: 0.000888
 Predicted MDL: 0.018242
 Predicted MQL: 0.060807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2043	.204	10.2	.13161	.001	1
S0	.00000	-.00024	-.000	.000	.00088	.001	1
S3	12.500	12.623	.123	.986	.74984	.008	1
S4	25.000	25.745	.745	2.98	1.5284	.008	1
S5	50.000	48.927	-1.07	-2.15	2.9038	.008	1



Cr 267.716 {126}

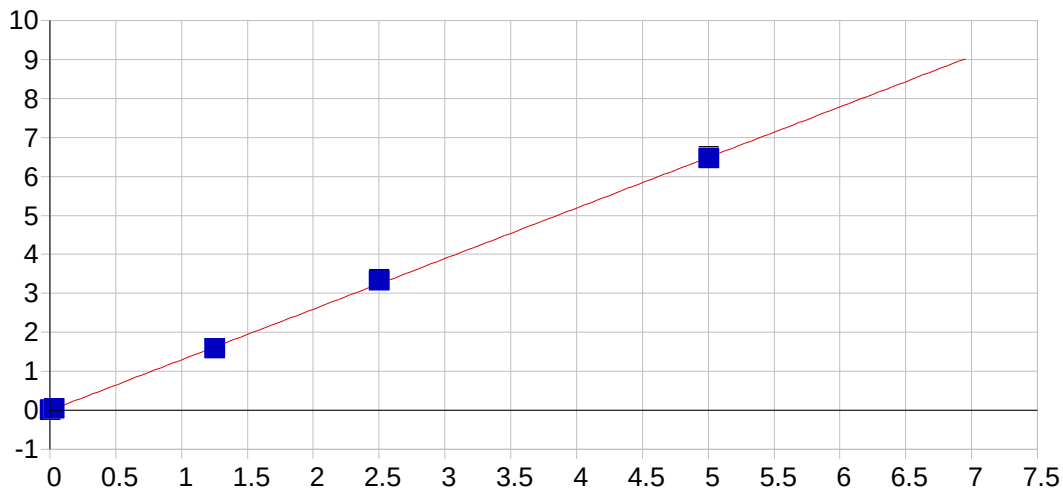
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.270558 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755
 Std Error of Est: 0.000046
 Predicted MDL: 0.000437
 Predicted MQL: 0.001456

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.01000	.01050	.001	5.02	.00264	.000	1
S3	.50000	.50486	.005	.971	.13744	.000	1
S4	1.0000	1.0315	.032	3.15	.28100	.001	1
S5	2.0000	1.9631	-.037	-1.84	.53519	.000	1



Co 228.616 {447}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

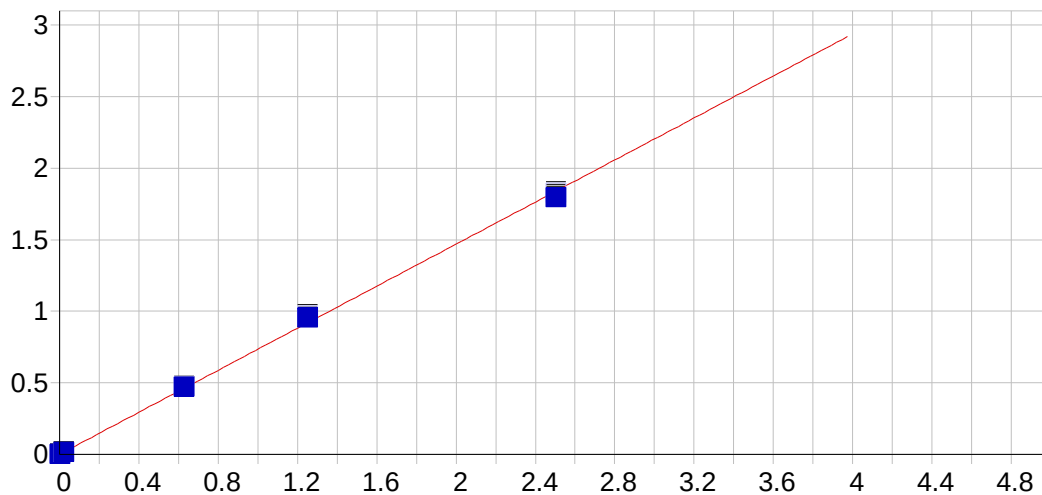
Weighting: 1/Conc

A0 (Offset): -0.000338
 A1 (Gain): 1.297356
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000426
 Predicted MDL: 0.000230
 Predicted MQL: 0.000766

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	-.00034	.000	1
S1	.03000	.02990	-.000	-.335	.03819	.001	1
S3	1.2500	1.2162	-.034	-2.71	1.5787	.003	1
S4	2.5000	2.5539	.054	2.16	3.3155	.029	1
S5	5.0000	4.9800	-.020	-.400	6.4656	.031	1

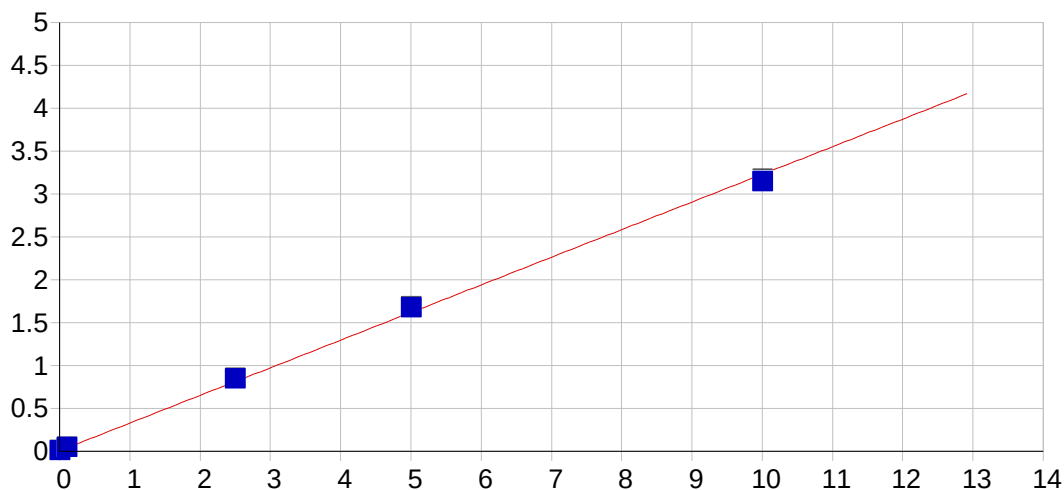


Cu 224.700 {450}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000450 Re-Slope: 1.000000
 A1 (Gain): 0.734626 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999659 Status: OK.
 Std Error of Est: 0.000236
 Predicted MDL: 0.000501
 Predicted MQL: 0.001669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.02000	.02023	.000	1.16	.01554	.000	1
S3	.62500	.63661	.012	1.86	.47554	.001	1
S4	1.2500	1.2947	.045	3.58	.96641	.008	1
S5	2.5000	2.4435	-.057	-2.26	1.8252	.009	1



Fe 240.488 {140}

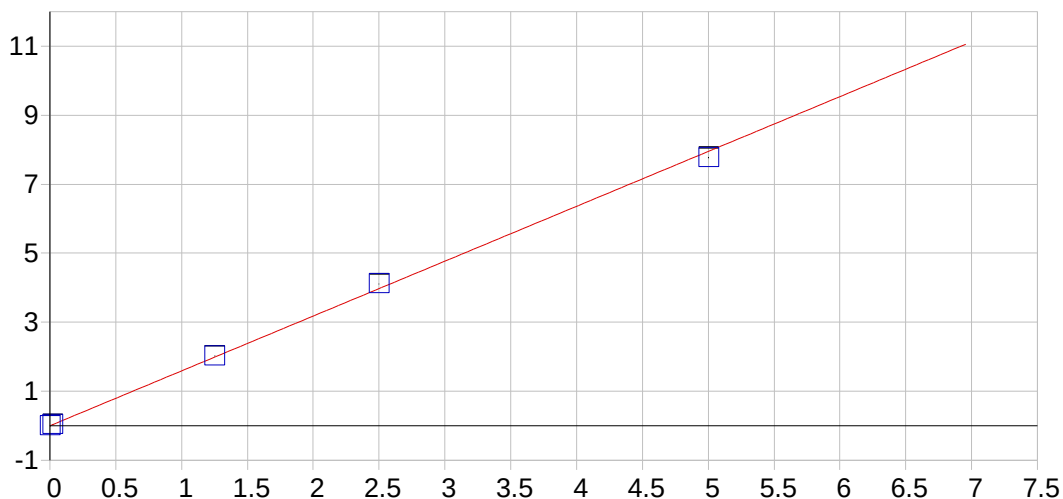
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007116 Re-Slope: 1.000000
 A1 (Gain): 0.322223 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999526
 Std Error of Est: 0.000539
 Predicted MDL: 0.001926
 Predicted MQL: 0.006420

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00711	.000	1
S1	.10000	.10557	.006	5.57	.04129	.001	1
S3	2.5000	2.5881	.088	3.52	.84407	.006	1
S4	5.0000	5.1754	.175	3.51	1.6807	.007	1
S5	10.000	9.7310	-.269	-2.69	3.1547	.016	1



Mn 257.610 {131}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

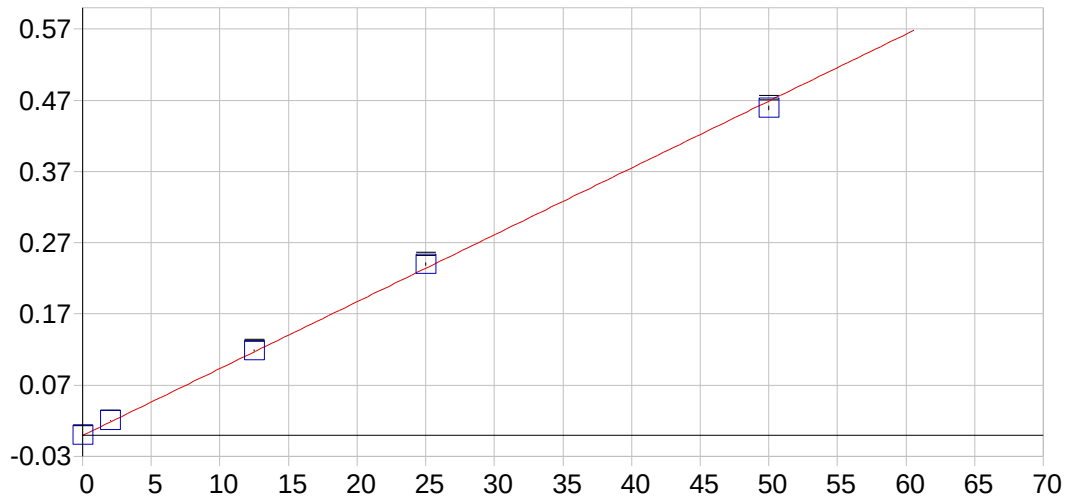
Weighting: 1/Conc

A0 (Offset): -0.000144
 A1 (Gain): 1.588936
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676
 Std Error of Est: 0.000692
 Predicted MDL: 0.000067
 Predicted MQL: 0.000223

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	-.00015	.000	1
S1	.02000	.02133	.001	6.63	.03374	.000	1
S3	1.2500	1.2692	.019	1.54	2.0165	.001	1
S4	2.5000	2.5867	.087	3.47	4.1100	.003	1
S5	5.0000	4.8928	-.107	-2.14	7.7741	.013	1

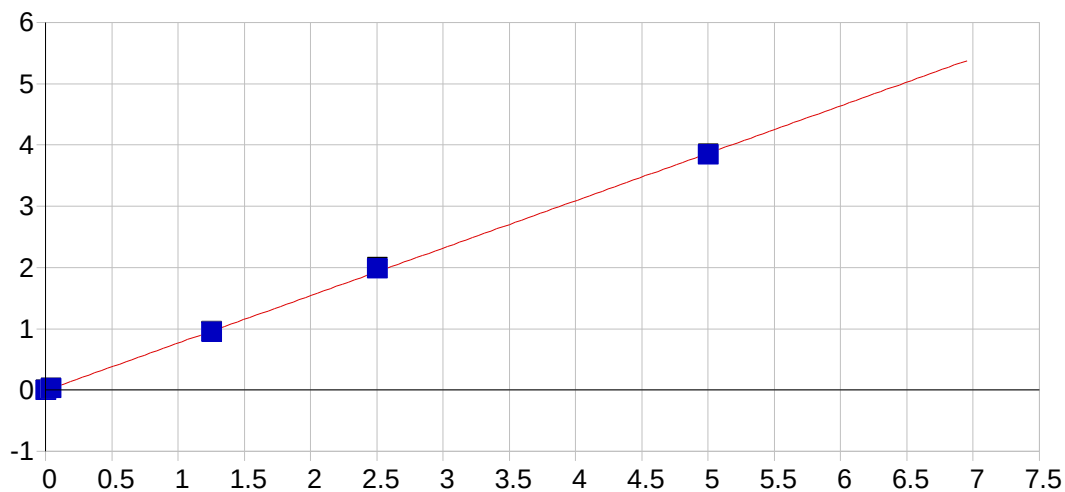


Mg 279.079 {121}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000573 Re-Slope: 1.000000
 A1 (Gain): 0.009391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999602 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.049471
 Predicted MQL: 0.164905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2489	.249	12.4	.02055	.000	1
S0	.00000	-.00029	-.000	.000	-.00058	.000	1
S3	12.500	12.678	.178	1.42	.11848	.002	1
S4	25.000	25.625	.625	2.50	.24006	.002	1
S5	50.000	48.948	-1.05	-2.10	.45908	.003	1



Ni 231.604 {445}

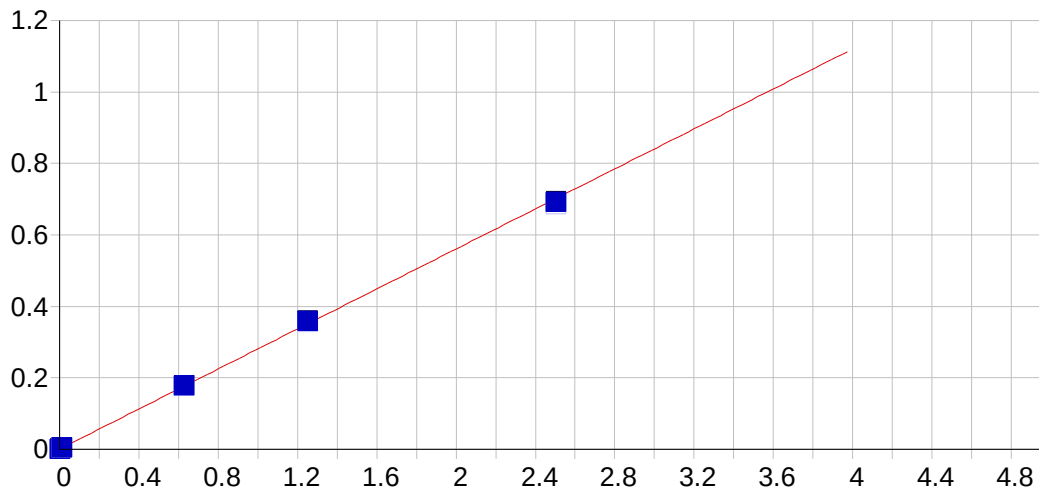
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008320 Re-Slope: 1.000000
 A1 (Gain): 0.774677 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875
 Std Error of Est: 0.000296
 Predicted MDL: 0.000410
 Predicted MQL: 0.001366

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00832	.000	1
S1	.04000	.03933	-.001	-1.67	.02217	.000	1
S3	1.2500	1.2303	-.020	-1.58	.94582	.004	1
S4	2.5000	2.5619	.062	2.47	1.9784	.018	1
S5	5.0000	4.9585	-.041	-.830	3.8372	.014	1



Ag 328.068 {103}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

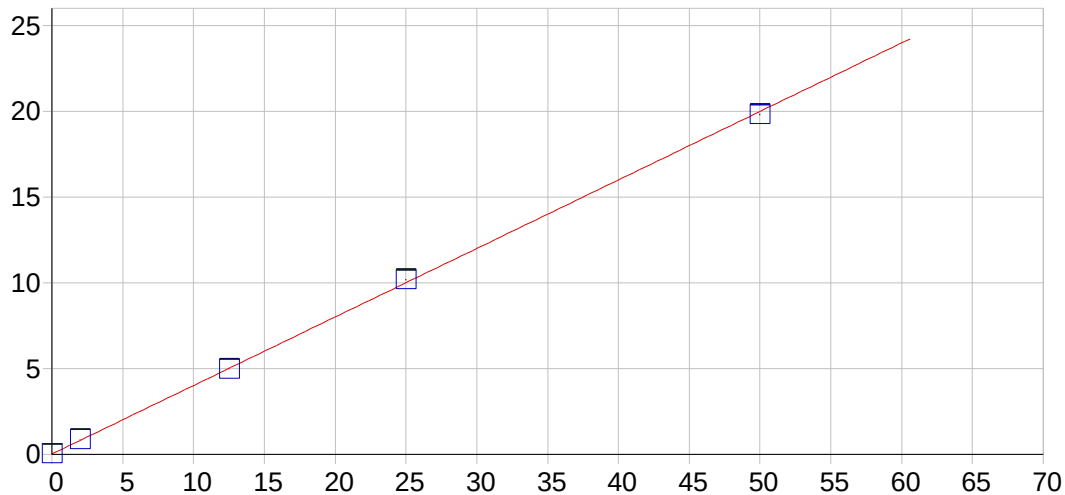
Weighting: 1/Conc

A0 (Offset): 0.000870
 A1 (Gain): 0.279886
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000035
 Predicted MDL: 0.000627
 Predicted MQL: 0.002088

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	.00087	.000	1
S1	.01000	.01011	.000	1.10	.00364	.000	1
S3	.62500	.62843	.003	.549	.17478	.000	1
S4	1.2500	1.2768	.027	2.14	.35425	.001	1
S5	2.5000	2.4697	-.030	-1.21	.68417	.001	1

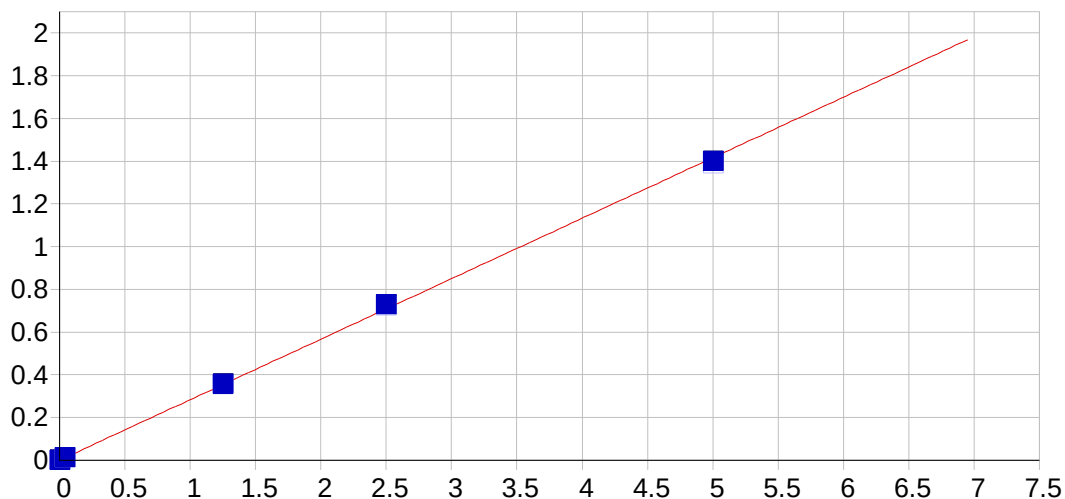


Na 589.592 { 57}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020843 Re-Slope: 1.000000
 A1 (Gain): 0.399424 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.003548
 Predicted MDL: 0.009200
 Predicted MQL: 0.030666

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1399	.140	6.99	.87557	.008	1
S0	.00000	-.00014	-.000	.000	.02079	.003	1
S3	12.500	12.398	-.102	-.812	4.9731	.020	1
S4	25.000	25.454	.454	1.82	10.188	.036	1
S5	50.000	49.508	-.492	-.984	19.795	.036	1



V 292.402 {115}

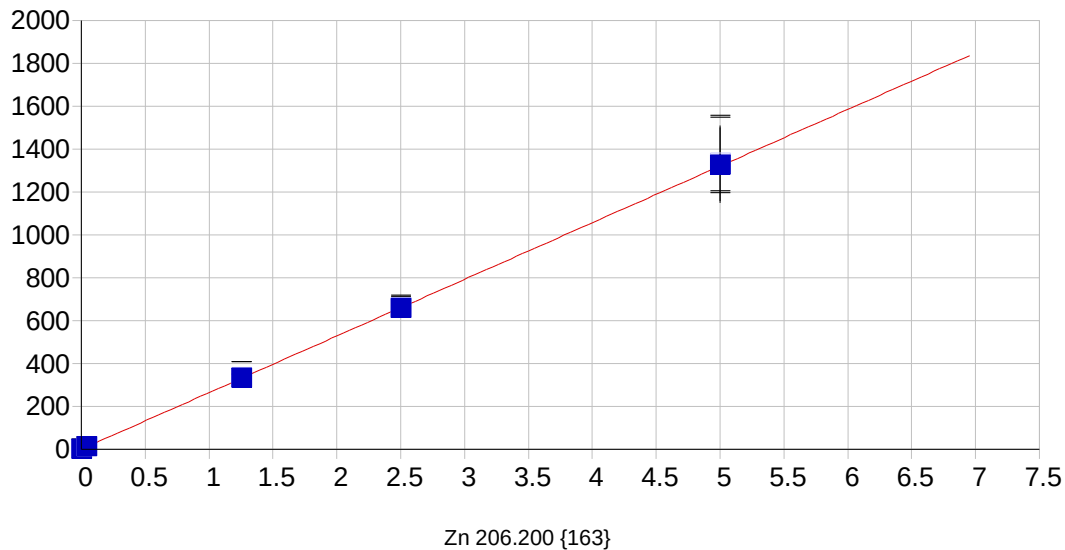
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000684 Re-Slope: 1.000000
 A1 (Gain): 0.283139 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852
 Std Error of Est: 0.000117
 Predicted MDL: 0.000487
 Predicted MQL: 0.001624

Status: OK.

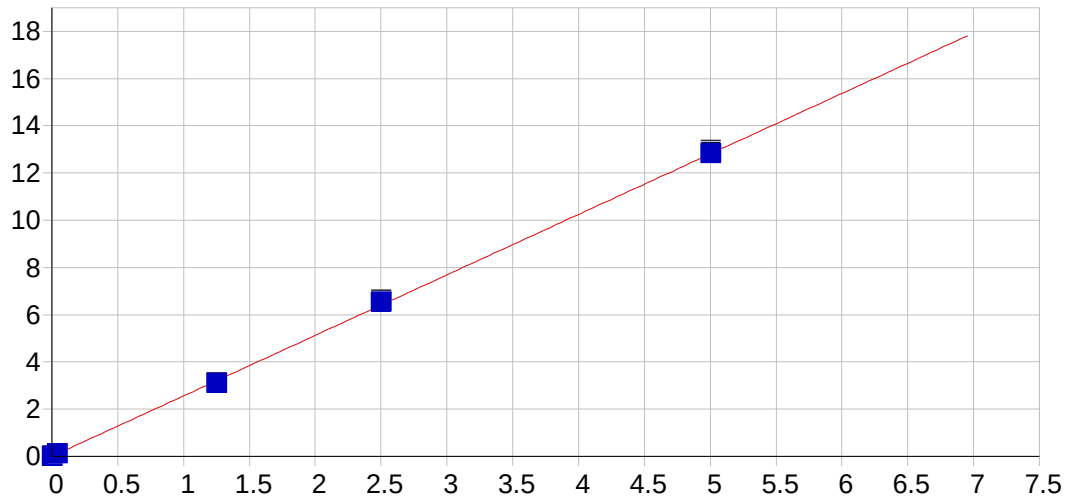
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00068	.000	1
S1	.04000	.04145	.001	3.64	.01225	.000	1
S3	1.2500	1.2514	.001	.115	.35270	.000	1
S4	2.5000	2.5637	.064	2.55	.72194	.001	1
S5	5.0000	4.9334	-.067	-1.33	1.3883	.001	1



Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.350786 Re-Slope: 1.000000
 A1 (Gain): 264.137867 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.030339
 Predicted MDL: 0.000244
 Predicted MQL: 0.000815

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.35056	.094	1
S1	.04000	.04097	.001	2.43	11.243	1.12	1
S3	1.2500	1.2514	.001	.110	332.88	29.7	1
S4	2.5000	2.4823	-.018	-.709	660.01	10.3	1
S5	5.0000	5.0154	.015	.308	1333.1	176.	1

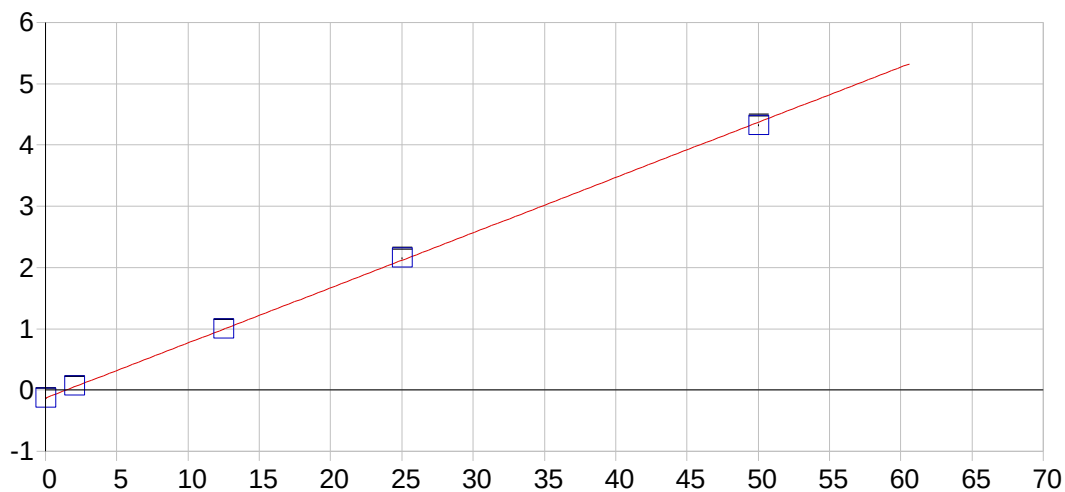


Zn 213.856 {458}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001745 Re-Slope: 1.000000
 A1 (Gain): 2.561374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.001131
 Predicted MDL: 0.000098
 Predicted MQL: 0.000327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00175	.000	1
S1	.04000	.03778	-.002	-5.56	.09922	.001	1
S3	1.2500	1.2007	-.049	-3.94	3.0977	.007	1
S4	2.5000	2.5462	.046	1.85	6.5644	.052	1
S5	5.0000	5.0053	.005	.106	12.904	.062	1



K 766.490 {44}

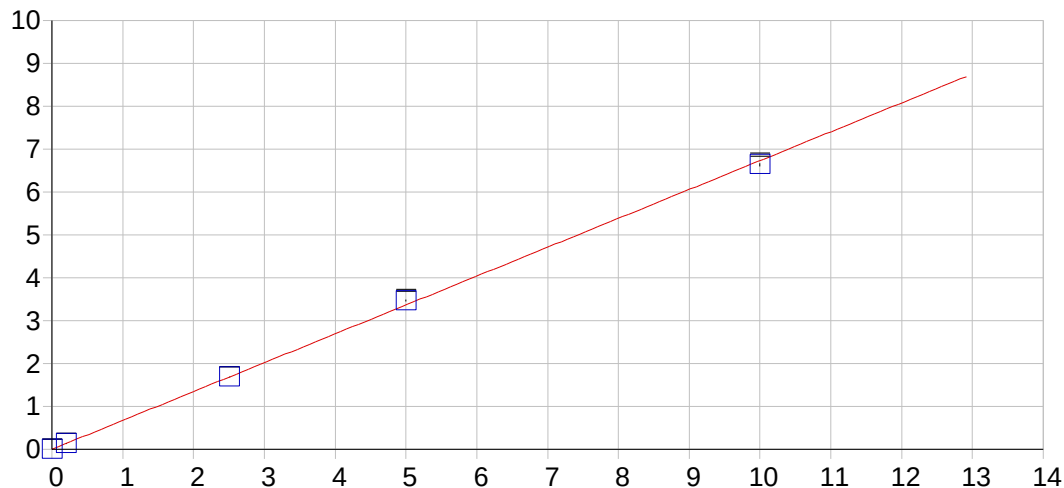
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.132793 Re-Slope: 1.000000
 A1 (Gain): 0.090051 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.000787
 Predicted MDL: 0.042715
 Predicted MQL: 0.142384

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1543	.154	7.72	.06120	.004	1
S0	.00000	-.00016	-.000	.000	-.13281	.002	1
S3	12.500	12.507	.007	.060	.99352	.007	1
S4	25.000	25.368	.368	1.47	2.1516	.016	1
S5	50.000	49.471	-.529	-1.06	4.3221	.015	1



Mo 202.030 {467}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

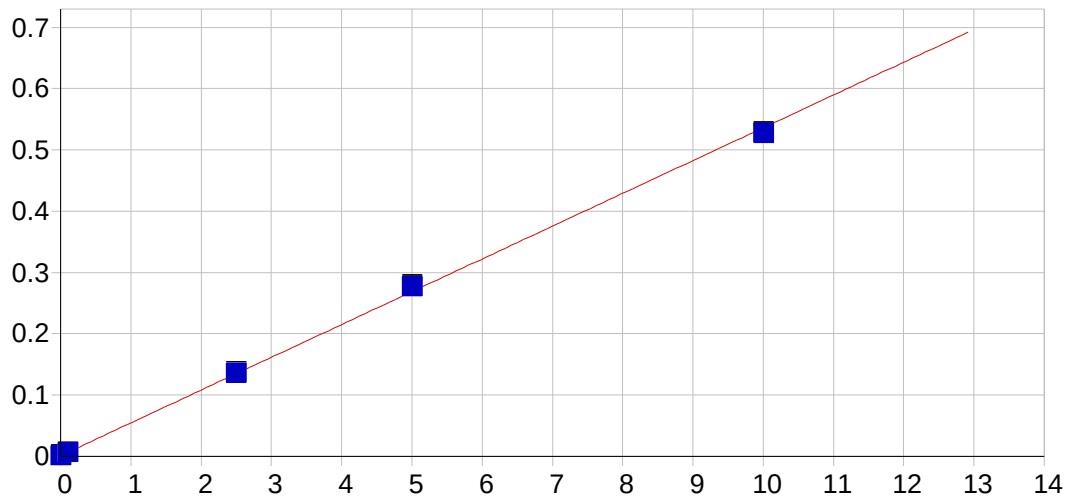
Weighting: 1/Conc

A0 (Offset): 0.000429
 A1 (Gain): 0.673134
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798
 Std Error of Est: 0.001038
 Predicted MDL: 0.000319
 Predicted MQL: 0.001065

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	.00043	.000	1
S1	.20000	.19234	-.008	-3.83	.12990	.002	1
S3	2.5000	2.4974	-.003	-.104	1.6815	.001	1
S4	5.0000	5.1544	.154	3.09	3.4700	.026	1
S5	10.000	9.8559	-.144	-1.44	6.6348	.032	1

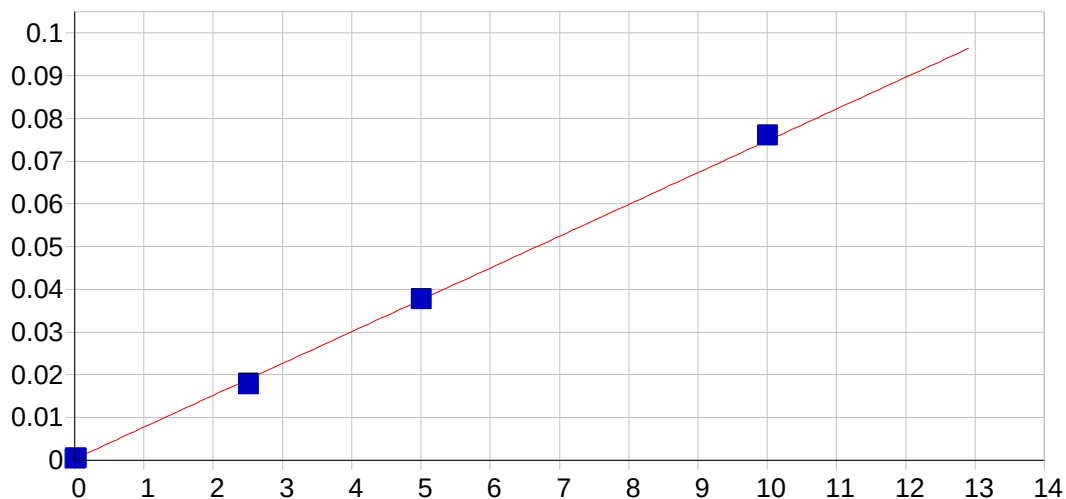


B 249.678 {135}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001166 Re-Slope: 1.000000
 A1 (Gain): 0.053502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.008181
 Predicted MQL: 0.027269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00117	.001	1
S1	.10000	.09929	-.001	-.708	.00646	.000	1
S3	2.5000	2.5127	.013	.509	.13529	.003	1
S4	5.0000	5.1533	.153	3.07	.27625	.003	1
S5	10.000	9.8346	-.165	-1.65	.52608	.002	1



S 182.034 {485}

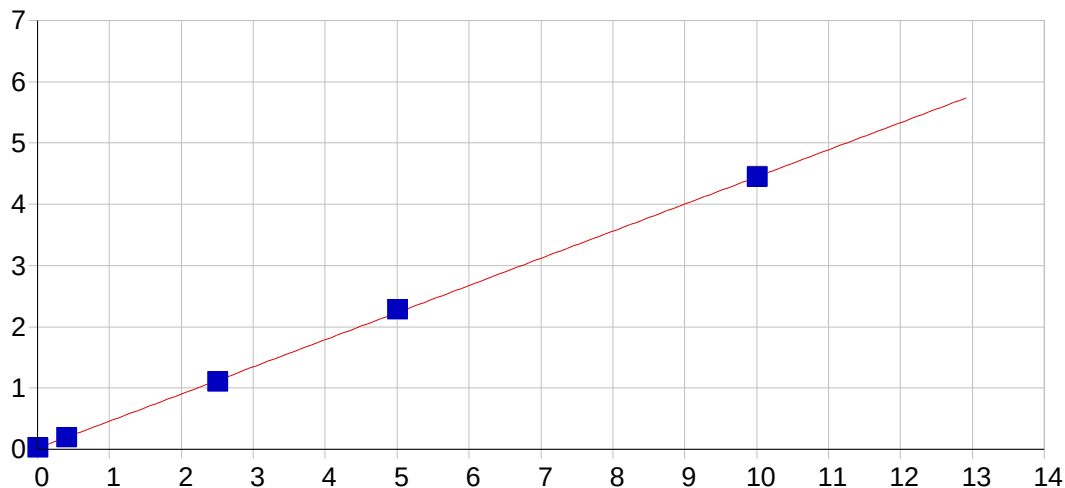
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.007445 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999593
 Std Error of Est: 0.000005
 Predicted MDL: 0.015342
 Predicted MQL: 0.051139

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.02000	.01618	-.004	-19.1	.00044	.000	1
S3	2.5000	2.3343	-.166	-6.63	.01768	.000	1
S4	5.0000	5.0108	.011	.215	.03758	.000	1
S5	10.000	10.159	.159	1.59	.07586	.000	1



Si 288.158 {117}

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

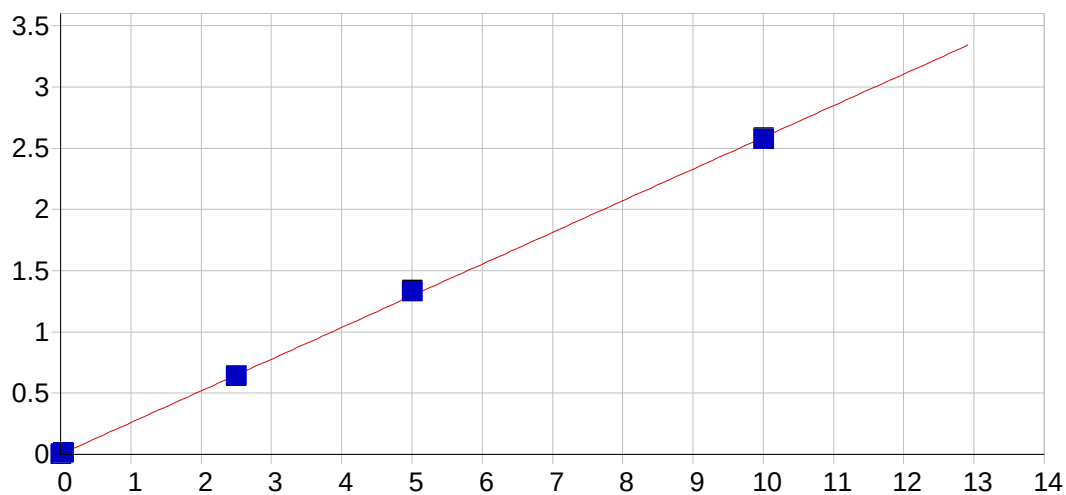
Weighting: 1/Conc

A0 (Offset): 0.016435
 A1 (Gain): 0.442988
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000717
 Predicted MDL: 0.002715
 Predicted MQL: 0.009051

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	.00002	.000	.000	.01644	.000	1
S1	.40000	.38619	-.014	-3.45	.18736	.002	1
S3	2.5000	2.4350	-.065	-2.60	1.0945	.004	1
S4	5.0000	5.0935	.094	1.87	2.2716	.009	1
S5	10.000	9.9852	-.015	-.148	4.4374	.015	1

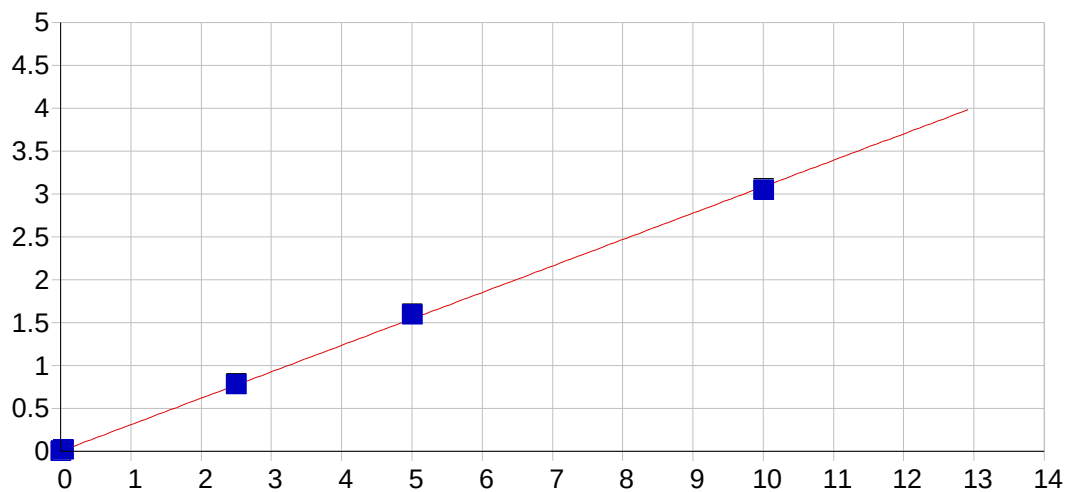


Sn 189.989 {477}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001184 Re-Slope: 1.000000
 A1 (Gain): 0.258675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.000636
 Predicted MQL: 0.002119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00118	.000	1
S1	.04000	.04011	.000	.275	.01156	.000	1
S3	2.5000	2.4546	-.045	-1.82	.63623	.000	1
S4	5.0000	5.1191	.119	2.38	1.3256	.013	1
S5	10.000	9.9262	-.074	-.738	2.5693	.013	1



Ti 336.121 {100}

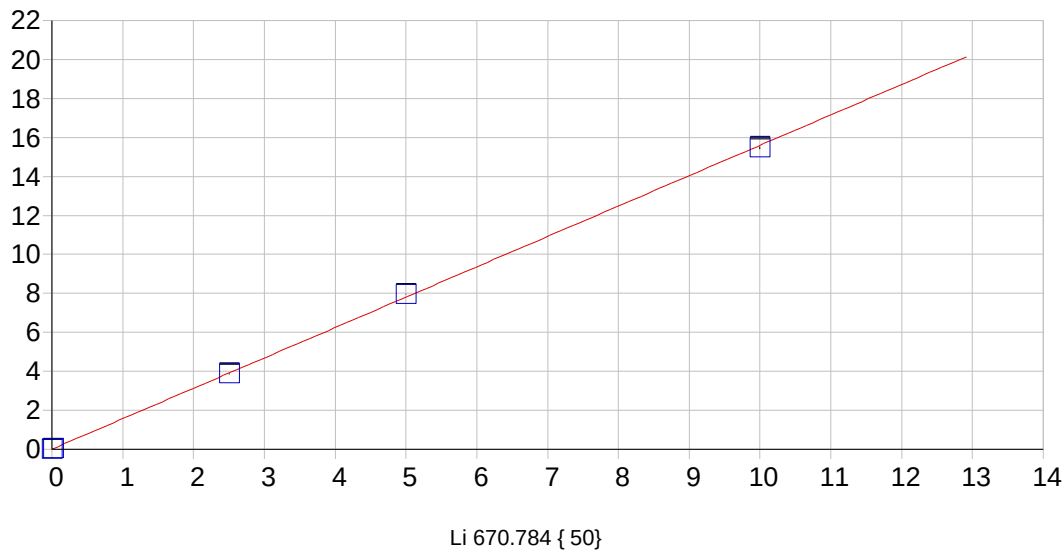
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002507 Re-Slope: 1.000000
 A1 (Gain): 0.308301 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000192
 Predicted MDL: 0.002560
 Predicted MQL: 0.008533

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00251	.001	1
S1	.04000	.04240	.002	6.00	.01557	.000	1
S3	2.5000	2.5017	.002	.066	.77367	.007	1
S4	5.0000	5.1365	.137	2.73	1.5859	.014	1
S5	10.000	9.8594	-.141	-1.41	3.0418	.017	1



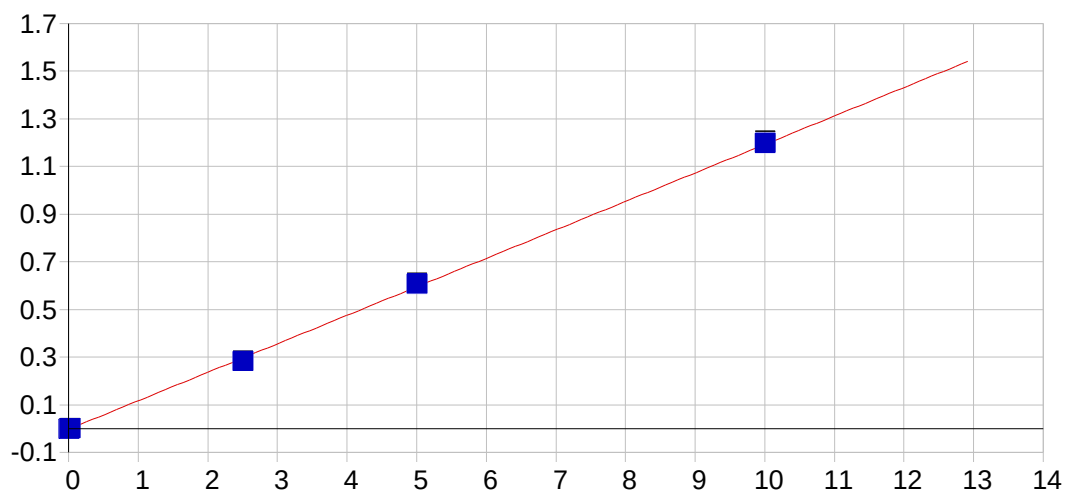
Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011357
 A1 (Gain): 1.558693
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000486
 Predicted MDL: 0.002469
 Predicted MQL: 0.008231

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	.01136	.004	1
S1	.02000	.01854	-.001	-7.30	.04026	.005	1
S3	2.5000	2.4786	-.021	-.858	3.8747	.024	1
S4	5.0000	5.1006	.101	2.01	7.9616	.023	1
S5	10.000	9.9223	-.078	-.777	15.477	.063	1

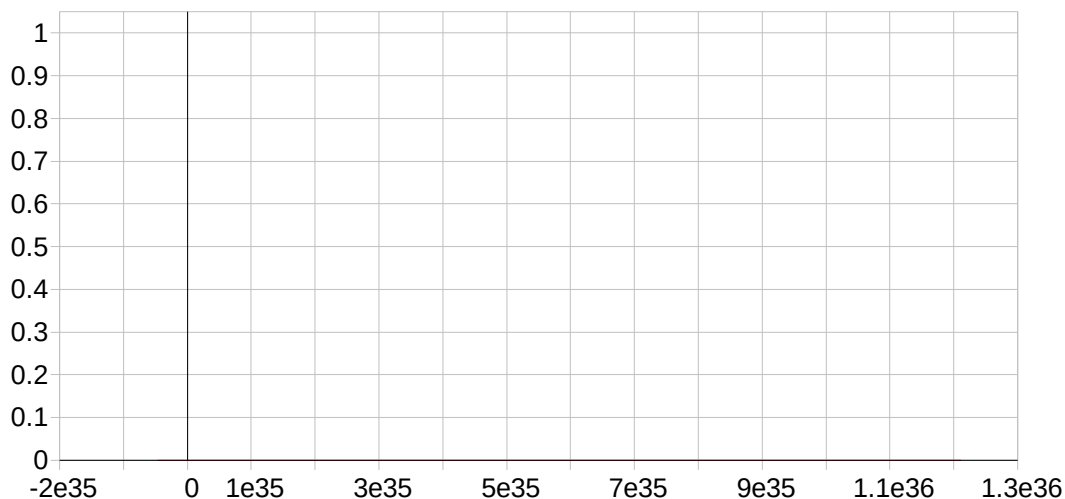


P 177.495 {490}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002910 Re-Slope: 1.000000
 A1 (Gain): 0.119562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999763 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001321
 Predicted MQL: 0.004403

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00291	.000	1
S1	.02000	.01713	-.003	-14.3	-.00087	.000	1
S3	2.5000	2.3769	-.123	-4.92	.28085	.000	1
S4	5.0000	5.0922	.092	1.84	.60506	.005	1
S5	10.000	10.034	.034	.337	1.1950	.010	1



Y 224.306 {450}*

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

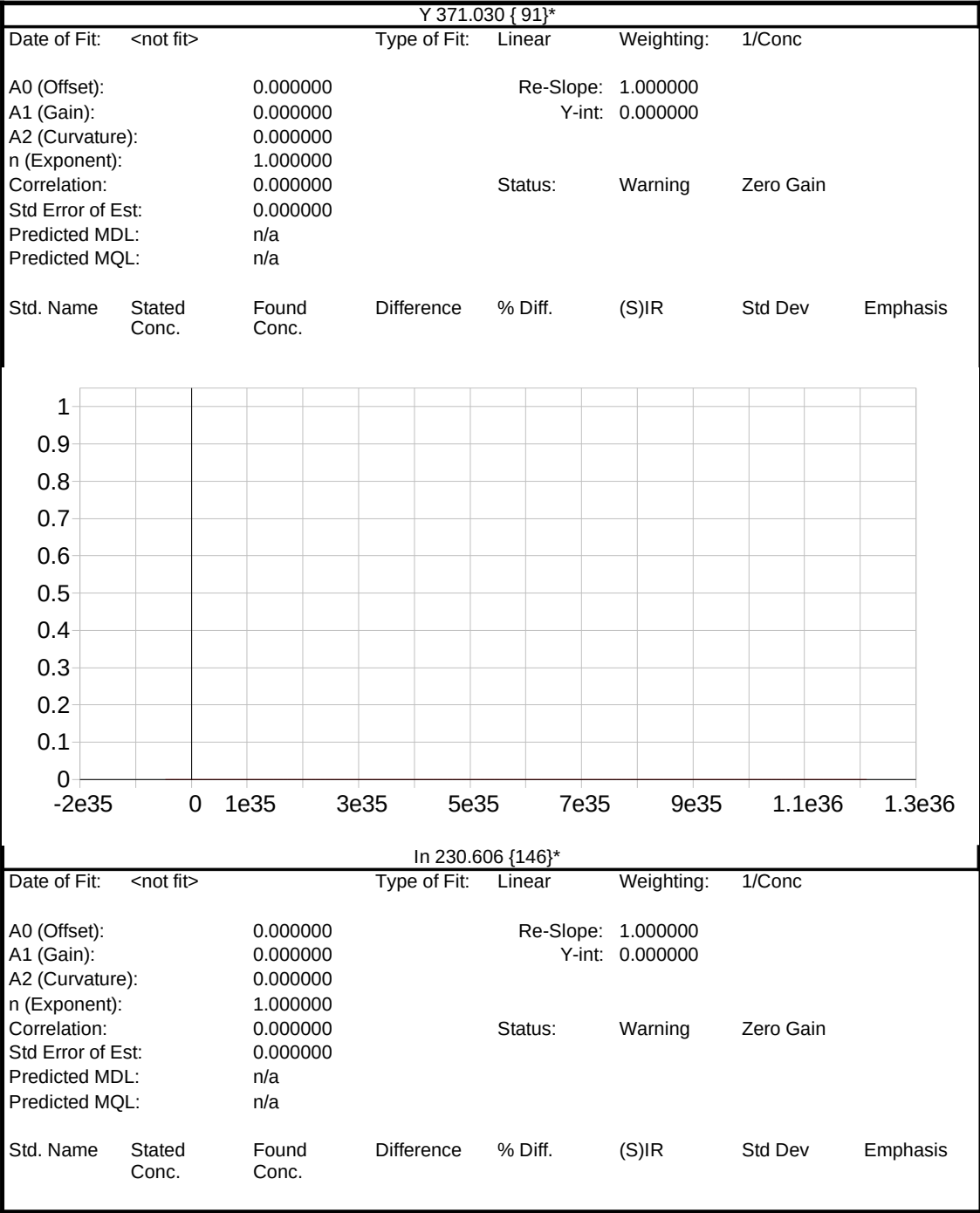
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

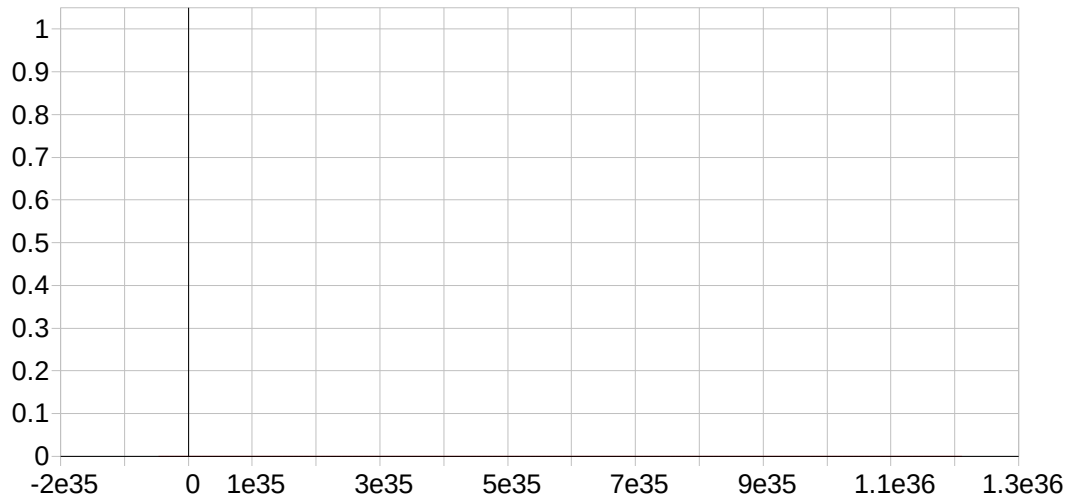
Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

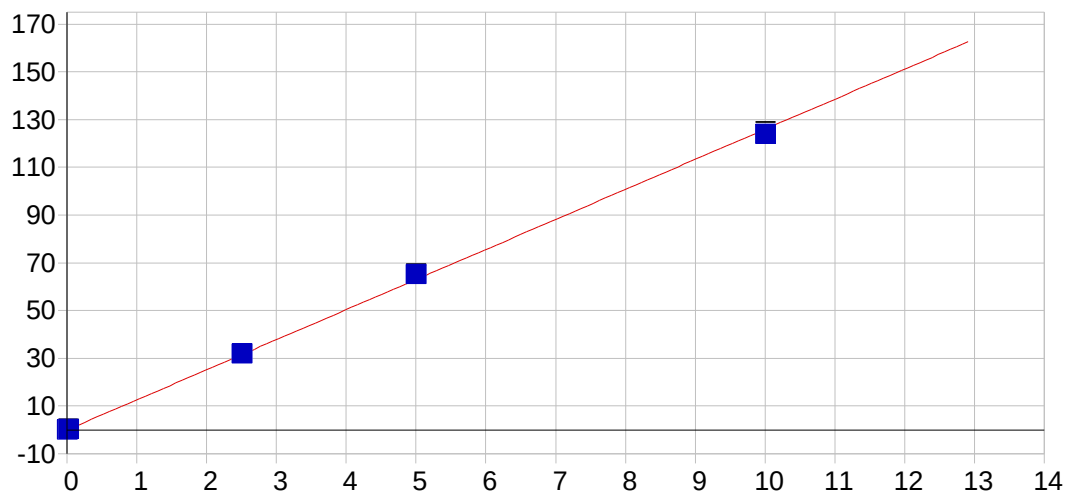
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 2/15/2019 16:09:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.014057

Re-Slope: 1.000000

A1 (Gain): 12.595376

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999767

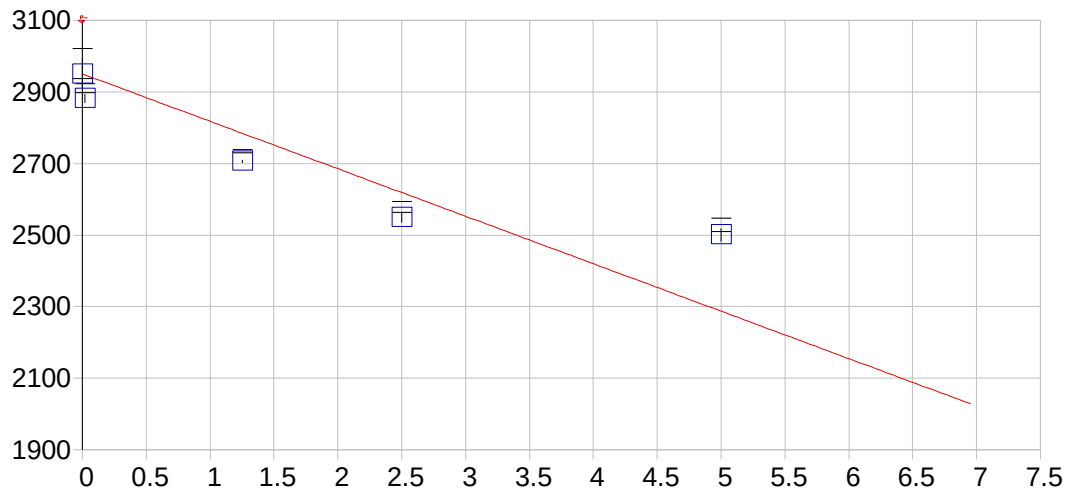
Status: OK.

Std Error of Est: 0.006572

Predicted MDL: 0.000120

Predicted MQL: 0.000399

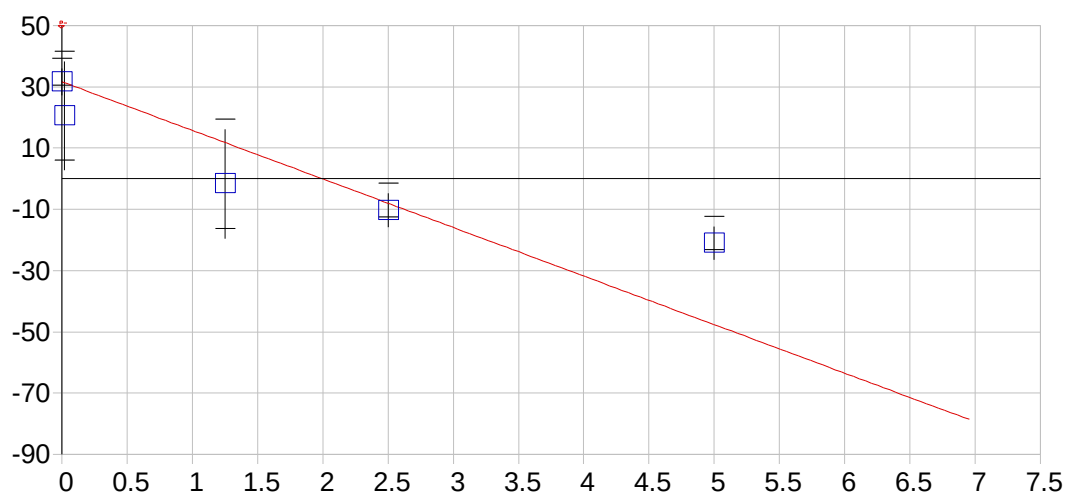
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01406	.001	1
S1	.02000	.01969	-.000	-1.57	.23528	.004	1
S3	2.5000	2.5176	.018	.706	31.731	.138	1
S4	5.0000	5.1578	.158	3.16	65.020	.251	1
S5	10.000	9.8249	-.175	-1.75	123.87	.955	1



Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2950.482353 Re-Slope: 1.000000
A1 (Gain): -132.625624 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.630935 Status: Warning Negative Gain
Std Error of Est: 2.786899
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.001	.000	2950.5	42.6	1
S1	.02000	.51682	.497	2480.	2881.9	13.0	1
S3	1.2500	1.8416	.592	47.3	2706.2	4.28	1
S4	2.5000	3.0205	.520	20.8	2549.9	14.6	1
S5	5.0000	3.3911	-1.61	-32.2	2500.7	18.8	1



U 385.958 { 87}

Date of Fit: 2/15/2019 16:09:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 31.638433 Re-Slope: 1.000000

A1 (Gain): -15.854694 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.512909

Status: Warning Negative Gain

Std Error of Est: 0.453458

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00069	-.001	.000	31.649	4.43	1
S1	.02000	.70399	.684	3420.	20.477	17.7	1
S3	1.2500	2.0996	.850	68.0	-1.6507	17.9	1
S4	2.5000	2.6448	.145	5.79	-10.294	5.46	1
S5	5.0000	3.3216	-1.68	-33.6	-21.024	5.48	1

Sample Name: S0 Acquired: 2/15/2019 13:10:53 Type: Cal
Method: P4-ICP2(v2866) 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	-.00023	.00002	.00552	.00013	.00053	.00019	.12594	-.00017
Stddev	.00010	.00014	.00031	.00010	.00022	.00009	.00132	.00009
%RSD	45.463	691.81	5.6319	79.009	41.900	48.813	1.0493	55.588

#1	-.00011	-.00012	.00562	.00004	.00037	.00023	.12441	-.00009
#2	-.00032	.00002	.00576	.00010	.00044	.00025	.12672	-.00027
#3	-.00026	.00016	.00517	.00024	.00078	.00008	.12669	-.00014

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	-.00278	.00088	-.00021	-.00034	.00045	.00711	-.00015	-.00058
Stddev	.00016	.00063	.00006	.00017	.00019	.00038	.00010	.00038
%RSD	5.8439	71.785	30.107	50.979	42.504	5.2787	66.104	65.181

#1	-.00283	.00138	-.00029	-.00036	.00024	.00700	-.00026	-.00100
#2	-.00292	.00110	-.00020	-.00016	.00061	.00680	-.00009	-.00044
#3	-.00260	.00017	-.00016	-.00050	.00050	.00753	-.00009	-.00029

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	-.00832	.00087	.02079	.00068	.00175	-.13281	.00043	.00117
Stddev	.00026	.00002	.00264	.00004	.00014	.00158	.00002	.00057
%RSD	3.0686	2.4240	12.702	6.2438	7.7295	1.1897	5.1880	48.563

#1	-.00813	.00086	.02180	.00064	.00165	-.13418	.00042	.00126
#2	-.00861	.00085	.01779	.00069	.00190	-.13316	.00046	.00168
#3	-.00822	.00089	.02277	.00072	.00171	-.13108	.00042	.00056

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	.00032	.01644	.00118	.00251	.01136	-.0029	-.01406	2950.5
Stddev	.00007	.00034	.00009	.00060	.00372	.0001	.00105	42.6
%RSD	21.871	2.0571	7.6784	23.856	32.728	2.941	7.4871	1.4455

#1	.00025	.01680	.00112	.00244	.01429	-.0030	-.01396	2903.2
#2	.00033	.01613	.00115	.00314	.01261	-.0029	-.01516	2986.0
#3	.00039	.01639	.00129	.00195	.00718	-.0028	-.01306	2962.4

Sample Name: S0 Acquired: 2/15/2019 13:10:53 Type: Cal
 Method: P4-ICP2(v2866) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	31.649
Stddev	4.431
%RSD	14.000

#1	35.600
#2	32.490
#3	26.859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.2	36120.	3548.4	14.144	3467.2
Stddev	16.3	86.	11.6	.582	15.0
%RSD	.52643	.23760	.32808	4.1173	.43404

#1	3100.2	36029.	3536.4	13.548	3469.1
#2	3088.5	36134.	3559.6	14.711	3451.3
#3	3120.8	36199.	3549.1	14.173	3481.2

Sample Name: S1 Acquired: 2/15/2019 13:15:20 Type: Cal
Method: P4-ICP2(v2866) 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	.00086	.00479	.00959	.00162	.00813	.00122	.20738	.00618
Stddev	.00007	.00012	.00014	.00011	.00032	.00009	.00344	.00009
%RSD	7.5468	2.5043	1.4504	7.0018	3.9223	7.0749	1.6582	1.5262

#1	.00089	.00490	.00946	.00150	.00828	.00122	.21069	.00629
#2	.00091	.00466	.00974	.00164	.00834	.00113	.20764	.00616
#3	.00079	.00481	.00957	.00173	.00776	.00130	.20382	.00610

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	.01417	.00264	.03819	.01554	.04129	.03374	.02217	.00364
Stddev	.00021	.00018	.00052	.00013	.00094	.00033	.00015	.00009
%RSD	1.4903	6.9916	1.3638	.82546	2.2850	.96447	.69556	2.5726

#1	.01440	.00285	.03870	.01569	.04235	.03405	.02226	.00354
#2	.01414	.00257	.03821	.01547	.04097	.03377	.02225	.00370
#3	.01398	.00250	.03766	.01546	.04055	.03340	.02199	.00370

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	.01225	.09922	.12990	.00646	.00044	.18736	.01156	.01557
Stddev	.00006	.00111	.00210	.00029	.00007	.00163	.00013	.00050
%RSD	.50560	1.1190	1.6138	4.4744	15.495	.87249	1.0822	3.2063

#1	.01219	.10030	.13211	.00652	.00051	.18921	.01164	.01608
#2	.01223	.09927	.12965	.00614	.00037	.18679	.01162	.01556
#3	.01231	.09808	.12794	.00671	.00043	.18609	.01142	.01508

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04026	-.0009	.23528	2881.9	20.477
Stddev	.00526	.0002	.00429	13.0	17.739
%RSD	13.065	28.47	1.8245	.45156	86.630

#1	.04217	-.0007	.24006	2875.6	27.794
#2	.04429	-.0012	.23405	2896.9	33.386
#3	.03431	-.0008	.23174	2873.3	.24965

Sample Name: S1 Acquired: 2/15/2019 13:15:20 Type: Cal
Method: P4-ICP2(v2866) 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	3100.7	36148.	3582.1	15.608	3445.4
Stddev	9.3	42.	4.6	1.517	4.8
%RSD	.29910	.11509	.12766	9.7176	.13989
#1	3097.8	36146.	3576.9	14.011	3447.4
#2	3093.3	36107.	3584.3	15.784	3439.8
#3	3111.1	36191.	3585.2	17.030	3448.8

Sample Name: S2 Acquired: 2/15/2019 13:19:47 Type: Cal
Method: P4-ICP2(v2866) 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	.13161	.02055	.87557	.06120
Stddev	.00092	.00022	.00833	.00369
%RSD	.69844	1.0501	.95190	6.0220

#1	.13072	.02031	.87643	.06542
#2	.13154	.02074	.86684	.05861
#3	.13256	.02059	.88344	.05958

Int. Std.	Y_3710
Units	Cts/S
Avg	3638.4
Stddev	39.7
%RSD	1.0914

#1	3617.9
#2	3684.2
#3	3613.1

Sample Name: S3 Acquired: 2/15/2019 13:24:02 Type: Cal
Method: P4-ICP2(v2866) 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	.15005	.29935	.82302	.19271	.36564	.05115	4.1741	.13617
Stddev	.00019	.00149	.00228	.00046	.00029	.00039	.0181	.00041
%RSD	.12993	.49910	.27683	.23737	.07975	.75756	.43233	.29898
#1	.14984	.29999	.82524	.19256	.36533	.05085	4.1702	.13572
#2	.15022	.29765	.82313	.19322	.36570	.05159	4.1937	.13627
#3	.15011	.30042	.82068	.19234	.36590	.05101	4.1582	.13652
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	3.9308	.74984	.13744	1.5787	.47554	.84407	2.0165	.11848
Stddev	.0080	.00838	.00009	.0031	.00082	.00572	.0014	.00151
%RSD	.20257	1.1174	.06213	.19512	.17315	.67784	.07017	1.2712
#1	3.9392	.74086	.13751	1.5822	.47532	.83968	2.0181	.11716
#2	3.9298	.75744	.13735	1.5776	.47645	.85054	2.0154	.12012
#3	3.9233	.75121	.13748	1.5764	.47485	.84200	2.0161	.11817
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	.94582	.17478	4.9731	.35270	3.0977	.99352	1.6815	.13529
Stddev	.00419	.00029	.0204	.00043	.0074	.00656	.0009	.00274
%RSD	.44330	.16626	.41017	.12280	.23760	.65978	.05178	2.0250
#1	.95029	.17451	4.9897	.35310	3.1051	.99339	1.6819	.13319
#2	.94198	.17473	4.9792	.35277	3.0976	1.0001	1.6822	.13839
#3	.94519	.17509	4.9503	.35224	3.0904	.98702	1.6805	.13428
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	.01768	1.0945	.63623	.77367	3.8747	.2808	31.731	2706.2
Stddev	.00029	.0038	.00047	.00722	.0241	.0004	.138	4.3
%RSD	1.6370	.35056	.07356	.93279	.62306	.1254	.43562	.15803
#1	.01762	1.0910	.63652	.76826	3.8804	.2804	31.729	2710.5
#2	.01799	1.0986	.63649	.78186	3.8954	.2810	31.871	2706.3
#3	.01742	1.0940	.63569	.77089	3.8482	.2811	31.594	2701.9

Sample Name: S3 Acquired: 2/15/2019 13:24:02 Type: Cal
Method: P4-ICP2(v2866) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-1.6507
Stddev	17.868
%RSD	1082.4

#1	17.925
#2	-17.083
#3	-5.7942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.8	35183.	3598.8	14.571	3230.5
Stddev	5.7	67.	18.2	1.214	6.6
%RSD	.18940	.18955	.50655	8.3340	.20406

#1	3019.8	35128.	3603.1	15.347	3223.3
#2	3015.7	35163.	3578.8	15.195	3232.1
#3	3027.0	35257.	3614.5	13.172	3236.2

Sample Name: S4 Acquired: 2/15/2019 13:28:02 Type: Cal
Method: P4-ICP2(v2866) 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	.31242	.62308	1.7116	.39889	.75644	.10635	8.5112	.27953
Stddev	.00286	.00465	.0131	.00309	.00597	.00046	.0226	.00052
%RSD	.91597	.74621	.76388	.77373	.78923	.43126	.26521	.18475

#1	.31089	.61980	1.7016	.39779	.75339	.10594	8.5029	.28001
#2	.31066	.62104	1.7068	.39651	.75261	.10626	8.5367	.27899
#3	.31572	.62840	1.7264	.40238	.76332	.10685	8.4939	.27959

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	8.3056	1.5284	.28100	3.3155	.96641	1.6807	4.1100	.24006
Stddev	.0680	.0084	.00059	.0293	.00752	.0066	.0031	.00202
%RSD	.81937	.54733	.21078	.88252	.77764	.39368	.07508	.84335

#1	8.2493	1.5200	.28120	3.2924	.96105	1.6823	4.1132	.23942
#2	8.2862	1.5367	.28146	3.3057	.96318	1.6864	4.1097	.24233
#3	8.3812	1.5283	.28033	3.3484	.97500	1.6735	4.1070	.23844

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	1.9784	.35425	10.188	.72194	6.5644	2.1516	3.4700	.27625
Stddev	.0175	.00084	.036	.00139	.0517	.0157	.0265	.00261
%RSD	.88656	.23842	.34931	.19275	.78712	.72815	.76221	.94455

#1	1.9657	.35522	10.189	.72105	6.5271	2.1643	3.4545	.27325
#2	1.9711	.35376	10.222	.72123	6.5427	2.1563	3.4550	.27792
#3	1.9984	.35376	10.151	.72355	6.6233	2.1341	3.5005	.27759

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	.03758	2.2716	1.3256	1.5859	7.9616	.6051	65.020	2549.9
Stddev	.00016	.0086	.0129	.0137	.0225	.0045	.251	14.6
%RSD	.43525	.38058	.97587	.86657	.28300	.7463	.38533	.57344

#1	.03751	2.2778	1.3152	1.5741	7.9615	.6006	65.017	2540.2
#2	.03747	2.2754	1.3216	1.6010	7.9841	.6050	65.271	2542.7
#3	.03777	2.2617	1.3401	1.5826	7.9391	.6096	64.770	2566.7

Sample Name: S4 Acquired: 2/15/2019 13:28:02 Type: Cal
Method: P4-ICP2(v2866) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-10.294
Stddev	5.457
%RSD	53.007

#1	-4.4473
#2	-15.251
#3	-11.184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.5	33805.	3519.3	14.200	3010.8
Stddev	16.6	107.	23.3	.250	17.0
%RSD	.57360	.31586	.66162	1.7583	.56346

#1	2899.8	33686.	3498.5	14.362	3017.6
#2	2914.4	33836.	3515.1	13.913	3023.4
#3	2881.2	33892.	3544.5	14.326	2991.5

Sample Name: S5 Acquired: 2/15/2019 13:32:02 Type: Cal
Method: P4-ICP2(v2866) 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	.60586	1.1943	3.3183	.76932	1.4582	.20481	16.549	.53793
Stddev	.00263	.0053	.0144	.00300	.0064	.00099	.059	.00230
%RSD	.43466	.44348	.43308	.39056	.44192	.48291	.35671	.42741
#1	.60881	1.1976	3.3248	.77219	1.4644	.20483	16.509	.53959
#2	.60502	1.1971	3.3283	.76959	1.4586	.20381	16.521	.53891
#3	.60375	1.1882	3.3018	.76620	1.4515	.20579	16.617	.53531
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	16.199	2.9038	.53519	6.4656	1.8252	3.1547	7.7741	.45908
Stddev	.071	.0084	.00043	.0307	.0092	.0165	.0128	.00322
%RSD	.43762	.29081	.07954	.47458	.50609	.52249	.16465	.70186
#1	16.226	2.8950	.53521	6.4795	1.8347	3.1382	7.7878	.45549
#2	16.253	2.9046	.53560	6.4869	1.8246	3.1712	7.7721	.46005
#3	16.119	2.9118	.53475	6.4304	1.8162	3.1547	7.7625	.46171
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	3.8372	.68417	19.795	1.3883	12.904	4.3221	6.6348	.52608
Stddev	.0138	.00113	.036	.0013	.062	.0149	.0317	.00238
%RSD	.35823	.16498	.18229	.09354	.47959	.34521	.47802	.45308
#1	3.8403	.68544	19.776	1.3892	12.927	4.3137	6.6700	.52448
#2	3.8491	.68329	19.773	1.3868	12.951	4.3132	6.6259	.52495
#3	3.8221	.68377	19.837	1.3888	12.834	4.3393	6.6085	.52882
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	.07586	4.4374	2.5693	3.0418	15.477	1.195	123.87	2500.7
Stddev	.00011	.0148	.0134	.0173	.063	.010	.95	18.8
%RSD	.14742	.33346	.52186	.56828	.40985	.8229	.77055	.75204
#1	.07596	4.4220	2.5742	3.0497	15.464	1.194	122.85	2502.2
#2	.07589	4.4516	2.5796	3.0220	15.421	1.205	124.02	2518.7
#3	.07574	4.4386	2.5541	3.0537	15.546	1.186	124.74	2481.2

Sample Name: S5 Acquired: 2/15/2019 13:32:02 Type: Cal
 Method: P4-ICP2(v2866) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-21.024
Stddev	5.476
%RSD	26.049

#1	-15.847
#2	-20.467
#3	-26.757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.7	34047.	3572.5	13.579	2934.7
Stddev	16.4	108.	9.9	1.621	13.0
%RSD	.56394	.31673	.27790	11.939	.44383

#1	2883.0	33936.	3581.2	14.285	2924.1
#2	2908.7	34152.	3561.7	11.724	2930.8
#3	2913.4	34052.	3574.6	14.728	2949.2

Sample Name: ICV01 Acquired: 2/15/2019 13:36:07 Type: Unk
Method: P4-ICP2(v2866) 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	.99748	1.0128	1.0012	.99914	1.0000	2.5128	.49682
Stddev	.00441	.0080	.0046	.00527	.0045	.0279	.00491
%RSD	.44256	.78599	.46331	.52783	.44554	1.1093	.98801

#1	1.0024	1.0167	1.0064	1.0052	1.0035	2.4907	.49777
#2	.99603	1.0180	.99980	.99637	1.0016	2.5036	.50119
#3	.99397	1.0036	.99742	.99584	.99501	2.5441	.49151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48759	.48514	10.174	.50122	.49570	.51293	5.1926
Stddev	.00044	.00314	.047	.00146	.00256	.00237	.0369
%RSD	.08924	.64687	.45984	.29061	.51669	.46118	.71155

#1	.48753	.48876	10.201	.50265	.49856	.51560	5.2256
#2	.48719	.48350	10.201	.50126	.49493	.51209	5.1995
#3	.48805	.48316	10.120	.49974	.49361	.51110	5.1527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51050	6.0969	.49955	.49795	9.9796	.49983	.98226
Stddev	.00174	.0206	.00289	.00126	.0268	.00115	.00693
%RSD	.34118	.33783	.57787	.25271	.26841	.22911	.70581

#1	.51181	6.0732	.50212	.49858	9.9828	.50114	.99011
#2	.51116	6.1078	.50010	.49650	10.005	.49901	.97967
#3	.50852	6.1099	.49643	.49877	9.9513	.49934	.97699

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.098	2.6129	F 2.6354	F 3.5884	2.5203	2.5799	F 2.6766
Stddev	.093	.0147	.0108	.0407	.0215	.0115	.0106
%RSD	.91617	.56222	.40868	1.1351	.85290	.44634	.39730

#1	10.041	2.6299	2.6461	3.6277	2.5438	2.5923	2.6803
#2	10.204	2.6035	2.6356	3.5910	2.5156	2.5777	2.6849
#3	10.047	2.6055	2.6245	3.5464	2.5016	2.5696	2.6646

Sample Name: ICV01 Acquired: 2/15/2019 13:36:07 Type: Unk
Method: P4-ICP2(v2866) 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 3.8107	F 3.581	F 3.4596	F 1.7878	F<.00000
Stddev	.0120	.024	.0123	.0503	.43887
%RSD	.31437	.6755	.35656	2.8164	16.620
#1	3.8114	3.606	3.4647	1.8154	-2.1505
#2	3.8223	3.580	3.4685	1.7297	-2.9973
#3	3.7984	3.558	3.4455	1.8183	-2.7739
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3053.1	35566.	3661.0	15.969	3274.0
Stddev	20.3	96.	32.4	.430	22.9
%RSD	.66600	.26965	.88468	2.6957	.69808
#1	3030.0	35524.	3631.5	15.479	3247.6
#2	3068.4	35497.	3655.8	16.284	3288.0
#3	3060.8	35675.	3695.6	16.145	3286.3

Sample Name: LLICV01 Acquired: 2/15/2019 13:46:35 Type: Unk
Method: P4-ICP2(v2866) 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	.01883	.04038	.01142	.01958	.05147	.09819	.08349	.00562
Stddev	.00114	.00103	.00050	.00064	.00057	.00440	.00155	.00008
%RSD	6.0481	2.5540	4.3985	3.2921	1.1038	4.4774	1.8527	1.4146

#1	.01805	.03945	.01146	.01920	.05081	.10295	.08511	.00570
#2	.02014	.04021	.01189	.01920	.05177	.09734	.08333	.00562
#3	.01831	.04149	.01089	.02032	.05183	.09428	.08203	.00554

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	1.8643	.00929	.02935	.01980	.09890	.02005	1.9992
Stddev	.00007	.0125	.00033	.00013	.00020	.00143	.00011	.0850
%RSD	1.4350	.67248	3.5194	.43781	1.0306	1.4441	.53564	4.2514

#1	.00504	1.8763	.00964	.02947	.01975	.10050	.02017	1.9425
#2	.00511	1.8654	.00899	.02937	.02002	.09846	.02001	2.0970
#3	.00518	1.8513	.00925	.02921	.01962	.09775	.01996	1.9583

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03892	.00929	1.8659	.03963	.03788	1.9506	.19077	.08791
Stddev	.00011	.00062	.0070	.00045	.00009	.0649	.00040	.00871
%RSD	.26994	6.6951	.37626	1.1339	.24371	3.3259	.21112	9.9118

#1	.03899	.00858	1.8582	.03922	.03777	1.9298	.19113	.09725
#2	.03896	.00972	1.8675	.03955	.03794	1.8987	.19083	.08000
#3	.03880	.00957	1.8719	.04011	.03792	2.0233	.19034	.08648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02556	.35251	.03927	.03913	F .01276	F .0159	.01839	F 1.5967
Stddev	.01207	.00510	.00083	.00335	.00107	.0008	.00013	.0821
%RSD	47.213	1.4457	2.1102	8.5656	8.4024	4.906	.68091	5.1439

#1	.01816	.35837	.03839	.04074	.01153	.0158	.01849	1.5168
#2	.03949	.35000	.04003	.04137	.01350	.0168	.01843	1.5925
#3	.01904	.34915	.03939	.03527	.01325	.0152	.01825	1.6809

Sample Name: LLICV01 Acquired: 2/15/2019 13:46:35 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .34334
Stddev	.78158
%RSD	227.64

#1	-.33666
#2	.16947
#3	1.1972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.0	36433.	3691.8	15.417	3442.0
Stddev	3.2	188.	58.1	1.613	5.7
%RSD	.10463	.51638	1.5744	10.460	.16438

#1	3075.2	36319.	3639.0	16.345	3436.2
#2	3080.7	36329.	3682.3	13.555	3442.5
#3	3081.0	36650.	3754.1	16.350	3447.5

Sample Name: ICB01 Acquired: 2/15/2019 13:51:00 Type: Unk
Method: P4-ICP2(v2866) 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	-.00109	.00029	-.00082	-.00266	.00265	-.00299	-.01055	-.00003
Stddev	.00155	.00183	.00037	.00375	.00098	.00610	.00369	.00005
%RSD	142.39	635.81	44.715	140.79	36.946	204.32	34.925	165.11
#1	-.00209	.00047	-.00100	.00138	.00316	.00404	-.00694	-.00006
#2	.00069	-.00163	-.00107	-.00603	.00152	-.00600	-.01041	.00003
#3	-.00186	.00202	-.00040	-.00333	.00327	-.00700	-.01431	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00719	.00024	-.00003	.00009	-.00089	.00001	.03837
Stddev	.00010	.00982	.00014	.00029	.00049	.00302	.00004	.05651
%RSD	102.54	136.62	60.013	1147.3	567.33	339.34	483.78	147.25
#1	-.00022	.00075	.00038	-.00020	.00065	.00084	-.00001	-.01709
#2	-.00004	.01848	.00009	-.00018	-.00024	-.00437	-.00002	.09587
#3	-.00004	.00232	.00024	.00031	-.00015	.00086	.00005	.03634
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00018	-.02831	-.00047	.00006	.11762	-.00022	-.00575
Stddev	.00004	.00034	.00726	.00040	.00004	.03848	.00017	.00812
%RSD	78.579	191.41	25.658	83.975	59.631	32.717	78.027	141.11
#1	.00007	-.00036	-.02115	-.00073	.00002	.15857	-.00026	-.00341
#2	.00009	.00022	-.02811	-.00067	.00009	.11210	-.00037	.00094
#3	.00001	-.00040	-.03568	-.00002	.00008	.08220	-.00003	-.01478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01556	-.00837	-.00094	-.00331	-.00301	.0003	.00008	F 1.3943
Stddev	.00817	.00367	.00003	.00113	.00193	.0005	.00008	.1830
%RSD	52.518	43.791	3.4618	34.178	63.883	163.3	100.05	13.126
#1	.00699	-.00467	-.00096	-.00407	-.00510	.0001	.00001	1.3252
#2	.01642	-.00844	-.00090	-.00201	-.00131	-.0000	.00006	1.6018
#3	.02326	-.01200	-.00096	-.00384	-.00263	.0010	.00017	1.2559

Sample Name: ICB01 Acquired: 2/15/2019 13:51:00 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .29211
Stddev	.54281
%RSD	185.83

#1	-.11634
#2	.90806
#3	.08461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.1	36717.	3703.1	13.508	3466.5
Stddev	6.0	129.	27.9	1.173	10.5
%RSD	.19419	.35157	.75444	8.6870	.30347

#1	3085.5	36568.	3679.4	12.677	3473.0
#2	3089.3	36782.	3696.1	12.995	3472.1
#3	3077.6	36800.	3733.9	14.850	3454.3

Sample Name: CRI01 Acquired: 2/15/2019 13:55:28 Type: Unk
Method: P4-ICP2(v2866) 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	.01819	.03986	.01231	.01924	.05277	.09464	.08090	.00560
Stddev	.00120	.00125	.00097	.00194	.00130	.00540	.00370	.00004
%RSD	6.5823	3.1388	7.8534	10.069	2.4655	5.7081	4.5783	.70766
#1	.01953	.03842	.01302	.01859	.05323	.09845	.08360	.00564
#2	.01777	.04072	.01121	.02142	.05377	.09702	.08243	.00558
#3	.01725	.04042	.01271	.01771	.05130	.08846	.07668	.00556
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	1.8565	.00965	.02913	.01971	.09898	.02000	1.9620
Stddev	.00005	.0268	.00035	.00016	.00010	.00139	.00021	.0246
%RSD	1.0212	1.4444	3.5868	.55117	.52436	1.4005	1.0441	1.2545
#1	.00532	1.8852	.01005	.02901	.01959	.09798	.02024	1.9883
#2	.00524	1.8520	.00950	.02931	.01977	.10056	.01985	1.9580
#3	.00522	1.8322	.00940	.02906	.01976	.09841	.01993	1.9396
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03871	.00935	1.8647	.03884	.03797	1.9492	.19082	.09512
Stddev	.00021	.00035	.0129	.00063	.00025	.0480	.00075	.00553
%RSD	.54818	3.7541	.69379	1.6166	.64751	2.4623	.39429	5.8161
#1	.03886	.00943	1.8604	.03928	.03824	1.9842	.19090	.09626
#2	.03847	.00897	1.8792	.03812	.03793	1.8945	.19154	.09999
#3	.03880	.00966	1.8544	.03911	.03775	1.9689	.19004	.08910
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02224	.34967	.03900	.04048	.01544	.0170	.01837	F 1.6184
Stddev	.01490	.00527	.00080	.00056	.00287	.0013	.00012	.0712
%RSD	67.022	1.5070	2.0386	1.3888	18.578	7.850	.66501	4.4025
#1	.03583	.35575	.03974	.04102	.01249	.0169	.01823	1.5993
#2	.00630	.34689	.03911	.03990	.01822	.0157	.01842	1.6973
#3	.02458	.34638	.03816	.04053	.01563	.0184	.01845	1.5587

Sample Name: CRI01 Acquired: 2/15/2019 13:55:28 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51252
Stddev	.38154
%RSD	74.443

#1	.16641
#2	.92164
#3	.44950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.6	36567.	3701.2	15.183	3450.7
Stddev	14.3	103.	40.3	.451	15.4
%RSD	.46280	.28075	1.0879	2.9673	.44520

#1	3065.0	36451.	3662.4	14.686	3433.9
#2	3092.9	36646.	3698.5	15.566	3464.0
#3	3084.1	36605.	3742.8	15.295	3454.2

Sample Name: ICSA01 Acquired: 2/15/2019 13:59:53 Type: Unk
Method: P4-ICP2(v2866) 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	-.00875	-.00245	.00086	.00768	-.00938	271.27	-.00402	.00279
Stddev	.00241	.00135	.00132	.00448	.00263	3.84	.00126	.00018
%RSD	27.582	55.219	154.64	58.343	28.000	1.4151	31.448	6.3177
#1	-.00845	-.00401	-.00047	.00610	-.01032	271.77	-.00530	.00277
#2	-.00651	-.00163	.00086	.01275	-.01140	267.20	-.00398	.00263
#3	-.01130	-.00170	.00218	.00421	-.00641	274.83	-.00278	.00298
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00426	247.30	.05661	-.00059	.00304	92.358	.01471	258.74
Stddev	.00016	.66	.00108	.00007	.00017	.466	.00021	.45
%RSD	3.8147	.26552	1.9036	11.229	5.5412	.50426	1.4449	.17283
#1	-.00445	246.70	.05770	-.00056	.00308	92.895	.01488	258.34
#2	-.00419	248.00	.05554	-.00066	.00286	92.096	.01447	259.22
#3	-.00415	247.20	.05659	-.00054	.00318	92.082	.01477	258.64
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00820	-.00728	.01633	.00107	-.01490	.11627	.00142	.04971
Stddev	.00015	.00083	.00130	.00054	.00006	.03072	.00076	.00290
%RSD	1.7711	11.448	7.9430	50.451	.41037	26.420	53.577	5.8291
#1	-.00803	-.00691	.01597	.00047	-.01497	.10434	.00177	.04876
#2	-.00825	-.00669	.01524	.00151	-.01485	.09331	.00193	.04741
#3	-.00831	-.00823	.01776	.00122	-.01487	.15116	.00054	.05297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03420	-.01819	.01086	-.00367	F .02210	.0019	.00286	4.4600
Stddev	.02696	.00342	.00153	.00058	.00170	.0022	.00090	.4296
%RSD	78.827	18.794	14.129	15.912	7.6961	117.0	31.485	9.6331
#1	.06407	-.02211	.01020	-.00379	.02041	.0002	.00192	4.6218
#2	.02687	-.01662	.00977	-.00418	.02209	.0011	.00295	3.9730
#3	.01167	-.01583	.01261	-.00304	.02381	.0043	.00371	4.7853

Sample Name: ICSA01 Acquired: 2/15/2019 13:59:53 Type: Unk
 Method: P4-ICP2(v2866) 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	.49841
%RSD	.51899

#1	-96.609
#2	-95.779
#3	-95.716

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.1	32237.	3540.6	12.545	2766.4
Stddev	4.6	467.	22.5	.622	6.8
%RSD	.16838	1.4500	.63454	4.9556	.24701

#1	2715.9	31908.	3520.7	12.430	2758.5
#2	2723.6	32772.	3536.1	11.989	2771.0
#3	2724.0	32031.	3565.0	13.216	2769.7

Sample Name: ICSAB01 Acquired: 2/15/2019 14:04:24 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09710	.08681	.05322	.05957	.63467	268.48	.50654	.55626
Stddev	.00124	.00216	.00104	.00203	.00574	.64	.00424	.00228
%RSD	1.2732	2.4893	1.9621	3.4081	.90462	.23935	.83783	.40899
#1	.09853	.08928	.05357	.06074	.64094	268.40	.50755	.55376
#2	.09638	.08528	.05404	.05723	.63343	267.89	.50189	.55681
#3	.09640	.08586	.05204	.06075	.62966	269.16	.51020	.55820
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0113	241.70	.56918	.50817	.51037	90.812	.52989	253.02
Stddev	.0023	.41	.00012	.00194	.00107	.305	.00172	.78
%RSD	.22961	.17107	.02179	.38235	.21057	.33544	.32460	.30803
#1	1.0116	242.18	.56911	.51022	.51003	90.992	.53149	253.69
#2	1.0134	241.51	.56933	.50792	.51158	90.984	.52807	253.20
#3	1.0088	241.42	.56912	.50636	.50951	90.461	.53011	252.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99374	.19181	.03182	.51595	1.0694	.15005	1.1138	1.1155
Stddev	.00221	.00071	.01164	.00013	.0024	.05551	.0021	.0140
%RSD	.22200	.37232	36.583	.02486	.21951	36.997	.18638	1.2562
#1	.99627	.19254	.01849	.51586	1.0697	.12895	1.1155	1.1122
#2	.99219	.19111	.03698	.51610	1.0715	.10818	1.1144	1.1309
#3	.99277	.19178	.04000	.51590	1.0669	.21302	1.1115	1.1035
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.4707	.95572	1.1074	1.1085	F 1.5093	F 1.418	F 1.2605	4.7827
Stddev	.0176	.00414	.0069	.0028	.0042	.001	.0006	.1216
%RSD	1.1934	.43296	.61840	.25502	.27835	.0722	.04326	2.5433
#1	1.4816	.95963	1.1087	1.1066	1.5055	1.419	1.2608	4.6426
#2	1.4505	.95614	1.1134	1.1071	1.5138	1.417	1.2608	4.8615
#3	1.4801	.95139	1.0999	1.1117	1.5086	1.417	1.2598	4.8439

Sample Name: ICSAB01 Acquired: 2/15/2019 14:04:24 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.16224
%RSD	.17453

#1	-93.019
#2	-93.086
#3	-92.778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.4	31878.	3545.4	13.753	2761.0
Stddev	11.0	73.	13.8	.912	8.6
%RSD	.40389	.22924	.38974	6.6283	.31088

#1	2717.1	31795.	3535.0	14.735	2758.4
#2	2706.6	31932.	3540.1	12.934	2754.1
#3	2728.6	31907.	3561.1	13.590	2770.6

Sample Name: CCV01 Acquired: 2/15/2019 14:08:38 Type: Unk
Method: P4-ICP2(v2866) 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	5.0581	5.0056	5.0248	5.0634	5.0774	9.9728	10.005	.25518
Stddev	.0148	.0121	.0247	.0277	.0352	.1090	.021	.00051
%RSD	.29311	.24172	.49181	.54712	.69223	1.0933	.21175	.19947
#1	5.0736	4.9993	5.0365	5.0917	5.1088	9.8684	10.011	.25572
#2	5.0567	5.0195	5.0415	5.0621	5.0840	10.086	9.9815	.25470
#3	5.0440	4.9979	4.9965	5.0364	5.0394	9.9639	10.023	.25514
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4999	24.987	1.0049	2.5043	1.2658	5.0739	2.5152	24.799
Stddev	.0114	.064	.0003	.0115	.0056	.0478	.0048	.069
%RSD	.45583	.25551	.03092	.45729	.44541	.94135	.19162	.27789
#1	2.5028	24.914	1.0048	2.5059	1.2704	5.1246	2.5097	24.742
#2	2.5097	25.014	1.0047	2.5149	1.2675	5.0297	2.5172	24.875
#3	2.4874	25.033	1.0053	2.4921	1.2595	5.0675	2.5187	24.780
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4836	1.2580	24.891	2.4978	2.5094	24.752	5.1037	4.9072
Stddev	.0098	.0029	.057	.0053	.0093	.113	.0223	.0217
%RSD	.39583	.23474	.22991	.21206	.37231	.45831	.43687	.44265
#1	2.4844	1.2565	24.882	2.4956	2.5129	24.857	5.1283	4.8943
#2	2.4931	1.2614	24.839	2.5038	2.5164	24.632	5.0981	4.9323
#3	2.4735	1.2561	24.953	2.4939	2.4988	24.768	5.0848	4.8950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9577	4.9234	4.9211	5.0675	4.9907	4.959	5.0945	F 3.7405
Stddev	.0381	.0408	.0164	.0233	.0084	.008	.0088	.1632
%RSD	.76784	.82777	.33227	.45932	.16752	.1668	.17238	4.3626
#1	4.9968	4.9559	4.9242	5.0573	4.9949	4.961	5.0933	3.7586
#2	4.9208	4.8777	4.9357	5.0942	4.9960	4.966	5.0864	3.8938
#3	4.9553	4.9367	4.9034	5.0511	4.9810	4.950	5.1038	3.5690

Sample Name: CCV01 Acquired: 2/15/2019 14:08:38 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6255
Stddev	.4370
%RSD	16.646

#1	2.9295
#2	2.8223
#3	2.1247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.8	34574.	3622.0	13.901	3059.9
Stddev	15.4	88.	23.2	.794	14.4
%RSD	.52827	.25586	.63938	5.7124	.47022

#1	2902.6	34655.	3597.6	14.448	3052.5
#2	2914.6	34479.	3643.7	12.990	3050.7
#3	2933.2	34589.	3624.8	14.265	3076.5

Sample Name: LLCCV01 Acquired: 2/15/2019 14:12:38 Type: Unk
Method: P4-ICP2(v2866) 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	.01801	.03892	.01187	.01931	.05204	.09355	.08348	.00550
Stddev	.00080	.00060	.00016	.00267	.00069	.00364	.00089	.00003
%RSD	4.4270	1.5501	1.3857	13.837	1.3217	3.8946	1.0654	.60893
#1	.01805	.03920	.01178	.02240	.05142	.08937	.08273	.00551
#2	.01720	.03823	.01177	.01771	.05192	.09521	.08446	.00546
#3	.01879	.03933	.01206	.01783	.05278	.09607	.08325	.00553
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	1.8491	.00948	.02904	.01929	.09651	.01990	1.9680
Stddev	.00005	.0093	.00042	.00014	.00026	.00107	.00020	.0354
%RSD	.87408	.50437	4.4393	.49337	1.3597	1.1100	.98451	1.7966
#1	.00519	1.8497	.00902	.02897	.01948	.09749	.02000	1.9950
#2	.00516	1.8581	.00985	.02895	.01899	.09668	.02002	1.9279
#3	.00510	1.8395	.00957	.02921	.01939	.09536	.01967	1.9810
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03797	.00926	1.8367	.03845	.03760	1.9453	.19063	.09465
Stddev	.00058	.00004	.0083	.00010	.00006	.0191	.00060	.00593
%RSD	1.5275	.40961	.44944	.26071	.15374	.98066	.31314	6.2611
#1	.03837	.00928	1.8307	.03855	.03755	1.9236	.19123	.09109
#2	.03730	.00929	1.8333	.03836	.03759	1.9526	.19062	.10149
#3	.03823	.00922	1.8461	.03843	.03767	1.9596	.19003	.09137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01784	.34854	.03868	.03980	.01636	.0166	.01859	F 1.5954
Stddev	.01483	.00403	.00018	.00051	.00230	.0019	.00027	.0556
%RSD	83.123	1.1555	.47026	1.2709	14.077	11.12	1.4774	3.4844
#1	.02250	.34595	.03859	.03949	.01671	.0165	.01888	1.5838
#2	.02979	.35318	.03856	.03953	.01846	.0149	.01856	1.5465
#3	.00124	.34648	.03889	.04039	.01390	.0186	.01833	1.6559

Sample Name: LLCCV01 Acquired: 2/15/2019 14:12:38 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .08799
Stddev	.57972
%RSD	658.86

#1	-.58100
#2	.40201
#3	.44295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.3	36478.	3706.5	15.529	3429.2
Stddev	12.9	137.	14.6	.436	13.2
%RSD	.42325	.37571	.39515	2.8049	.38553

#1	3059.2	36368.	3705.4	15.650	3438.6
#2	3065.8	36434.	3692.4	15.891	3434.9
#3	3040.8	36632.	3721.7	15.045	3414.1

Sample Name: CCB01 Acquired: 2/15/2019 14:17:05 Type: Unk
 Method: P4-ICP2(v2866) 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	-.00091	.00059	.00017	.00068	.00182	-.00134	-.01309	.00004
Stddev	.00157	.00064	.00013	.00169	.00067	.01398	.00220	.00004
%RSD	173.53	108.81	75.220	248.79	36.562	1039.2	16.791	89.245

#1	-.00103	.00133	.00020	.00261	.00122	-.01000	-.01311	.00008
#2	-.00241	.00025	.00029	-.00000	.00171	-.00881	-.01089	.00001
#3	.00073	.00019	.00003	-.00057	.00254	.01478	-.01529	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00272	-.00002	-.00012	.00022	.00114	.00004	.02750
Stddev	.00005	.00162	.00007	.00008	.00016	.00051	.00001	.03975
%RSD	81.653	59.822	312.43	69.848	73.166	44.305	31.109	144.55

#1	-.00005	-.00256	-.00004	-.00014	.00007	.00173	.00003	-.01558
#2	-.00013	-.00441	.00005	-.00003	.00020	.00088	.00004	.03533
#3	-.00002	-.00117	-.00007	-.00019	.00039	.00082	.00006	.06275

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00037	-.03036	-.00030	-.00002	.08956	.00004	-.01494
Stddev	.00034	.00020	.00246	.00036	.00008	.01027	.00032	.01304
%RSD	93.118	54.716	8.1085	120.75	498.44	11.463	751.74	87.308

#1	.00007	-.00058	-.02967	-.00021	-.00001	.09941	-.00013	-.00886
#2	.00074	-.00032	-.03309	.00001	.00006	.07892	-.00016	-.00605
#3	.00029	-.00019	-.02832	-.00070	-.00010	.09034	.00041	-.02991

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01376	-.01150	.00034	-.00001	-.00322	.0007	.00006	F 1.9320
Stddev	.01040	.00121	.00062	.00057	.00200	.0012	.00009	.1573
%RSD	75.590	10.491	183.48	4489.8	62.107	187.8	141.94	8.1391

#1	.00922	-.01174	-.00010	-.00055	-.00094	.0001	.00011	2.0655
#2	.00640	-.01019	.00007	.00059	-.00467	.0021	.00011	1.7587
#3	.02566	-.01257	.00105	-.00008	-.00406	-.0002	-.00004	1.9718

Sample Name: CCB01 Acquired: 2/15/2019 14:17:05 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .18928
Stddev	.08641
%RSD	45.653

#1	.13172
#2	.28864
#3	.14747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.7	36523.	3669.6	14.600	3466.1
Stddev	17.6	142.	22.0	.562	21.6
%RSD	.57426	.38844	.60046	3.8512	.62340

#1	3057.7	36471.	3647.3	14.423	3452.7
#2	3087.0	36415.	3691.4	15.230	3491.1
#3	3055.4	36684.	3669.9	14.148	3454.6

Sample Name: LR CHECK 1 Acquired: 2/15/2019 14:21:47 Type: Unk
Method: P4-ICP2(v2866) 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	-.15818	-.11743	.01755	-.17566	-.13640	1912.6	-.01578	.06138
Stddev	.00623	.00453	.00858	.00759	.00785	23.1	.00163	.00040
%RSD	3.9360	3.8569	48.867	4.3228	5.7531	1.2065	10.333	.65363

#1	-.16182	-.11352	.00940	-.17913	-.13574	1894.4	-.01637	.06181
#2	-.16173	-.11639	.02650	-.18089	-.14455	1904.9	-.01393	.06133
#3	-.15099	-.12239	.01675	-.16695	-.12890	1938.6	-.01702	.06101

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08904	1712.2	-.07374	.08821	1.0825	810.15	-.01074	1770.5
Stddev	.00122	12.4	.00101	.00071	.0054	5.16	.00041	7.4
%RSD	1.3709	.72334	1.3740	.80486	.49836	.63655	3.7898	.42042

#1	.08870	1724.5	-.07437	.08862	1.0879	813.56	-.01118	1765.3
#2	.09039	1712.2	-.07257	.08861	1.0824	804.22	-.01068	1767.2
#3	.08802	1699.8	-.07428	.08739	1.0771	812.68	-.01037	1779.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05360	-.28284	1641.7	.00871	.16398	1037.4	-.00430	-.37213
Stddev	.00212	.00166	36.7	.00044	.00182	3.7	.00074	.02367
%RSD	3.9544	.58758	2.2349	5.0674	1.1104	.35959	17.208	6.3607

#1	-.05117	-.28105	1682.1	.00884	.16398	1040.6	-.00463	-.35523
#2	-.05504	-.28433	1632.7	.00821	.16580	1033.3	-.00481	-.39918
#3	-.05460	-.28313	1610.4	.00906	.16216	1038.3	-.00345	-.36197

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00779	-.04453	.09783	-.05441	.20106	.0726	-.87635	<.00000
Stddev	.06174	.00366	.00255	.00168	.00087	.0060	.00567	.17122
%RSD	792.29	8.2230	2.6114	3.0939	.43071	8.317	.64726	2.8260

#1	.00815	-.04605	.09721	-.05635	.20164	.0727	-.88034	-5.8797
#2	-.05412	-.04718	.10064	-.05353	.20006	.0786	-.86986	-6.2209
#3	.06935	-.04035	.09565	-.05335	.20147	.0665	-.87886	-6.0756

Sample Name: LR CHECK 1 Acquired: 2/15/2019 14:21:47 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.9338
%RSD	.18168

#1	-1613.5
#2	-1612.8
#3	-1618.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.5	24167.	3143.1	14.566	1666.7
Stddev	6.7	31.	8.2	1.473	2.8
%RSD	.32821	.12692	.26231	10.114	.17022

#1	2053.9	24186.	3148.6	15.513	1665.2
#2	2061.5	24183.	3147.0	15.316	1669.9
#3	2048.1	24132.	3133.6	12.869	1664.9

Sample Name: LR CHECK 2 Acquired: 2/15/2019 14:26:51 Type: Unk
Method: P4-ICP2(v2866) 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	-.00264	-.00699	241.35	.03618	-.07117	-.22161	97.311	-.00135
Stddev	.00077	.00080	.72	.00168	.00318	.00787	.934	.00008
%RSD	29.018	11.388	.30010	4.6365	4.4650	3.5491	.96011	5.8798

#1	-.00227	-.00789	241.97	.03486	-.07127	-.21259	96.241	-.00128
#2	-.00213	-.00668	241.53	.03562	-.06795	-.22703	97.722	-.00143
#3	-.00352	-.00639	240.55	.03807	-.07430	-.22522	97.969	-.00134

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01368	.32011	-.13113	-.00403	230.43	-.61275	42.024	-.02670
Stddev	.00015	.02914	.00086	.00018	1.60	.00407	.233	.04374
%RSD	1.0937	9.1025	.65964	4.4062	.69291	.66390	.55503	163.81

#1	-.01352	.28985	-.13140	-.00385	229.56	-.61648	42.184	-.01903
#2	-.01372	.34798	-.13183	-.00421	232.28	-.61335	42.132	-.07377
#3	-.01381	.32252	-.13016	-.00402	229.47	-.60841	41.757	.01269

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.635	.00641	1.5081	-.15424	36.463	1.4421	-.01028	-.01178
Stddev	.062	.00030	.1227	.00081	.136	.1197	.00063	.00689
%RSD	.12082	4.7358	8.1326	.52744	.37407	8.3008	6.0916	58.457

#1	51.573	.00621	1.6270	-.15330	36.617	1.5693	-.01011	-.01068
#2	51.635	.00626	1.5152	-.15474	36.357	1.4251	-.00976	-.01915
#3	51.698	.00676	1.3820	-.15468	36.414	1.3317	-.01098	-.00551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03581	-.01774	.00326	-.00503	.00144	.0246	.00248	3.6438
Stddev	.03097	.00227	.00053	.00095	.00159	.0039	.00009	.1725
%RSD	86.494	12.813	16.201	18.805	110.11	15.97	3.6775	4.7351

#1	-.05265	-.02029	.00327	-.00554	.00246	.0271	.00240	3.4474
#2	-.00006	-.01593	.00273	-.00561	.00226	.0265	.00258	3.7709
#3	-.05470	-.01700	.00379	-.00394	-.00039	.0201	.00246	3.7130

Sample Name: LR CHECK 2 Acquired: 2/15/2019 14:26:51 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 24.003
Stddev .287
%RSD 1.1975

#1 24.292
#2 24.000
#3 23.717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.2	37474.	3722.3	13.680	3177.8
Stddev	6.6	18.	3.2	.494	2.5
%RSD	.25216	.04928	.08483	3.6081	.07989

#1	2593.5	37488.	3723.3	14.002	3176.6
#2	2600.5	37453.	3718.7	13.111	3180.7
#3	2606.6	37480.	3724.7	13.925	3176.1

Sample Name: K1460-04DLX10 Acquired: 2/15/2019 14:31:34 Type: Unk
Method: P4-ICP2(v2866) 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	-.00222	-.00352	.02142	.00062	-.00037	.07252	.11994	.00005
Stddev	.00404	.00108	.00180	.00237	.00006	.00652	.00187	.00005
%RSD	182.17	30.733	8.4152	379.90	15.489	8.9915	1.5618	110.66

#1	-.00104	-.00372	.02171	-.00002	-.00038	.07033	.12122	.00003
#2	-.00671	-.00449	.01949	.00325	-.00042	.07985	.11779	.00010
#3	.00110	-.00236	.02306	-.00136	-.00031	.06737	.12082	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	98.023	-.00045	-.00016	.00368	1.7713	.49889	9.0776
Stddev	.00013	.512	.00024	.00025	.00026	.0267	.00078	.1001
%RSD	27.376	.52190	54.906	157.86	6.9695	1.5061	.15610	1.1023

#1	-.00033	98.455	-.00070	-.00027	.00398	1.7956	.49937	8.9657
#2	-.00058	98.155	-.00042	-.00034	.00359	1.7755	.49799	9.1088
#3	-.00053	97.458	-.00022	.00013	.00349	1.7427	.49931	9.1584

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.00010	178.87	-.00054	.00548	12.838	.00302	.03255
Stddev	.00020	.00029	1.54	.00018	.00047	.036	.00038	.01114
%RSD	39.248	297.20	.86034	33.303	8.5666	.28414	12.670	34.213

#1	-.00068	-.00017	180.37	-.00059	.00586	12.829	.00339	.02918
#2	-.00056	.00040	178.95	-.00034	.00562	12.878	.00305	.02349
#3	-.00029	.00007	177.30	-.00068	.00495	12.807	.00263	.04499

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26361	1.8048	.00237	.00190	.03779	.0283	1.1923	4.5347
Stddev	.02144	.0232	.00030	.00027	.00284	.0010	.0112	.1860
%RSD	8.1327	1.2844	12.708	14.016	7.5078	3.670	.93556	4.1015

#1	.27564	1.8285	.00262	.00218	.03868	.0292	1.2039	4.3848
#2	.27634	1.8038	.00204	.00185	.04007	.0286	1.1914	4.7428
#3	.23886	1.7822	.00246	.00166	.03461	.0272	1.1817	4.4764

Sample Name: K1460-04DLX10 Acquired: 2/15/2019 14:31:34 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7563
Stddev .5745
%RSD 9.9804

#1 5.1284
#2 6.2557
#3 5.8848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.5	34138.	3692.4	15.520	3037.0
Stddev	15.2	33.	41.2	.540	15.3
%RSD	.52329	.09581	1.1161	3.4770	.50217

#1	2904.2	34148.	3656.7	14.946	3035.3
#2	2924.1	34102.	3682.9	16.017	3053.0
#3	2894.3	34165.	3737.5	15.595	3022.6

Sample Name: K1460-04DUPDLX10 Acquired: 2/15/2019 14:35:58 Type: Unk
Method: P4-ICP2(v2866) 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	-.00048	-.00219	.01163	.00157	-.00110	.07229	.11227	.00010
Stddev	.00171	.00101	.00143	.00285	.00129	.01602	.00388	.00009
%RSD	353.99	46.260	12.318	181.22	117.05	22.162	3.4517	92.709

#1	.00069	-.00124	.01014	.00430	-.00090	.05941	.11515	.00020
#2	-.00244	-.00326	.01300	.00180	-.00248	.06724	.11379	.00002
#3	.00031	-.00206	.01175	-.00138	.00008	.09024	.10786	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	95.765	-.00030	-.00016	.00090	1.7264	.47621	8.9231
Stddev	.00008	1.178	.00052	.00018	.00039	.0439	.00078	.0671
%RSD	16.703	1.2301	172.68	114.16	42.850	2.5432	.16462	.75240

#1	-.00042	96.570	-.00075	-.00027	.00056	1.7690	.47632	8.8659
#2	-.00055	96.313	.00027	.00005	.00081	1.7287	.47693	8.9970
#3	-.00041	94.413	-.00042	-.00026	.00132	1.6813	.47537	8.9064

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00050	175.26	-.00074	.00376	12.104	.00294	.02377
Stddev	.00032	.00055	2.58	.00053	.00016	.096	.00017	.00865
%RSD	32.932	108.69	1.4720	71.416	4.3595	.79395	5.8697	36.394

#1	-.00080	-.00104	177.20	-.00110	.00384	12.161	.00283	.03100
#2	-.00076	.00005	176.25	-.00098	.00357	12.158	.00284	.02613
#3	-.00133	-.00051	172.33	-.00013	.00387	11.993	.00314	.01419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28602	1.7623	.00169	.00059	.02880	.0282	1.1623	4.3850
Stddev	.01753	.0412	.00087	.00160	.00249	.0016	.0165	.1196
%RSD	6.1275	2.3355	51.631	270.14	8.6387	5.497	1.4208	2.7273

#1	.26654	1.8077	.00141	.00180	.02645	.0296	1.1743	4.2559
#2	.30052	1.7517	.00267	.00120	.02855	.0284	1.1691	4.4921
#3	.29099	1.7274	.00099	-.00122	.03140	.0266	1.1434	4.4070

Sample Name: K1460-04DUPDLX10 Acquired: 2/15/2019 14:35:58 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1259
 Stddev .7584
 %RSD 12.381

#1 6.8955
 #2 6.1029
 #3 5.3791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2919.9	34882.	3707.8	14.535	3051.0
Stddev	5.7	109.	68.2	1.148	10.0
%RSD	.19485	.31340	1.8385	7.9007	.32855

#1	2914.9	34784.	3657.8	15.850	3048.7
#2	2926.1	34862.	3680.1	14.029	3062.0
#3	2918.6	35000.	3785.5	13.727	3042.3

Sample Name: K1460-04LDLX50 Acquired: 2/15/2019 14:40:20 Type: Unk
Method: P4-ICP2(v2866) 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	-.00106	-.00032	.00450	.00018	.00091	.00367	.01166	.00009
Stddev	.00144	.00114	.00034	.00390	.00167	.00446	.00207	.00002
%RSD	136.34	354.13	7.5740	2192.5	183.42	121.42	17.789	20.994

#1	-.00040	.00062	.00414	-.00421	-.00001	.00853	.01181	.00011
#2	-.00006	-.00159	.00455	.00152	-.00010	-.00023	.01365	.00009
#3	-.00271	.00001	.00482	.00323	.00284	.00271	.00951	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	20.794	-.00009	-.00022	.00026	.38006	.10391	1.9335
Stddev	.00011	.052	.00030	.00007	.00019	.01057	.00020	.0385
%RSD	87.485	.25119	321.53	29.387	75.268	2.7823	.18882	1.9933

#1	-.00016	20.749	-.00041	-.00015	.00021	.38950	.10407	1.9663
#2	-.00021	20.782	-.00005	-.00027	.00047	.38204	.10396	1.9431
#3	-.00000	20.851	.00018	-.00024	.00009	.36863	.10369	1.8910

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00018	37.199	-.00019	.00136	2.7816	.00071	-.00993
Stddev	.00015	.00065	.482	.00023	.00006	.0191	.00030	.00342
%RSD	73.754	354.62	1.2951	123.59	4.6698	.68716	41.856	34.411

#1	-.00014	.00088	37.528	.00001	.00142	2.7811	.00105	-.00605
#2	-.00036	-.00040	37.423	-.00012	.00134	2.8010	.00055	-.01248
#3	-.00009	.00006	36.646	-.00044	.00130	2.7628	.00053	-.01125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05998	.36699	.00145	.00233	.00920	.0064	.25197	2.9858
Stddev	.02242	.00937	.00022	.00197	.00256	.0009	.00147	.2160
%RSD	37.375	2.5541	15.417	84.412	27.852	14.55	.58160	7.2342

#1	.08422	.37470	.00169	.00336	.01212	.0066	.25064	2.9848
#2	.05576	.36972	.00144	.00006	.00732	.0054	.25354	2.7703
#3	.03998	.35656	.00124	.00357	.00817	.0073	.25172	3.2023

Sample Name: K1460-04LDLX50 Acquired: 2/15/2019 14:40:20 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6334
Stddev .4220
%RSD 11.615

#1 3.2169
#2 3.6225
#3 4.0607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.5	36673.	3782.7	14.967	3364.3
Stddev	9.7	17.	68.0	.792	13.9
%RSD	.31563	.04609	1.7977	5.2888	.41183

#1	3074.3	36692.	3728.2	14.089	3348.3
#2	3090.6	36661.	3760.9	15.185	3372.7
#3	3091.7	36665.	3858.9	15.626	3372.0

Sample Name: K1460-05DLX10 Acquired: 2/15/2019 14:44:44 Type: Unk
Method: P4-ICP2(v2866) 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	.07752	.19260	.10618	.20508	.07898	.33389	.13615	.02093	.01932
Stddev	.00417	.00207	.00129	.00368	.00200	.00689	.00648	.00007	.00011
%RSD	5.3762	1.0761	1.2134	1.7943	2.5337	2.0638	4.7577	.34499	.56770
#1	.08115	.19412	.10681	.20911	.08129	.33109	.12971	.02088	.01943
#2	.07843	.19344	.10469	.20191	.07772	.34174	.14266	.02102	.01922
#3	.07297	.19024	.10702	.20420	.07794	.32884	.13609	.02091	.01930
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	99.900	.03933	.01973	.03041	2.1108	.52026	9.5500	.04797	.00698
Stddev	1.285	.00048	.00005	.00013	.0246	.00061	.1474	.00075	.00017
%RSD	1.2863	1.2141	.24993	.43604	1.1656	.11657	1.5436	1.5670	2.4248
#1	98.429	.03948	.01974	.03026	2.0878	.52039	9.3917	.04757	.00683
#2	100.80	.03972	.01968	.03047	2.1367	.51959	9.5749	.04750	.00696
#3	100.47	.03880	.01977	.03051	2.1078	.52078	9.6834	.04883	.00716
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	182.93	.03047	.02407	13.352	.04443	.06239	.29695	2.0437	.07161
Stddev	1.68	.00052	.00023	.017	.00060	.00153	.02252	.0167	.00123
%RSD	.91618	1.6970	.96206	.12499	1.3430	2.4452	7.5846	.81645	1.7208
#1	181.05	.03074	.02422	13.348	.04493	.06065	.27270	2.0321	.07280
#2	184.28	.03078	.02380	13.338	.04377	.06303	.31721	2.0628	.07169
#3	183.45	.02987	.02419	13.370	.04459	.06349	.30093	2.0362	.07034
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.02128	.04142	.6374	1.2262	4.8402	5.6701			
Stddev	.00185	.00305	.0043	.0114	.0868	.6309			
%RSD	8.6723	7.3719	.6821	.92757	1.7943	11.127			
#1	.02192	.04192	.6416	1.2135	4.7870	5.1000			
#2	.02272	.03815	.6329	1.2354	4.7931	5.5622			
#3	.01920	.04420	.6375	1.2296	4.9404	6.3480			

Sample Name: K1460-05DLX10 Acquired: 2/15/2019 14:44:44 Type: Unk
Method: P4-ICP2(v2866) 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	2913.1	34270.	3682.3	15.708	3032.4
Stddev	27.0	17.	31.2	.699	26.4
%RSD	.92753	.05042	.84831	4.4485	.86986
#1	2890.1	34258.	3716.2	16.437	3011.7
#2	2942.8	34290.	3654.7	15.043	3062.1
#3	2906.2	34262.	3676.0	15.645	3023.5

Sample Name: K1460-06DLX10 Acquired: 2/15/2019 14:49:06 Type: Unk
Method: P4-ICP2(v2866) 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	.08217	.20269	.11295	.21073	.08221	.29343	.14821	.02166	.02028
Stddev	.00193	.00100	.00086	.00446	.00163	.01383	.00148	.00018	.00013
%RSD	2.3529	.49376	.75915	2.1180	1.9837	4.7122	1.0015	.83794	.63882
#1	.08043	.20351	.11238	.21208	.08039	.27915	.14963	.02148	.02020
#2	.08425	.20300	.11394	.21437	.08355	.29437	.14832	.02166	.02043
#3	.08185	.20158	.11253	.20575	.08268	.30675	.14666	.02184	.02020
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.80	.04115	.02067	.03232	2.1940	.54067	9.9243	.05064	.00761
Stddev	.78	.00025	.00021	.00054	.0098	.00096	.0461	.00062	.00019
%RSD	.74172	.61705	.99478	1.6841	.44852	.17773	.46455	1.2267	2.5271
#1	104.58	.04142	.02090	.03190	2.2031	.54028	9.8828	.05001	.00757
#2	105.66	.04092	.02060	.03294	2.1954	.53996	9.9161	.05125	.00744
#3	104.15	.04110	.02051	.03213	2.1835	.54176	9.9739	.05066	.00782
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	191.75	.03127	.02479	13.983	.04687	.05782	.27677	2.0492	.07596
Stddev	1.33	.00014	.00013	.086	.00021	.00641	.03909	.0080	.00063
%RSD	.69130	.43649	.52144	.61817	.45655	11.082	14.122	.39251	.82998
#1	192.15	.03112	.02466	14.083	.04676	.06459	.25655	2.0582	.07523
#2	192.82	.03139	.02479	13.934	.04674	.05185	.25194	2.0464	.07631
#3	190.27	.03131	.02492	13.933	.04712	.05701	.32183	2.0429	.07633
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.02110	.04767	.6733	1.2891	5.0046	5.6173			
Stddev	.00057	.00242	.0049	.0068	.2730	1.3519			
%RSD	2.6844	5.0776	.7322	.52638	5.4541	24.067			
#1	.02065	.04506	.6732	1.2926	5.0280	4.0956			
#2	.02173	.04813	.6782	1.2934	5.2652	6.6798			
#3	.02090	.04983	.6684	1.2813	4.7208	6.0766			

Sample Name: K1460-06DLX10 Acquired: 2/15/2019 14:49:06 Type: Unk
Method: P4-ICP2(v2866) 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	2885.1	34134.	3634.6	14.555	3001.2
Stddev	10.7	46.	41.5	1.296	8.5
%RSD	.36992	.13549	1.1419	8.9049	.28221
#1	2887.0	34106.	3602.9	13.096	2999.9
#2	2894.7	34188.	3619.3	15.572	3010.2
#3	2873.6	34109.	3681.6	14.998	2993.4

Sample Name: K1460-04ADLX10 Acquired: 2/15/2019 14:53:29 Type: Unk
Method: P4-ICP2(v2866) 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	.08077	.20301	.11049	.21090	.08154	.28026	.14346	.02158	.02013
Stddev	.00178	.00056	.00064	.00330	.00191	.00865	.00159	.00032	.00016
%RSD	2.1994	.27424	.57509	1.5660	2.3390	3.0852	1.1067	1.4615	.81370
#1	.08235	.20247	.10997	.20856	.08194	.29018	.14273	.02122	.02006
#2	.07885	.20359	.11120	.21468	.08321	.27438	.14238	.02178	.02032
#3	.08111	.20298	.11031	.20946	.07946	.27621	.14529	.02175	.02002
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.46	.04086	.02047	.03154	2.1782	.53625	9.8566	.05050	.00724
Stddev	.63	.00050	.00007	.00079	.0127	.00166	.0668	.00041	.00024
%RSD	.61183	1.2134	.34723	2.4950	.58066	.30948	.67792	.81403	3.2707
#1	104.17	.04123	.02051	.03155	2.1797	.53724	9.8149	.05098	.00748
#2	102.95	.04104	.02050	.03233	2.1901	.53434	9.9336	.05024	.00701
#3	103.27	.04029	.02039	.03075	2.1649	.53719	9.8212	.05029	.00723
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	189.24	.03103	.02360	13.807	.04665	.05699	.31492	2.0190	.07591
Stddev	1.60	.00021	.00012	.055	.00030	.00230	.04101	.0068	.00034
%RSD	.84653	.66978	.52456	.40085	.64158	4.0398	13.022	.33795	.44553
#1	191.02	.03120	.02353	13.851	.04634	.05800	.35690	2.0250	.07596
#2	187.92	.03080	.02375	13.826	.04668	.05435	.27496	2.0116	.07623
#3	188.77	.03108	.02353	13.745	.04693	.05861	.31290	2.0203	.07556
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.02172	.04573	.6658	1.2712	4.7688	6.2543			
Stddev	.00150	.00106	.0039	.0097	.2261	.2036			
%RSD	6.8896	2.3149	.5828	.76143	4.7413	3.2545			
#1	.02028	.04613	.6664	1.2822	5.0221	6.4886			
#2	.02160	.04453	.6693	1.2637	4.5874	6.1206			
#3	.02327	.04653	.6616	1.2679	4.6970	6.1538			

Sample Name: K1460-04ADLX10 Acquired: 2/15/2019 14:53:29 Type: Unk
Method: P4-ICP2(v2866) 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	2896.0	34340.	3663.3	14.707	3008.3
Stddev	13.1	84.	32.1	.380	16.0
%RSD	.45108	.24378	.87507	2.5855	.53116
#1	2893.9	34256.	3626.4	14.735	3004.5
#2	2884.2	34423.	3684.4	15.072	2994.6
#3	2910.0	34342.	3679.0	14.313	3025.9

Sample Name: K1448-02 Acquired: 2/15/2019 14:57:51 Type: Unk
Method: P4-ICP2(v2866) 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	-.00285	-.00094	.00027	.00358	-.00085	.00309	.11628
Stddev	.00247	.00236	.00048	.00305	.00096	.00725	.00347
%RSD	86.467	249.82	180.81	85.107	112.17	234.67	2.9849

#1	-.00004	.00168	.00083	.00524	.00019	-.00364	.11533
#2	-.00386	-.00289	-.00002	.00544	-.00169	.01077	.11338
#3	-.00466	-.00162	-.00001	.00006	-.00105	.00214	.12012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00080	33.905	-.00062	-.00010	.00035	9.0013
Stddev	.00004	.00006	.155	.00035	.00037	.00045	.0517
%RSD	18.496	7.2238	.45725	56.486	357.50	126.85	.57477

#1	.00027	-.00080	33.736	-.00071	.00016	-.00005	9.0197
#2	.00020	-.00074	33.939	-.00092	.00005	.00027	8.9428
#3	.00020	-.00085	34.040	-.00023	-.00052	.00083	9.0413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63202	5.2417	-.00186	-.00062	432.26	-.00118	.05985
Stddev	.00775	.0288	.00017	.00007	3.41	.00009	.00034
%RSD	1.2267	.54859	9.0120	11.965	.78773	7.7771	.56822

#1	.62712	5.2107	-.00184	-.00069	432.14	-.00107	.05948
#2	.62799	5.2471	-.00203	-.00063	428.92	-.00123	.06014
#3	.64096	5.2674	-.00169	-.00054	435.73	-.00124	.05992

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0145	-.00017	.03311	2.5338	.15118	.00129	-.00288
Stddev	.0631	.00022	.00593	.0073	.00516	.00117	.00095
%RSD	3.1320	132.29	17.907	.28765	3.4143	90.574	32.876

#1	1.9437	-.00018	.03867	2.5415	.15702	.00264	-.00305
#2	2.0348	.00006	.03379	2.5270	.14725	.00059	-.00373
#3	2.0649	-.00039	.02687	2.5328	.14926	.00064	-.00186

Sample Name: K1448-02 Acquired: 2/15/2019 14:57:51 Type: Unk
 Method: P4-ICP2(v2866) 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	.01290	.0028	.14550	5.3754	F<.00000
Stddev	.00117	.0008	.00035	.0998	.61320
%RSD	9.0976	27.67	.23881	1.8569	52.275

#1	.01160	.0024	.14510	5.4849	-.54905
#2	.01387	.0036	.14564	5.2896	-1.7749
#3	.01324	.0023	.14575	5.3516	-1.1952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.2	34039.	3744.6	14.783	3004.1
Stddev	4.8	274.	14.1	.972	6.1
%RSD	.16588	.80467	.37764	6.5783	.20278

#1	2904.6	34196.	3736.0	15.525	2997.1
#2	2912.7	34200.	3760.9	15.141	3008.4
#3	2913.2	33723.	3736.9	13.682	3006.8

Sample Name: K1448-03 Acquired: 2/15/2019 15:02:24 Type: Unk
Method: P4-ICP2(v2866) 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	-.00462	-.00137	-.00071	.00284	.00159	.00283	.06862	-.00012
Stddev	.00188	.00178	.00048	.00130	.00031	.00871	.00178	.00005
%RSD	40.823	129.79	68.119	45.680	19.612	307.66	2.5993	41.390

#1	-.00303	-.00272	-.00076	.00248	.00191	.00421	.06681	-.00009
#2	-.00412	-.00203	-.00021	.00427	.00129	-.00648	.07038	-.00009
#3	-.00670	.00064	-.00117	.00176	.00158	.01077	.06867	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	1.7128	.00159	-.00013	.00011	.17750	.03096	.14562
Stddev	.00004	.0255	.00026	.00009	.00049	.00501	.00052	.04208
%RSD	159.20	1.4873	16.223	64.856	459.36	2.8216	1.6640	28.897

#1	-.00003	1.7281	.00171	-.00012	.00046	.18288	.03150	.16201
#2	.00002	1.7269	.00176	-.00006	.00032	.17297	.03091	.09781
#3	-.00006	1.6834	.00129	-.00023	-.00046	.17664	.03047	.17704

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00024	24.860	-.00051	.02203	1.8525	.00026	-.00295
Stddev	.00022	.00036	.132	.00015	.00005	.0571	.00021	.00703
%RSD	18.280	150.53	.53062	30.020	.22237	3.0833	81.395	238.66

#1	.00107	.00017	24.967	-.00051	.02205	1.9114	.00019	.00512
#2	.00148	-.00040	24.712	-.00067	.02208	1.8489	.00051	-.00775
#3	.00111	-.00048	24.900	-.00036	.02198	1.7973	.00010	-.00621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23323	.03118	.00029	.00094	.00787	.0005	.00956	2.4941
Stddev	.02148	.03078	.00047	.00145	.00225	.0009	.00014	.4068
%RSD	9.2081	98.710	161.48	153.75	28.618	205.9	1.4363	16.310

#1	.22279	.01380	.00064	.00258	.00837	.0003	.00946	2.0389
#2	.21898	.01302	-.00025	.00045	.00984	-.0004	.00949	2.6213
#3	.25794	.06673	.00048	-.00020	.00541	.0015	.00971	2.8221

Sample Name: K1448-03 Acquired: 2/15/2019 15:02:24 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .75569
 Stddev .33991
 %RSD 44.980

#1 .91663
 #2 .36520
 #3 .98523

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.5	37635.	3792.9	14.693	3439.8
Stddev	8.3	22.	38.3	1.153	8.5
%RSD	.26942	.05906	1.0097	7.8474	.24576

#1	3095.7	37637.	3753.9	13.493	3449.1
#2	3100.6	37612.	3830.4	14.792	3437.7
#3	3084.3	37656.	3794.3	15.793	3432.6

Sample Name: CCV02 Acquired: 2/15/2019 15:06:50 Type: Unk
Method: P4-ICP2(v2866) 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	4.9688	4.9818	4.9937	4.9857	4.9800	9.7137	9.9061	.25310
Stddev	.0310	.0208	.0245	.0272	.0203	.1132	.0971	.00049
%RSD	.62472	.41814	.49080	.54616	.40678	1.1650	.97991	.19479
#1	4.9939	4.9873	5.0093	5.0111	4.9883	9.6331	9.9170	.25326
#2	4.9341	4.9587	4.9655	4.9570	4.9570	9.8431	9.8040	.25255
#3	4.9783	4.9993	5.0065	4.9889	4.9949	9.6650	9.9972	.25350
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5032	25.118	1.0008	2.5043	1.2518	5.1130	2.4592	24.987
Stddev	.0135	.115	.0003	.0141	.0046	.0713	.0067	.304
%RSD	.54049	.45608	.02751	.56386	.37079	1.3944	.27197	1.2176
#1	2.5110	25.120	1.0006	2.5112	1.2549	5.1559	2.4530	24.756
#2	2.4876	25.002	1.0011	2.4881	1.2465	5.0307	2.4663	24.873
#3	2.5110	25.231	1.0006	2.5137	1.2540	5.1523	2.4583	25.332
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4920	1.2427	24.922	2.5046	2.4979	24.318	5.0822	4.8218
Stddev	.0150	.0012	.273	.0064	.0134	.225	.0203	.0141
%RSD	.60411	.10004	1.0973	.25524	.53810	.92620	.39864	.29195
#1	2.5002	1.2434	24.914	2.5096	2.5070	24.455	5.0943	4.8071
#2	2.4746	1.2435	24.653	2.5067	2.4825	24.058	5.0589	4.8351
#3	2.5012	1.2413	25.200	2.4974	2.5043	24.442	5.0936	4.8232
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8883	4.8295	4.9439	5.0261	4.9201	4.950	5.0421	F 4.1947
Stddev	.0087	.0572	.0250	.0147	.0422	.022	.0435	.2591
%RSD	.17876	1.1849	.50488	.29174	.85677	.4531	.86349	6.1773
#1	4.8799	4.8463	4.9611	5.0097	4.9330	4.975	5.0455	4.4862
#2	4.8973	4.7658	4.9152	5.0307	4.8731	4.941	4.9970	3.9904
#3	4.8876	4.8765	4.9552	5.0379	4.9544	4.933	5.0839	4.1075

Sample Name: CCV02 Acquired: 2/15/2019 15:06:50 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6375
Stddev	.8217
%RSD	22.589

#1	2.9911
#2	3.3591
#3	4.5621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.2	35872.	3716.2	13.359	3126.7
Stddev	12.0	62.	45.6	1.015	15.5
%RSD	.39971	.17288	1.2280	7.5983	.49455

#1	2994.0	35872.	3693.2	12.188	3117.2
#2	3017.4	35810.	3768.8	13.908	3144.6
#3	3001.2	35934.	3686.6	13.983	3118.4

Sample Name: CCB02 Acquired: 2/15/2019 15:10:49 Type: Unk
Method: P4-ICP2(v2866) 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	-.00106	.00266	.00000	.00288	.00117	-.01707	-.01481	.00004
Stddev	.00306	.00206	.00102	.00212	.00031	.01242	.00019	.00003
%RSD	288.75	77.225	44459.	73.670	26.456	72.747	1.2890	71.003
#1	.00204	.00241	-.00117	.00513	.00138	-.00375	-.01461	.00005
#2	-.00407	.00483	.00053	.00093	.00131	-.02832	-.01499	.00007
#3	-.00115	.00074	.00065	.00257	.00081	-.01912	-.01483	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01075	.00031	-.00003	.00014	.00007	.00000	.05315
Stddev	.00003	.01253	.00028	.00026	.00027	.00147	.00005	.04640
%RSD	94.025	116.49	91.824	815.12	197.90	1994.4	1387.1	87.314
#1	.00000	-.00661	.00002	-.00022	-.00006	.00082	-.00003	.05679
#2	-.00006	-.02483	.00032	-.00015	.00002	.00102	-.00002	.00503
#3	-.00005	-.00082	.00058	.00027	.00045	-.00162	.00006	.09762
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00009	.19651	-.00046	-.00001	.20421	.00020	-.01164
Stddev	.00028	.00038	.01314	.00056	.00006	.05012	.00034	.00977
%RSD	45.614	446.04	6.6886	120.35	908.63	24.544	165.90	83.961
#1	.00029	.00011	.20671	-.00044	.00006	.24515	.00037	-.00232
#2	.00080	-.00031	.20114	.00008	-.00005	.14831	.00042	-.02181
#3	.00075	.00045	.18168	-.00103	-.00002	.21918	-.00018	-.01079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02862	-.01229	.00024	-.00055	.00464	.0001	.00015	F 2.9311
Stddev	.01646	.00174	.00069	.00157	.00237	.0008	.00003	.0882
%RSD	57.515	14.150	290.21	286.61	50.950	829.1	20.024	3.0091
#1	.00991	-.01340	-.00030	.00085	.00191	.0010	.00013	3.0306
#2	.04089	-.01319	.00102	-.00024	.00611	-.0005	.00015	2.9002
#3	.03505	-.01029	.00000	-.00224	.00590	-.0003	.00019	2.8625

Sample Name: CCB02 Acquired: 2/15/2019 15:10:49 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .62187
Stddev .93626
%RSD 150.55

#1 1.6525
#2 .38942
#3 -.17626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.4	37411.	3718.7	14.451	3468.1
Stddev	8.0	43.	38.4	1.724	5.8
%RSD	.25794	.11562	1.0321	11.930	.16761

#1	3093.2	37448.	3744.2	12.691	3465.7
#2	3090.4	37364.	3674.6	14.525	3463.8
#3	3105.5	37422.	3737.4	16.136	3474.7

Sample Name: K1448-04 Acquired: 2/15/2019 15:15:16 Type: Unk
Method: P4-ICP2(v2866) 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	-.00367	-.00130	-.00209	.00647	-.00201	-.00190	.23442
Stddev	.00129	.00138	.00086	.00170	.00055	.00727	.00489
%RSD	35.179	105.68	41.452	26.208	27.311	382.34	2.0857

#1	-.00512	-.00236	-.00285	.00579	-.00147	.00241	.23866
#2	-.00263	-.00181	-.00115	.00841	-.00257	-.01030	.22907
#3	-.00328	.00026	-.00226	.00522	-.00199	.00219	.23553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00165	63.969	-.00250	-.00035	.00049	23.157
Stddev	.00001	.00006	.296	.00033	.00011	.00048	.154
%RSD	2.6432	3.8416	.46249	13.288	32.784	97.379	.66395

#1	.00052	-.00171	64.232	-.00216	-.00026	.00079	23.306
#2	.00050	-.00164	63.649	-.00282	-.00030	-.00006	22.999
#3	.00049	-.00159	64.027	-.00252	-.00048	.00074	23.166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0514	9.1520	-.00362	-.00131	297.57	-.00390	.04981
Stddev	.0046	.0527	.00012	.00062	1.46	.00017	.00017
%RSD	.22489	.57617	3.3648	47.170	.49000	4.3674	.34705

#1	2.0566	9.1372	-.00356	-.00185	296.08	-.00383	.04964
#2	2.0500	9.1082	-.00354	-.00064	297.63	-.00377	.04981
#3	2.0477	9.2105	-.00376	-.00145	299.00	-.00409	.04998

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4419	.00000	.12892	.69434	.86652	.00173	-.00252
Stddev	.0384	.00003	.00751	.01710	.00821	.00047	.00185
%RSD	1.5730	990.82	5.8235	2.4634	.94779	27.491	73.694

#1	2.4136	.00002	.12713	.70477	.87270	.00193	-.00041
#2	2.4856	-.00003	.12247	.70364	.85720	.00206	-.00392
#3	2.4265	.00001	.13716	.67460	.86967	.00118	-.00321

Sample Name: K1448-04 Acquired: 2/15/2019 15:15:16 Type: Unk
 Method: P4-ICP2(v2866) 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	.01404	.0046	.27207	5.5377	F<.00000
Stddev	.00366	.0001	.00331	.1724	.53596
%RSD	26.099	2.968	1.2172	3.1132	3.3872
#1	.01000	.0045	.27581	5.6614	-16.119
#2	.01496	.0046	.26949	5.6109	-16.146
#3	.01715	.0048	.27093	5.3408	-15.204
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.3	34222.	3692.0	13.996	2974.5
Stddev	10.3	130.	27.1	.801	13.7
%RSD	.36105	.37866	.73406	5.7248	.45893
#1	2865.9	34109.	3661.2	13.365	2989.6
#2	2860.3	34194.	3712.2	13.726	2970.6
#3	2845.9	34364.	3702.7	14.897	2963.2

Sample Name: K1495-01 Acquired: 2/15/2019 15:19:48 Type: Unk
Method: P4-ICP2(v2866) 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	-.00171	-.00289	.01254	.00378	-.00167	.04305	.15877	.00010
Stddev	.00344	.00121	.00115	.00335	.00161	.01284	.00281	.00006
%RSD	201.63	41.897	9.1519	88.587	96.406	29.825	1.7693	58.909
#1	-.00052	-.00218	.01318	.00520	-.00315	.05305	.15737	.00017
#2	-.00558	-.00428	.01322	-.00005	-.00189	.04753	.15695	.00006
#3	.00098	-.00220	.01121	.00618	.00004	.02857	.16201	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	243.35	-.00070	-.00035	.00166	.00204	.00051	69.718
Stddev	.00007	.29	.00050	.00033	.00048	.00114	.00004	.236
%RSD	11.154	.11772	70.733	93.152	29.022	56.023	7.2880	.33828
#1	-.00068	243.51	-.00052	-.00039	.00203	.00290	.00052	69.450
#2	-.00055	243.51	-.00033	-.00001	.00184	.00249	.00047	69.896
#3	-.00064	243.02	-.00127	-.00067	.00111	.00074	.00055	69.807
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00024	1273.8	.00257	.09348	25.126	.02063	.20915
Stddev	.00038	.00033	28.2	.00032	.00049	.151	.00010	.00574
%RSD	18.647	134.93	2.2104	12.489	.52042	.60273	.48464	2.7467
#1	-.00243	-.00039	1298.1	.00245	.09311	24.969	.02053	.20685
#2	-.00167	.00013	1280.3	.00233	.09330	25.138	.02064	.20491
#3	-.00202	-.00047	1243.0	.00293	.09403	25.271	.02072	.21569
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 113.42	6.8216	-.03846	-.00994	.10065	.0064	1.3711	7.2925
Stddev	.32	.0067	.00142	.00135	.00080	.0012	.0025	.3565
%RSD	.28056	.09888	3.6822	13.600	.79774	19.43	.18017	4.8892
#1	113.24	6.8140	-.03951	-.00928	.10044	.0053	1.3734	6.8986
#2	113.22	6.8270	-.03685	-.00904	.09996	.0062	1.3715	7.5932
#3	113.78	6.8237	-.03902	-.01149	.10153	.0077	1.3685	7.3857

Sample Name: K1495-01 Acquired: 2/15/2019 15:19:48 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.992
Stddev	.645
%RSD	4.3051

#1	14.998
#2	14.343
#3	15.634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.1	31081.	3612.1	14.194	2648.7
Stddev	11.8	108.	4.6	.683	12.0
%RSD	.44098	.34867	.12862	4.8119	.45433

#1	2662.4	31169.	3615.4	14.200	2644.2
#2	2679.3	31113.	3606.8	14.875	2662.3
#3	2656.6	30960.	3614.1	13.509	2639.5

Sample Name: K1460-01 Acquired: 2/15/2019 15:24:19 Type: Unk
Method: P4-ICP2(v2866) 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	-.00071	.00006	.02294	.00521	.00237	.26582	.05120	.00004
Stddev	.00150	.00107	.00066	.00135	.00138	.00389	.00476	.00008
%RSD	212.77	1779.3	2.8933	25.910	58.198	1.4623	9.3009	188.88

#1	.00071	-.00115	.02222	.00400	.00317	.26977	.04692	-.00004
#2	-.00054	.00087	.02354	.00666	.00316	.26199	.05035	.00011
#3	-.00228	.00047	.02305	.00496	.00078	.26570	.05633	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	35.294	.01085	.00151	.07574	1.3270	.04926	6.8199
Stddev	.00015	.404	.00052	.00003	.00058	.0150	.00019	.0877
%RSD	29.221	1.1460	4.7613	2.1001	.77051	1.1263	.38586	1.2866

#1	.00069	34.838	.01144	.00147	.07514	1.3098	.04948	6.7290
#2	.00042	35.432	.01057	.00154	.07631	1.3338	.04916	6.8265
#3	.00045	35.611	.01053	.00151	.07576	1.3373	.04913	6.9041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00683	.00013	95.218	.00104	.58017	5.2724	.00492	.03556
Stddev	.00023	.00044	1.155	.00028	.00461	.1434	.00022	.00443
%RSD	3.3372	326.22	1.2135	27.186	.79482	2.7191	4.4423	12.453

#1	.00677	-.00035	93.925	.00131	.57508	5.4074	.00503	.03666
#2	.00709	.00049	96.149	.00075	.58407	5.2878	.00506	.03068
#3	.00665	.00026	95.579	.00107	.58135	5.1220	.00467	.03933

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3655	4.5262	.00131	.01473	.02224	6.607	.31602	4.4124
Stddev	.1008	.0600	.00031	.00199	.00059	.053	.00256	.2230
%RSD	1.3684	1.3248	23.389	13.485	2.6456	.7990	.80959	5.0531

#1	7.2529	4.4577	.00164	.01335	.02201	6.548	.31335	4.5505
#2	7.3963	4.5692	.00125	.01700	.02291	6.649	.31845	4.5317
#3	7.4473	4.5517	.00103	.01383	.02180	6.625	.31626	4.1552

Sample Name: K1460-01 Acquired: 2/15/2019 15:24:19 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3428
 Stddev .6766
 %RSD 20.242

#1 3.8827
 #2 3.5620
 #3 2.5837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.8	35016.	3695.3	14.825	3149.7
Stddev	16.4	159.	39.3	.578	15.0
%RSD	.56674	.45339	1.0643	3.8982	.47699

#1	2900.8	34899.	3740.4	14.475	3163.7
#2	2869.4	34952.	3667.8	15.492	3133.8
#3	2893.1	35197.	3677.8	14.508	3151.6

Sample Name: K1460-09 Acquired: 2/15/2019 15:28:40 Type: Unk
Method: P4-ICP2(v2866) 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	-.00361	-.00142	-.00058	.00056	.00260	.00176	-.00527	-.00009
Stddev	.00445	.00046	.00059	.00168	.00145	.01178	.00301	.00006
%RSD	123.29	32.772	101.36	302.79	55.578	667.87	57.143	73.607

#1	-.00308	-.00189	-.00021	.00249	.00391	.01071	-.00677	-.00005
#2	-.00829	-.00139	-.00027	-.00025	.00105	.00615	-.00180	-.00016
#3	.00055	-.00097	-.00126	-.00057	.00284	-.01158	-.00725	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	4.1266	.00188	-.00014	.00711	.08738	.00526	.83323
Stddev	.00005	.0996	.00016	.00008	.00021	.00288	.00000	.02750
%RSD	67.556	2.4144	8.6728	57.033	2.9143	3.2960	.03223	3.3006

#1	-.00007	4.0125	.00182	-.00013	.00692	.08406	.00526	.80376
#2	-.00003	4.1710	.00206	-.00023	.00733	.08898	.00526	.85821
#3	-.00014	4.1963	.00175	-.00007	.00706	.08911	.00526	.83773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.00011	12.029	-.00065	.06110	.83882	.00067	-.00107
Stddev	.00043	.00039	.227	.00044	.00016	.03286	.00032	.00301
%RSD	27.613	364.21	1.8864	67.816	.26104	3.9180	47.579	281.03

#1	.00107	-.00041	11.782	-.00091	.06121	.86977	.00032	-.00300
#2	.00187	-.00026	12.229	-.00089	.06091	.80433	.00074	-.00261
#3	.00177	.00034	12.076	-.00014	.06117	.84237	.00095	.00240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0038	.52112	.00017	.00157	.00500	.7031	.03615	2.5643
Stddev	.0081	.01073	.00040	.00179	.00084	.0025	.00080	.5245
%RSD	.80786	2.0582	230.48	113.67	16.840	.3517	2.2080	20.453

#1	.99683	.52188	-.00028	-.00031	.00576	.7008	.03529	3.1244
#2	1.0019	.53144	.00037	.00324	.00514	.7030	.03687	2.0847
#3	1.0127	.51003	.00043	.00179	.00410	.7057	.03629	2.4836

Sample Name: K1460-09 Acquired: 2/15/2019 15:28:40 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .85589
Stddev .52026
%RSD 60.786

#1 .32410
#2 .87978
#3 1.3638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3063.1	37014.	3791.5	15.072	3457.0
Stddev	12.9	222.	42.2	1.195	12.8
%RSD	.42057	.59852	1.1128	7.9267	.37041

#1	3048.3	36770.	3831.9	15.952	3442.7
#2	3069.1	37067.	3747.7	15.552	3461.0
#3	3071.9	37203.	3794.9	13.712	3467.4

Sample Name: K1448-02DUP Acquired: 2/15/2019 15:33:03 Type: Unk
Method: P4-ICP2(v2866) 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	-.00201	-.00138	.00206	.00547	-.00023	.01502	.11602
Stddev	.00132	.00135	.00066	.00107	.00106	.01059	.00137
%RSD	65.790	97.418	32.056	19.589	464.28	70.482	1.1832

#1	-.00057	-.00129	.00146	.00593	-.00138	.00381	.11610
#2	-.00316	-.00009	.00276	.00424	.00069	.01642	.11736
#3	-.00230	-.00277	.00195	.00623	.00001	.02484	.11461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00077	34.518	-.00076	-.00026	.00026	9.0891
Stddev	.00006	.00005	.048	.00017	.00018	.00018	.0636
%RSD	29.655	6.1195	.14029	21.709	69.005	69.281	.70014

#1	.00015	-.00081	34.480	-.00093	-.00006	.00008	9.1608
#2	.00018	-.00079	34.572	-.00060	-.00029	.00026	9.0669
#3	.00026	-.00072	34.501	-.00076	-.00041	.00044	9.0395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64207	5.3816	-.00174	-.00050	435.43	-.00129	.06303
Stddev	.00132	.0597	.00013	.00042	4.66	.00008	.00022
%RSD	.20488	1.1098	7.3132	83.459	1.0702	5.9379	.35625

#1	.64168	5.3975	-.00164	-.00022	440.80	-.00122	.06308
#2	.64099	5.3155	-.00169	-.00030	433.01	-.00128	.06322
#3	.64354	5.4318	-.00188	-.00098	432.49	-.00137	.06278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9259	-.00009	.02739	2.6454	.15145	.00184	-.00043
Stddev	.0367	.00048	.00945	.0101	.00225	.00016	.00249
%RSD	1.9057	555.33	34.501	.38250	1.4839	8.4462	575.09

#1	1.9050	.00022	.01682	2.6566	.15391	.00166	.00094
#2	1.9683	-.00063	.03032	2.6369	.15093	.00188	-.00331
#3	1.9044	.00016	.03503	2.6427	.14951	.00196	.00106

Sample Name: K1448-02DUP Acquired: 2/15/2019 15:33:03 Type: Unk
Method: P4-ICP2(v2866) 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	.01159	.0058	.14907	5.1213	F<.00000
Stddev	.00082	.0011	.00043	.2683	.83633
%RSD	7.1053	18.00	.28891	5.2393	53.864

#1	.01248	.0056	.14885	4.9250	-2.3126
#2	.01142	.0070	.14957	5.0117	-.65666
#3	.01087	.0049	.14880	5.4270	-1.6888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.3	33578.	3701.3	15.721	2941.8
Stddev	7.8	69.	24.1	1.842	8.1
%RSD	.27654	.20405	.65013	11.717	.27592

#1	2830.5	33626.	3673.9	17.845	2934.7
#2	2831.0	33608.	3711.4	14.564	2939.9
#3	2844.3	33499.	3718.7	14.755	2950.7

Sample Name: K1448-02LX5 Acquired: 2/15/2019 15:37:33 Type: Unk
Method: P4-ICP2(v2866) 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	-.00218	-.00131	.00036	.00078	.00032	.00157	.01066	.00012
Stddev	.00153	.00109	.00040	.00314	.00170	.01280	.00137	.00011
%RSD	70.145	82.901	111.39	404.54	530.96	816.66	12.846	86.978

#1	-.00049	-.00007	.00040	.00348	.00153	-.01034	.00908	.00024
#2	-.00348	-.00211	.00074	.00151	-.00162	.01510	.01147	.00008
#3	-.00257	-.00175	-.00006	-.00266	.00106	-.00006	.01143	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	7.0539	.00000	.00011	.00023	1.9825	.13443	1.1249
Stddev	.00005	.0211	.00034	.00037	.00039	.0123	.00043	.0492
%RSD	28.027	.29898	9126.6	355.54	169.12	.62138	.31736	4.3720

#1	-.00016	7.0457	.00000	-.00021	-.00021	1.9908	.13410	1.1308
#2	-.00025	7.0381	.00034	-.00000	.00037	1.9683	.13492	1.0730
#3	-.00016	7.0778	-.00033	.00052	.00053	1.9882	.13429	1.1708

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00018	92.264	-.00050	.01412	.62529	.00004	-.00363
Stddev	.00009	.00041	.402	.00046	.00008	.01655	.00010	.00446
%RSD	19.226	226.84	.43526	92.519	.55990	2.6468	221.47	122.82

#1	-.00056	-.00019	92.190	-.00010	.01404	.63969	.00005	.00117
#2	-.00049	.00024	91.904	-.00039	.01413	.60721	.00014	-.00764
#3	-.00038	-.00059	92.697	-.00101	.01419	.62897	-.00005	-.00443

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52339	.02429	.00111	-.00087	.00740	.0016	.03032	3.6972
Stddev	.01809	.00229	.00020	.00206	.00230	.0015	.00015	.0790
%RSD	3.4557	9.4120	17.872	237.86	31.126	94.52	.49955	2.1356

#1	.51173	.02194	.00134	.00086	.00487	-.0000	.03047	3.7705
#2	.54422	.02650	.00101	-.00031	.00794	.0018	.03017	3.7076
#3	.51421	.02444	.00099	-.00315	.00938	.0030	.03034	3.6136

Sample Name: K1448-02LX5 Acquired: 2/15/2019 15:37:33 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2056
Stddev	.8363
%RSD	69.372

#1	.92292
#2	2.1466
#3	.54720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.7	35353.	3721.8	15.744	3217.8
Stddev	16.5	59.	19.1	.577	13.8
%RSD	.55159	.16703	.51261	3.6669	.42831

#1	2981.7	35332.	3701.0	15.291	3204.8
#2	2994.0	35308.	3738.6	15.547	3216.2
#3	3014.5	35420.	3725.8	16.394	3232.3

Sample Name: K1448-02MS Acquired: 2/15/2019 15:41:57 Type: Unk
Method: P4-ICP2(v2866) 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	.80953	1.8996	.97343	2.0244	.80569	2.0553	.35395
Stddev	.00425	.0040	.00288	.0050	.00151	.0240	.00423
%RSD	.52521	.21222	.29599	.24431	.18735	1.1690	1.1948

#1	.81391	1.8949	.97020	2.0276	.80741	2.0294	.35066
#2	.80927	1.9022	.97439	2.0187	.80507	2.0595	.35872
#3	.80542	1.9016	.97572	2.0270	.80459	2.0769	.35247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20859	.19887	44.361	.40231	.20109	.29767	14.175
Stddev	.00053	.00018	.227	.00163	.00020	.00116	.117
%RSD	.25397	.09009	.51074	.40605	.09932	.38830	.82456

#1	.20849	.19884	44.099	.40251	.20088	.29634	14.264
#2	.20811	.19906	44.501	.40059	.20128	.29829	14.042
#3	.20916	.19871	44.482	.40384	.20110	.29839	14.217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99489	8.7190	.49369	.07247	547.66	.30722	.29471
Stddev	.00308	.0781	.00005	.00019	1.81	.00037	.00055
%RSD	.30951	.89602	.01070	.25835	.33092	.12154	.18571

#1	.99396	8.6290	.49364	.07263	549.69	.30679	.29423
#2	.99239	8.7591	.49368	.07226	547.10	.30744	.29459
#3	.99833	8.7690	.49374	.07252	546.19	.30743	.29531

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.707	.42458	.33250	3.2470	1.0958	.71095	.20823
Stddev	.087	.00042	.00720	.0214	.0066	.00179	.00230
%RSD	.68184	.09871	2.1645	.65852	.60260	.25178	1.1068

#1	12.607	.42486	.34080	3.2637	1.0997	.70927	.20587
#2	12.751	.42410	.32872	3.2545	1.0882	.71076	.20836
#3	12.762	.42479	.32797	3.2229	1.0995	.71283	.21048

Sample Name: K1448-02MS Acquired: 2/15/2019 15:41:57 Type: Unk
Method: P4-ICP2(v2866) 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	.23836	6.202	.37742	5.8486	F<.00000
Stddev	.00234	.006	.00125	.2920	.60172
%RSD	.97982	.0989	.33149	4.9926	6.1933
#1	.23583	6.199	.37804	6.1252	-9.0220
#2	.24042	6.209	.37598	5.8773	-10.027
#3	.23885	6.198	.37823	5.5433	-10.098
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.0	32958.	3597.4	13.707	2870.2
Stddev	6.9	80.	25.6	.158	7.5
%RSD	.24581	.24420	.71225	1.1558	.25967
#1	2782.5	32866.	3576.1	13.890	2865.1
#2	2783.6	33011.	3625.8	13.616	2866.9
#3	2794.9	32998.	3590.3	13.616	2878.8

Sample Name: K1448-02MSD Acquired: 2/15/2019 15:46:11 Type: Unk
Method: P4-ICP2(v2866) 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	.81030	1.9025	.97492	2.0373	.81359	2.0589	.35418
Stddev	.00397	.0042	.00275	.0089	.00436	.0393	.00556
%RSD	.49014	.22086	.28236	.43757	.53529	1.9075	1.5706

#1	.81153	1.9071	.97795	2.0405	.81606	2.0212	.35820
#2	.81351	1.8990	.97424	2.0442	.81615	2.0996	.34783
#3	.80586	1.9012	.97258	2.0273	.80856	2.0560	.35651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20877	.19939	44.541	.40290	.20129	.29647	14.096
Stddev	.00034	.00015	.026	.00089	.00080	.00120	.244
%RSD	.16442	.07385	.05881	.22191	.39821	.40605	1.7321

#1	.20849	.19934	44.526	.40393	.20096	.29606	14.351
#2	.20866	.19956	44.526	.40247	.20220	.29783	13.864
#3	.20916	.19928	44.572	.40231	.20071	.29553	14.075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99279	8.6330	.49493	.07316	543.79	.30894	.29136
Stddev	.00164	.0759	.00135	.00080	6.68	.00071	.00031
%RSD	.16477	.87954	.27316	1.0958	1.2283	.23137	.10486

#1	.99249	8.5913	.49608	.07295	551.42	.30922	.29168
#2	.99132	8.5870	.49527	.07405	539.02	.30813	.29132
#3	.99455	8.7206	.49344	.07249	540.92	.30947	.29107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.934	.42497	.33673	3.2397	1.0845	.71406	.20769
Stddev	.112	.00057	.00134	.0334	.0162	.00186	.00237
%RSD	.86911	.13403	.39732	1.0315	1.4935	.26067	1.1407

#1	13.003	.42455	.33765	3.2335	1.0974	.71587	.20659
#2	12.804	.42562	.33734	3.2099	1.0663	.71415	.20607
#3	12.994	.42473	.33519	3.2758	1.0898	.71215	.21041

Sample Name: K1448-02MSD Acquired: 2/15/2019 15:46:11 Type: Unk
Method: P4-ICP2(v2866) 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	.24298	6.228	.37814	6.0098	F<.00000
Stddev	.00217	.011	.00445	.1171	.70305
%RSD	.89196	.1693	1.1756	1.9483	6.9306
#1	.24291	6.225	.38222	6.0049	-10.326
#2	.24085	6.239	.37341	6.1292	-9.3682
#3	.24518	6.219	.37880	5.8952	-10.739
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.2	32921.	3608.8	13.288	2873.0
Stddev	14.1	31.	52.3	.917	11.0
%RSD	.50646	.09438	1.4498	6.9026	.38116
#1	2782.4	32937.	3554.3	14.253	2865.9
#2	2777.9	32940.	3658.6	13.185	2867.6
#3	2804.3	32885.	3613.6	12.427	2885.6

Sample Name: K1448-02A Acquired: 2/15/2019 15:50:24 Type: Unk
Method: P4-ICP2(v2866) 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	.81311	1.9210	.97969	2.0333	.81174	2.0454	.34943
Stddev	.00265	.0040	.00273	.0038	.00109	.0177	.00307
%RSD	.32636	.21046	.27901	.18679	.13468	.86544	.87834

#1	.81114	1.9164	.97654	2.0373	.81298	2.0544	.34963
#2	.81207	1.9238	.98140	2.0297	.81092	2.0250	.35240
#3	.81613	1.9228	.98113	2.0328	.81132	2.0568	.34627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20895	.20012	44.457	.40315	.20223	.29834	14.250
Stddev	.00035	.00021	.427	.00077	.00022	.00033	.076
%RSD	.16546	.10341	.96062	.19071	.10723	.10937	.53604

#1	.20882	.20033	44.057	.40404	.20207	.29864	14.203
#2	.20868	.20012	44.907	.40272	.20248	.29838	14.338
#3	.20934	.19991	44.407	.40270	.20215	.29799	14.208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99165	8.6891	.49681	.07295	542.94	.30827	.29285
Stddev	.00100	.1161	.00075	.00018	9.12	.00128	.00059
%RSD	.10094	1.3359	.15069	.25232	1.6790	.41406	.20254

#1	.99089	8.5757	.49686	.07304	532.92	.30943	.29316
#2	.99128	8.6840	.49753	.07274	545.16	.30690	.29322
#3	.99279	8.8077	.49604	.07308	550.74	.30848	.29216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.855	.42545	.33560	3.2563	1.0889	.71302	.20820
Stddev	.051	.00101	.00554	.0377	.0094	.00256	.00225
%RSD	.39757	.23718	1.6501	1.1571	.85937	.35835	1.0823

#1	12.817	.42574	.33572	3.2273	1.0796	.71347	.20750
#2	12.913	.42432	.33001	3.2989	1.0983	.71533	.21072
#3	12.835	.42628	.34109	3.2428	1.0887	.71028	.20638

Sample Name: K1448-02A Acquired: 2/15/2019 15:50:24 Type: Unk
Method: P4-ICP2(v2866) 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	.24598	6.240	.37905	5.9507	F<.00000
Stddev	.00032	.015	.00301	.1408	.66586
%RSD	.13116	.2372	.79491	2.3666	6.9874
#1	.24579	6.244	.37778	6.1133	-10.293
#2	.24636	6.253	.38249	5.8654	-9.2208
#3	.24581	6.224	.37687	5.8735	-9.0737
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.7	33058.	3592.7	14.641	2871.9
Stddev	1.2	22.	20.9	1.165	4.7
%RSD	.04204	.06524	.58152	7.9599	.16379
#1	2789.9	33044.	3606.8	14.015	2872.6
#2	2788.5	33083.	3568.7	15.985	2866.9
#3	2790.8	33047.	3602.6	13.922	2876.2

Sample Name: K1495-01DUP Acquired: 2/15/2019 15:54:37 Type: Unk
Method: P4-ICP2(v2866) 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	-.00175	.00046	.01028	.00098	-.00189	.03616	.15606	.00013
Stddev	.00197	.00094	.00103	.00157	.00145	.01333	.00185	.00002
%RSD	112.55	201.86	9.9988	160.57	76.648	36.871	1.1872	16.198
#1	-.00393	.00120	.00921	.00279	-.00285	.05155	.15780	.00015
#2	-.00010	.00077	.01038	-.00008	-.00022	.02869	.15411	.00011
#3	-.00122	-.00059	.01126	.00023	-.00260	.02824	.15626	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	238.77	-.00050	-.00073	.00125	-.00102	.00053	68.536
Stddev	.00006	2.01	.00027	.00023	.00070	.00055	.00007	.304
%RSD	11.783	.84319	54.271	32.043	56.141	54.371	13.474	.44422
#1	-.00053	239.21	-.00019	-.00064	.00178	-.00120	.00046	68.697
#2	-.00061	240.53	-.00059	-.00100	.00046	-.00145	.00060	68.725
#3	-.00048	236.57	-.00070	-.00055	.00151	-.00039	.00055	68.185
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	-.00027	1189.3	.00324	.08796	24.915	.02031	.21225
Stddev	.00047	.00050	9.3	.00011	.00012	.233	.00017	.00924
%RSD	34.278	183.59	.78480	3.3072	.13870	.93547	.84005	4.3556
#1	-.00083	-.00047	1194.1	.00330	.08790	24.963	.02041	.20236
#2	-.00163	.00030	1195.3	.00330	.08787	25.121	.02041	.21373
#3	-.00166	-.00064	1178.5	.00312	.08810	24.662	.02011	.22067
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 111.50	6.7555	-.03807	-.00778	.09934	.0061	1.3521	6.8250
Stddev	.36	.0566	.00131	.00128	.00093	.0020	.0113	.1135
%RSD	.32509	.83859	3.4512	16.464	.93935	32.88	.83645	1.6627
#1	111.29	6.7590	-.03655	-.00673	.09981	.0072	1.3541	6.6969
#2	111.92	6.8104	-.03890	-.00740	.09994	.0074	1.3622	6.8649
#3	111.30	6.6972	-.03875	-.00921	.09827	.0038	1.3399	6.9131

Sample Name: K1495-01DUP Acquired: 2/15/2019 15:54:37 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.615
Stddev	.778
%RSD	5.3255

#1	14.891
#2	13.737
#3	15.218

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.8	31135.	3628.2	14.607	2637.1
Stddev	6.6	68.	25.5	.424	2.3
%RSD	.24790	.21901	.70215	2.9015	.08673

#1	2650.3	31193.	3629.6	14.636	2639.6
#2	2643.8	31060.	3602.1	15.015	2635.2
#3	2637.2	31153.	3652.9	14.169	2636.3

Sample Name: CCV03 Acquired: 2/15/2019 15:59:07 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0713	5.0224	5.0200	5.0912	5.0867	9.9068	10.026	.25712
Stddev	.0236	.0101	.0058	.0308	.0311	.0942	.008	.00037
%RSD	.46612	.20115	.11481	.60449	.61056	.95041	.07740	.14357
#1	5.0950	5.0209	5.0215	5.1192	5.1103	9.8067	10.017	.25681
#2	5.0712	5.0332	5.0249	5.0962	5.0983	9.9202	10.031	.25701
#3	5.0478	5.0132	5.0136	5.0582	5.0515	9.9936	10.031	.25753
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4997	25.104	1.0023	2.5138	1.2645	5.0592	2.4810	24.766
Stddev	.0084	.103	.0029	.0061	.0066	.0054	.0044	.113
%RSD	.33454	.40945	.29204	.24292	.51848	.10680	.17656	.45457
#1	2.5052	24.990	1.0013	2.5191	1.2678	5.0648	2.4759	24.640
#2	2.5038	25.132	.99999	2.5152	1.2687	5.0587	2.4833	24.801
#3	2.4901	25.190	1.0056	2.5071	1.2569	5.0541	2.4838	24.856
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4896	1.2631	25.385	2.5082	2.5258	24.752	5.1446	4.8733
Stddev	.0059	.0005	.108	.0070	.0081	.046	.0199	.0126
%RSD	.23685	.03891	.42453	.28091	.32096	.18551	.38625	.25814
#1	2.4934	1.2629	25.287	2.5093	2.5319	24.732	5.1641	4.8769
#2	2.4925	1.2637	25.500	2.5006	2.5290	24.720	5.1453	4.8594
#3	2.4828	1.2628	25.370	2.5146	2.5166	24.805	5.1244	4.8838
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9997	4.8744	4.9314	5.0723	5.0398	5.005	5.1048	F 4.3368
Stddev	.0260	.0205	.0168	.0253	.0035	.014	.0047	.1524
%RSD	.51937	.42095	.34023	.49880	.07007	.2781	.09258	3.5147
#1	5.0297	4.8898	4.9410	5.0458	5.0404	5.002	5.1009	4.2081
#2	4.9844	4.8511	4.9411	5.0749	5.0360	4.992	5.1101	4.5052
#3	4.9851	4.8823	4.9120	5.0962	5.0430	5.020	5.1036	4.2973

Sample Name: CCV03 Acquired: 2/15/2019 15:59:07 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2671
Stddev .9430
%RSD 41.596

#1 2.9641
#2 1.1941
#3 2.6431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.7	35114.	3690.5	13.934	3095.1
Stddev	19.0	123.	14.7	1.104	13.8
%RSD	.64519	.34971	.39885	7.9206	.44464

#1	2931.5	35212.	3682.6	15.189	3084.8
#2	2940.6	34976.	3681.4	13.498	3089.9
#3	2968.0	35155.	3707.5	13.115	3110.7

Sample Name: CCB03 Acquired: 2/15/2019 16:03:06 Type: Unk
Method: P4-ICP2(v2866) 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	.00095	.00307	-.00071	-.00028	.00074	-.01054	-.02059	.00006
Stddev	.00123	.00043	.00040	.00078	.00077	.00034	.00328	.00006
%RSD	129.18	13.906	56.567	278.02	103.25	3.2330	15.919	103.41

#1	-.00012	.00339	-.00114	.00039	.00162	-.01093	-.02171	.00013
#2	.00068	.00259	-.00065	-.00113	.00019	-.01039	-.01690	.00001
#3	.00230	.00324	-.00034	-.00010	.00042	-.01030	-.02316	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00762	.00018	-.00015	.00023	-.00088	.00004	.07215
Stddev	.00006	.00998	.00015	.00013	.00006	.00069	.00001	.05408
%RSD	347.28	131.00	84.242	86.492	27.782	78.807	33.475	74.955

#1	-.00002	-.01027	.00005	-.00003	.00025	-.00079	.00006	.04091
#2	-.00002	-.01601	.00035	-.00014	.00016	-.00024	.00003	.13460
#3	.00009	.00342	.00014	-.00029	.00028	-.00162	.00004	.04094

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00009	.56573	-.00001	.00015	.32394	.00012	-.00933
Stddev	.00023	.00007	.02341	.00055	.00007	.05365	.00013	.00841
%RSD	48.024	75.561	4.1375	6845.1	44.064	16.560	104.13	90.221

#1	.00050	-.00013	.58016	.00060	.00017	.37683	-.00002	-.00823
#2	.00024	-.00013	.57831	-.00016	.00008	.32542	.00019	-.00152
#3	.00070	-.00001	.53872	-.00047	.00021	.26957	.00020	-.01823

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02731	-.01123	-.00045	-.00187	.00733	-.0001	.00019	2.0662
Stddev	.00870	.00212	.00056	.00355	.00177	.0011	.00018	.3512
%RSD	31.878	18.914	124.23	190.27	24.112	879.4	92.189	16.998

#1	.03280	-.01050	-.00021	.00221	.00713	-.0007	.00039	1.6742
#2	.03185	-.01362	-.00005	-.00354	.00919	.0011	.00004	2.3523
#3	.01727	-.00957	-.00108	-.00427	.00567	-.0007	.00016	2.1721

Sample Name: CCB03 Acquired: 2/15/2019 16:03:06 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.42646
Stddev	.40629
%RSD	95.269

#1	.88136
#2	.29833
#3	.09969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.9	37151.	3733.2	15.168	3488.2
Stddev	12.7	71.	25.0	.841	13.7
%RSD	.41281	.19031	.66979	5.5444	.39372

#1	3072.3	37072.	3745.1	15.491	3472.9
#2	3095.3	37175.	3704.4	15.800	3499.4
#3	3093.2	37207.	3750.0	14.214	3492.3

Sample Name: K1495-01LX5 Acquired: 2/15/2019 16:07:08 Type: Unk
Method: P4-ICP2(v2866) 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	-.00037	-.00104	.00377	-.00020	-.00005	.00209	.01677	.00006
Stddev	.00130	.00054	.00026	.00289	.00155	.01062	.00257	.00004
%RSD	347.83	52.361	7.0123	1461.4	3261.1	508.90	15.356	69.102
#1	-.00109	-.00078	.00366	-.00162	.00167	.00492	.01569	.00002
#2	.00113	-.00067	.00358	-.00210	-.00135	-.00966	.01971	.00010
#3	-.00116	-.00166	.00407	.00313	-.00046	.01101	.01491	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	50.851	-.00009	-.00023	.00065	.00105	.00010	14.542
Stddev	.00013	.171	.00026	.00023	.00044	.00075	.00003	.027
%RSD	54.228	.33577	283.79	99.426	67.336	71.217	33.662	.18774
#1	-.00036	50.677	-.00003	-.00002	.00071	.00066	.00007	14.518
#2	-.00010	50.860	.00013	-.00019	.00018	.00058	.00010	14.572
#3	-.00025	51.018	-.00038	-.00047	.00105	.00192	.00014	14.536
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	.00054	303.67	.00043	.01739	4.7024	.00442	.02902
Stddev	.00020	.00048	1.04	.00072	.00011	.0362	.00004	.00646
%RSD	24.320	88.073	.34278	167.67	.62499	.76874	.91351	22.257
#1	-.00105	.00109	304.82	-.00009	.01728	4.7170	.00440	.03631
#2	-.00081	.00029	302.79	.00125	.01741	4.7290	.00439	.02676
#3	-.00064	.00024	303.40	.00013	.01749	4.6613	.00446	.02400
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.006	1.4645	-.00575	-.00217	.02577	.0003	.28626	5.1987
Stddev	.040	.0052	.00006	.00343	.00098	.0008	.00110	.2431
%RSD	.19025	.35253	1.0165	158.16	3.7970	327.9	.38333	4.6753
#1	21.000	1.4642	-.00581	-.00349	.02474	.0011	.28705	5.0661
#2	20.969	1.4699	-.00570	.00172	.02590	.0003	.28501	5.0507
#3	21.048	1.4596	-.00574	-.00474	.02668	-.0006	.28674	5.4792

Sample Name: K1495-01LX5 Acquired: 2/15/2019 16:07:08 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4983
Stddev .2739
%RSD 3.6533

#1 7.3493
#2 7.3312
#3 7.8145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.1	33642.	3657.2	14.918	2989.4
Stddev	10.2	70.	10.4	1.485	8.4
%RSD	.35706	.20742	.28516	9.9582	.28153

#1	2852.4	33710.	3668.0	14.069	2988.7
#2	2866.3	33646.	3656.4	16.633	2998.2
#3	2846.4	33571.	3647.2	14.051	2981.4

Sample Name: K1495-01MS Acquired: 2/15/2019 16:11:43 Type: Unk
Method: P4-ICP2(v2866) 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	.88993	1.9448	1.0313	2.2088	.89140	2.3016	.37436	.23506
Stddev	.00210	.0053	.0065	.0043	.00457	.0075	.00308	.00055
%RSD	.23570	.27378	.62502	.19517	.51238	.32614	.82376	.23600
#1	.88792	1.9443	1.0291	2.2092	.88668	2.2951	.37725	.23558
#2	.89211	1.9504	1.0386	2.2128	.89174	2.2999	.37473	.23512
#3	.88976	1.9398	1.0263	2.2042	.89579	2.3098	.37111	.23447
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20836	250.89	.40374	.20904	.30469	2.7648	.20197	73.208
Stddev	.00024	.95	.00077	.00064	.00061	.0217	.00039	.270
%RSD	.11470	.37707	.19189	.30398	.20018	.78624	.19209	.36848
#1	.20855	251.92	.40416	.20966	.30398	2.7883	.20237	73.410
#2	.20844	250.05	.40284	.20839	.30498	2.7454	.20192	73.313
#3	.20809	250.71	.40420	.20906	.30509	2.7607	.20160	72.902
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51163	.08212	1286.8	.31834	.28911	37.178	.45229	.52445
Stddev	.00108	.00078	15.8	.00069	.00105	.079	.00095	.01460
%RSD	.21158	.95371	1.2303	.21596	.36172	.21358	.20972	2.7840
#1	.51287	.08180	1305.1	.31897	.28946	37.265	.45147	.52488
#2	.51086	.08155	1278.7	.31761	.28995	37.160	.45207	.50964
#3	.51116	.08301	1276.7	.31843	.28794	37.109	.45333	.53883
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 116.53	7.9854	.71204	.20463	.33945	7.130	1.6209	7.1972
Stddev	.26	.0649	.00243	.00080	.00104	.017	.0054	.1908
%RSD	.22474	.81342	.34092	.39296	.30591	.2328	.33129	2.6515
#1	116.73	8.0587	.71061	.20483	.33836	7.133	1.6267	7.3824
#2	116.63	7.9353	.71485	.20532	.33956	7.146	1.6161	7.2081
#3	116.24	7.9621	.71068	.20375	.34043	7.113	1.6198	7.0012

Sample Name: K1495-01MS Acquired: 2/15/2019 16:11:43 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.4913
Stddev	.2927
%RSD	3.0840

#1	9.3211
#2	9.8292
#3	9.3234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.4	30542.	3550.3	14.314	2586.0
Stddev	19.5	11.	22.0	.339	16.3
%RSD	.75046	.03627	.62022	2.3664	.63022

#1	2619.8	30553.	3526.6	13.995	2603.0
#2	2584.4	30542.	3570.1	14.669	2570.6
#3	2587.9	30531.	3554.3	14.279	2584.3

Sample Name: K1495-01MSD Acquired: 2/15/2019 16:15:56 Type: Unk
Method: P4-ICP2(v2866) 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	.89703	1.9436	1.0298	2.2151	.89625	2.2913	.37401	.23520
Stddev	.00981	.0005	.0036	.0045	.00192	.0479	.00314	.00049
%RSD	1.0933	.02421	.34876	.20130	.21371	2.0901	.83879	.20836
#1	.90330	1.9431	1.0313	2.2144	.89455	2.2405	.37077	.23556
#2	.88573	1.9441	1.0324	2.2199	.89832	2.3357	.37424	.23540
#3	.90207	1.9435	1.0257	2.2111	.89587	2.2977	.37703	.23464
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20797	252.60	.40382	.20940	.30446	2.7475	.20288	74.150
Stddev	.00058	1.92	.00105	.00020	.00054	.0188	.00011	.276
%RSD	.27921	.75906	.26115	.09449	.17698	.68278	.05490	.37175
#1	.20780	253.23	.40362	.20962	.30485	2.7428	.20281	73.980
#2	.20862	250.45	.40496	.20935	.30469	2.7315	.20301	74.002
#3	.20750	254.13	.40287	.20924	.30385	2.7681	.20281	74.468
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51000	.08152	1230.6	.31962	.28333	37.588	.45428	.52184
Stddev	.00187	.00028	16.6	.00136	.00044	.290	.00055	.01011
%RSD	.36575	.33777	1.3484	.42438	.15360	.77046	.12078	1.9369
#1	.50885	.08169	1227.4	.31815	.28354	37.498	.45388	.51243
#2	.51215	.08167	1215.9	.32082	.28362	37.355	.45406	.53252
#3	.50899	.08120	1248.6	.31990	.28283	37.912	.45491	.52057
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 117.60	8.0315	.71199	.20659	.34175	7.121	1.6334	7.2695
Stddev	.07	.0685	.00249	.00313	.00237	.018	.0143	.0861
%RSD	.06201	.85248	.34998	1.5173	.69284	.2506	.87687	1.1841
#1	117.56	8.0147	.71304	.20536	.33969	7.108	1.6398	7.3520
#2	117.69	7.9730	.71378	.20425	.34434	7.141	1.6170	7.1802
#3	117.56	8.1068	.70914	.21015	.34122	7.114	1.6435	7.2763

Sample Name: K1495-01MSD Acquired: 2/15/2019 16:15:56 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.9284
Stddev	1.1181
%RSD	12.523

#1	9.8954
#2	7.7040
#3	9.1858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.3	30296.	3540.5	13.947	2575.6
Stddev	10.7	43.	32.1	1.122	8.4
%RSD	.41441	.14075	.90763	8.0413	.32432

#1	2572.7	30328.	3541.9	14.654	2569.1
#2	2593.8	30312.	3571.9	14.533	2585.0
#3	2580.3	30247.	3507.6	12.654	2572.7

Sample Name: K1495-01A Acquired: 2/15/2019 16:20:08 Type: Unk
Method: P4-ICP2(v2866) 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	.88926	1.9354	1.0292	2.2099	.89317	2.2870	.37401	.23432
Stddev	.00290	.0079	.0030	.0018	.00304	.0326	.00239	.00043
%RSD	.32618	.41032	.28886	.07920	.33985	1.4252	.63911	.18283
#1	.89014	1.9435	1.0301	2.2091	.89035	2.2768	.37140	.23472
#2	.89163	1.9350	1.0258	2.2118	.89639	2.3234	.37610	.23438
#3	.88603	1.9276	1.0315	2.2086	.89278	2.2607	.37452	.23387
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20739	251.44	.40282	.20833	.30365	2.7523	.20182	73.562
Stddev	.00015	1.02	.00126	.00078	.00075	.0154	.00055	.165
%RSD	.07177	.40417	.31327	.37495	.24703	.56068	.27078	.22473
#1	.20752	252.61	.40326	.20749	.30388	2.7688	.20119	73.480
#2	.20741	250.88	.40380	.20847	.30426	2.7500	.20213	73.454
#3	.20722	250.83	.40140	.20904	.30282	2.7382	.20214	73.753
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50981	.08166	1219.5	.31770	.28405	37.575	.45244	.52359
Stddev	.00062	.00060	19.9	.00084	.00029	.100	.00068	.01329
%RSD	.12133	.72924	1.6322	.26500	.10293	.26521	.14975	2.5379
#1	.51052	.08235	1241.6	.31810	.28433	37.683	.45166	.52332
#2	.50938	.08127	1203.1	.31826	.28375	37.486	.45273	.53700
#3	.50953	.08136	1213.7	.31673	.28407	37.555	.45292	.51043
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 116.93	8.0501	.70786	.20385	.33882	7.095	1.6315	7.2684
Stddev	.30	.0435	.00356	.00327	.00074	.020	.0080	.1451
%RSD	.25537	.54077	.50331	1.6035	.21770	.2869	.49168	1.9969
#1	117.27	8.1003	.70489	.20320	.33960	7.111	1.6408	7.4259
#2	116.83	8.0280	.70687	.20095	.33814	7.102	1.6264	7.1399
#3	116.69	8.0221	.71181	.20739	.33872	7.072	1.6274	7.2395

Sample Name: K1495-01A Acquired: 2/15/2019 16:20:08 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.6740
Stddev .6672
%RSD 6.8963

#1 8.9258
#2 10.207
#3 9.8891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.1	30407.	3521.1	13.895	2569.1
Stddev	6.7	32.	20.8	2.388	4.7
%RSD	.26046	.10541	.59041	17.189	.18231

#1	2566.2	30425.	3497.2	14.757	2563.8
#2	2573.8	30370.	3534.5	15.733	2570.8
#3	2579.5	30426.	3531.7	11.195	2572.8

Sample Name: K1345-02 Acquired: 2/15/2019 16:24:19 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00263	-.00075	.00225	.00180	.00257	.05244	.09851	.00009
Stddev	.00135	.00025	.00049	.00234	.00067	.00397	.00295	.00004
%RSD	51.352	33.500	21.719	129.91	25.943	7.5727	2.9970	44.006

#1	-.00415	-.00086	.00169	.00024	.00323	.05589	.09999	.00006
#2	-.00159	-.00046	.00259	.00449	.00189	.05333	.09512	.00013
#3	-.00214	-.00091	.00247	.00067	.00260	.04810	.10043	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	9.1388	.00037	.00255	.00389	.02555	.24060	2.5203
Stddev	.00011	.0497	.00012	.00005	.00022	.00126	.00060	.0335
%RSD	113.47	.54357	32.859	2.0759	5.6416	4.9283	.24731	1.3276

#1	.00003	9.1084	.00025	.00252	.00370	.02672	.23991	2.5559
#2	-.00014	9.1120	.00036	.00261	.00382	.02422	.24090	2.4895
#3	-.00018	9.1962	.00049	.00253	.00413	.02572	.24098	2.5155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	.00005	315.97	-.00091	.01282	1.2943	.00003	-.00534
Stddev	.00023	.00040	5.29	.00026	.00002	.0761	.00021	.00299
%RSD	10.349	832.43	1.6735	28.812	.17275	5.8797	626.86	55.952

#1	.00222	.00025	314.91	-.00115	.01285	1.3387	-.00018	-.00685
#2	.00245	.00031	311.28	-.00063	.01280	1.3378	.00022	-.00190
#3	.00199	-.00042	321.70	-.00095	.01282	1.2064	.00006	-.00727

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39164	.41587	.00170	.00138	.01705	.0040	.04141	4.5949
Stddev	.01675	.00542	.00042	.00167	.00253	.0014	.00043	.0986
%RSD	4.2768	1.3040	24.519	121.01	14.809	34.21	1.0487	2.1453

#1	.41072	.41666	.00162	.00089	.01991	.0056	.04105	4.5214
#2	.38484	.41010	.00214	.00325	.01514	.0036	.04127	4.7070
#3	.37937	.42086	.00132	.00001	.01610	.0029	.04189	4.5564

Sample Name: K1345-02 Acquired: 2/15/2019 16:24:19 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.6232
 Stddev .6335
 %RSD 11.265

#1 5.0078
 #2 6.2734
 #3 5.5885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.4	33899.	3716.5	13.355	2979.9
Stddev	5.7	82.	44.4	.347	10.2
%RSD	.20032	.24095	1.1939	2.6020	.34088

#1	2844.0	33809.	3706.4	13.127	2970.9
#2	2855.3	33968.	3765.0	13.755	2990.9
#3	2848.9	33921.	3678.0	13.182	2977.8

Sample Name: K1345-02DUP Acquired: 2/15/2019 16:28:52 Type: Unk
Method: P4-ICP2(v2866) 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	-.00296	-.00282	.00153	.00293	.00332	.06126	.09736	.00005
Stddev	.00323	.00069	.00068	.00261	.00092	.00580	.00560	.00004
%RSD	109.05	24.310	44.136	89.092	27.784	9.4631	5.7490	91.292

#1	-.00088	-.00206	.00105	.00241	.00229	.06748	.10087	.00002
#2	-.00132	-.00340	.00124	.00577	.00361	.06031	.09091	.00009
#3	-.00668	-.00300	.00230	.00062	.00406	.05600	.10031	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	9.3028	.00064	.00243	.00433	.02861	.24261	2.5495
Stddev	.00009	.0437	.00030	.00012	.00034	.00152	.00043	.0808
%RSD	49.111	.47016	47.453	5.0098	7.9394	5.3099	.17800	3.1705

#1	-.00009	9.2663	.00030	.00232	.00472	.03035	.24305	2.4847
#2	-.00017	9.3513	.00073	.00241	.00414	.02784	.24259	2.6401
#3	-.00027	9.2908	.00089	.00256	.00412	.02762	.24218	2.5238

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	-.00009	336.23	-.00037	.01309	1.1276	.00015	-.00559
Stddev	.00030	.00053	4.25	.00024	.00010	.0343	.00003	.00543
%RSD	11.922	595.29	1.2625	64.772	.75387	3.0459	21.057	97.116

#1	.00283	-.00003	333.87	-.00064	.01307	1.1544	.00016	-.00938
#2	.00225	.00041	341.13	-.00017	.01300	1.1394	.00012	-.00803
#3	.00242	-.00064	333.69	-.00031	.01319	1.0889	.00018	.00063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34768	.42582	.00228	.00166	.01277	.0038	.04200	4.6211
Stddev	.01787	.00508	.00074	.00189	.00065	.0013	.00028	.2104
%RSD	5.1412	1.1930	32.377	114.31	5.0652	32.83	.66901	4.5535

#1	.33049	.42242	.00283	.00158	.01343	.0046	.04168	4.7215
#2	.34638	.42339	.00257	-.00020	.01274	.0045	.04220	4.7625
#3	.36616	.43166	.00144	.00359	.01214	.0024	.04213	4.3793

Sample Name: K1345-02DUP Acquired: 2/15/2019 16:28:52 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8743
Stddev	.2574
%RSD	5.2816

#1	4.6058
#2	5.1190
#3	4.8983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.0	33917.	3674.9	14.527	2976.7
Stddev	9.6	95.	13.1	1.073	12.2
%RSD	.33663	.27913	.35598	7.3878	.40822

#1	2855.0	33809.	3660.4	13.305	2990.5
#2	2838.9	33984.	3678.3	15.316	2971.8
#3	2838.0	33959.	3685.9	14.959	2967.8

Sample Name: K1345-02LX5 Acquired: 2/15/2019 16:33:25 Type: Unk
Method: P4-ICP2(v2866) 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	-.00093	-.00071	.00069	.00002	.00166	.00951	.00799	.00003
Stddev	.00155	.00167	.00107	.00169	.00015	.00779	.00465	.00004
%RSD	167.61	234.12	155.34	9639.0	9.3079	81.856	58.154	123.34

#1	.00082	-.00202	.00063	-.00029	.00183	.01594	.01221	.00003
#2	-.00216	-.00129	.00179	.00184	.00154	.00085	.00301	.00007
#3	-.00144	.00117	-.00035	-.00150	.00160	.01174	.00875	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	2.0114	.00029	.00026	.00108	.02711	.05232	.59887
Stddev	.00004	.0014	.00004	.00038	.00015	.00149	.00023	.03370
%RSD	73.646	.06830	13.902	146.11	13.721	5.5036	.43785	5.6274

#1	-.00008	2.0104	.00030	-.00001	.00097	.02883	.05212	.63654
#2	-.00001	2.0109	.00032	.00070	.00103	.02614	.05227	.58849
#3	-.00006	2.0130	.00025	.00009	.00125	.02636	.05257	.57158

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00019	74.287	-.00041	.00568	.45232	-.00002	-.00884
Stddev	.00031	.00076	.802	.00031	.00003	.01238	.00013	.00942
%RSD	85.399	402.55	1.0790	74.695	.52662	2.7372	777.05	106.46

#1	.00031	.00088	75.128	-.00044	.00567	.46601	-.00010	-.01715
#2	.00071	-.00063	73.532	-.00071	.00566	.44903	.00013	.00138
#3	.00009	.00032	74.200	-.00009	.00571	.44191	-.00009	-.01077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09032	.08336	-.00013	.00114	.00546	.0030	.00894	3.1988
Stddev	.00753	.00143	.00032	.00106	.00102	.0013	.00009	.1776
%RSD	8.3318	1.7119	243.60	92.869	18.644	43.85	.98751	5.5517

#1	.09563	.08469	-.00004	.00187	.00577	.0026	.00884	3.3912
#2	.09364	.08352	.00013	-.00007	.00432	.0019	.00896	3.1640
#3	.08171	.08185	-.00048	.00161	.00629	.0044	.00902	3.0412

Sample Name: K1345-02LX5 Acquired: 2/15/2019 16:33:25 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2457
Stddev	.5497
%RSD	44.124

#1	1.0872
#2	1.8573
#3	.79276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.0	35901.	3759.1	15.420	3252.7
Stddev	2.3	106.	52.4	.228	2.2
%RSD	.07595	.29620	1.3947	1.4798	.06685

#1	2996.9	35865.	3698.5	15.211	3255.0
#2	3000.6	35817.	3789.0	15.387	3252.4
#3	2996.6	36020.	3789.7	15.663	3250.7

Sample Name: K1345-02MS Acquired: 2/15/2019 16:37:51 Type: Unk
Method: P4-ICP2(v2866) 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	.84198	2.0110	1.0179	2.1498	.84039	2.1214	.30364
Stddev	.00353	.0032	.0050	.0065	.00114	.0033	.00445
%RSD	.41884	.15931	.49318	.30042	.13584	.15426	1.4655

#1	.84416	2.0078	1.0147	2.1441	.84069	2.1201	.30624
#2	.84386	2.0110	1.0153	2.1568	.84135	2.1251	.29850
#3	.83791	2.0142	1.0237	2.1485	.83913	2.1189	.30619

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21227	.20781	9.8279	.41325	.21152	.31451	3.0568
Stddev	.00025	.00074	.0360	.00250	.00035	.00151	.0124
%RSD	.11620	.35456	.36627	.60607	.16427	.47970	.40543

#1	.21231	.20695	9.7870	.41580	.21152	.31534	3.0633
#2	.21249	.20822	9.8419	.41316	.21187	.31542	3.0425
#3	.21200	.20824	9.8548	.41079	.21117	.31276	3.0646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43101	4.4715	.51695	.07430	324.71	.31517	.22712
Stddev	.00041	.0679	.00055	.00101	2.77	.00249	.00018
%RSD	.09550	1.5194	.10592	1.3588	.85441	.79097	.07820

#1	.43146	4.3931	.51685	.07539	323.85	.31740	.22691
#2	.43093	4.5077	.51754	.07413	322.47	.31565	.22722
#3	.43065	4.5137	.51646	.07339	327.81	.31248	.22722

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.318	.44018	.30337	.29028	1.3204	.73307	.21593
Stddev	.061	.00068	.00860	.01260	.0148	.00272	.00460
%RSD	.54183	.15420	2.8333	4.3423	1.1215	.37045	2.1323

#1	11.293	.43975	.30857	.30190	1.3360	.73125	.21415
#2	11.388	.44097	.29345	.27688	1.3066	.73178	.22116
#3	11.274	.43983	.30810	.29206	1.3185	.73620	.21248

Sample Name: K1345-02MS Acquired: 2/15/2019 16:37:51 Type: Unk
 Method: P4-ICP2(v2866) 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	.22561	6.314	.24238	4.9144	F<.00000
Stddev	.00191	.014	.00066	.0689	.68713
%RSD	.84473	.2219	.27025	1.4018	49.198
#1	.22354	6.298	.24162	4.8518	-1.4952
#2	.22601	6.318	.24282	4.9882	-2.0292
#3	.22729	6.325	.24269	4.9033	-.66558
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.1	34131.	3690.9	14.961	2992.7
Stddev	3.5	100.	11.9	.945	8.0
%RSD	.12351	.29421	.32338	6.3131	.26720
#1	2864.7	34021.	3678.0	16.045	3001.1
#2	2859.1	34153.	3701.6	14.316	2992.0
#3	2865.6	34218.	3693.0	14.523	2985.2

Sample Name: K1345-02MSD Acquired: 2/15/2019 16:42:04 Type: Unk
Method: P4-ICP2(v2866) 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	.84635	2.0205	1.0232	2.1570	.84070	2.1396	.30197
Stddev	.00206	.0086	.0032	.0012	.00488	.0219	.00233
%RSD	.24339	.42503	.31177	.05725	.58061	1.0216	.77175

#1	.84873	2.0222	1.0210	2.1557	.84625	2.1214	.30154
#2	.84511	2.0112	1.0268	2.1572	.83878	2.1638	.30449
#3	.84522	2.0281	1.0218	2.1581	.83707	2.1335	.29989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21334	.20858	10.009	.41637	.21245	.31523	3.0496
Stddev	.00040	.00021	.027	.00175	.00065	.00088	.0150
%RSD	.18556	.10207	.26902	.42141	.30652	.27899	.49251

#1	.21351	.20839	10.018	.41797	.21177	.31423	3.0593
#2	.21288	.20881	9.9790	.41449	.21253	.31587	3.0323
#3	.21362	.20855	10.031	.41665	.21306	.31560	3.0573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43803	4.4588	.51958	.07520	328.43	.31798	.22845
Stddev	.00088	.0467	.00223	.00014	3.70	.00062	.00049
%RSD	.20172	1.0478	.42949	.18661	1.1274	.19454	.21385

#1	.43903	4.4514	.51721	.07521	330.70	.31801	.22881
#2	.43770	4.4162	.51989	.07506	324.15	.31735	.22863
#3	.43736	4.5088	.52165	.07534	330.43	.31859	.22789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.439	.44098	.30143	.29132	1.3192	.73555	.21759
Stddev	.042	.00086	.01143	.01870	.0106	.00346	.00214
%RSD	.36615	.19513	3.7930	6.4180	.80477	.47085	.98224

#1	11.393	.44196	.29816	.30979	1.3293	.73739	.21616
#2	11.448	.44064	.31414	.27241	1.3081	.73155	.21656
#3	11.475	.44034	.29199	.29176	1.3202	.73770	.22004

Sample Name: K1345-02MSD Acquired: 2/15/2019 16:42:04 Type: Unk
Method: P4-ICP2(v2866) 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	.22978	6.336	.24427	4.9847	F<.00000
Stddev	.00458	.014	.00008	.0914	.30326
%RSD	1.9935	.2175	.03438	1.8330	17.628

#1	.22510	6.328	.24427	5.0281	-1.6954
#2	.23425	6.328	.24436	5.0463	-2.0353
#3	.22998	6.352	.24420	4.8797	-1.4303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.0	33967.	3697.5	13.939	2976.0
Stddev	11.0	93.	32.2	.442	6.5
%RSD	.38451	.27400	.87042	3.1684	.21986

#1	2842.3	33867.	3668.4	13.432	2969.5
#2	2861.0	34051.	3732.1	14.143	2982.6
#3	2861.6	33982.	3692.1	14.241	2976.0

Sample Name: K1345-02A Acquired: 2/15/2019 16:46:17 Type: Unk
Method: P4-ICP2(v2866) 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	.83550	1.9923	1.0107	2.1196	.83081	2.1123	.30685	.21126
Stddev	.00115	.0056	.0013	.0064	.00204	.0150	.00361	.00111
%RSD	.13787	.28114	.12833	.30314	.24573	.71000	1.1759	.52570
#1	.83625	1.9959	1.0109	2.1179	.83069	2.0973	.30876	.21228
#2	.83418	1.9951	1.0119	2.1142	.82883	2.1121	.30269	.21008
#3	.83609	1.9859	1.0093	2.1267	.83291	2.1273	.30911	.21142
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20567	9.8404	.41016	.21008	.31263	3.0552	.42991	4.3803
Stddev	.00016	.0233	.00082	.00032	.00077	.0259	.00069	.0659
%RSD	.07785	.23624	.19922	.15117	.24729	.84848	.16145	1.5050
#1	.20585	9.8171	.41111	.20998	.31291	3.0698	.43066	4.4496
#2	.20562	9.8404	.40973	.20983	.31322	3.0252	.42979	4.3729
#3	.20553	9.8636	.40965	.21044	.31176	3.0705	.42929	4.3184
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51239	.07390	322.81	.31385	.22514	11.412	.43621	.30266
Stddev	.00064	.00068	1.39	.00188	.00021	.033	.00054	.00230
%RSD	.12447	.92108	.43169	.59942	.09264	.29112	.12484	.75978
#1	.51264	.07466	323.66	.31325	.22490	11.432	.43632	.30025
#2	.51166	.07372	321.20	.31234	.22522	11.373	.43561	.30483
#3	.51286	.07333	323.57	.31595	.22529	11.430	.43669	.30290
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29181	1.3083	.72519	.21440	.22902	6.238	.24139	4.7694
Stddev	.01877	.0095	.00276	.00222	.00333	.006	.00019	.0573
%RSD	6.4326	.72449	.38012	1.0375	1.4519	.0915	.07895	1.2019
#1	.27016	1.3082	.72486	.21284	.23085	6.242	.24123	4.8097
#2	.30166	1.2990	.72261	.21695	.22518	6.239	.24160	4.7038
#3	.30360	1.3179	.72809	.21341	.23103	6.231	.24135	4.7947

Sample Name: K1345-02A Acquired: 2/15/2019 16:46:17 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.14974
%RSD	14.998

#1	-1.1235
#2	-.83248
#3	-1.0394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.9	34403.	3703.3	14.589	3019.6
Stddev	9.2	84.	18.4	.409	8.8
%RSD	.31682	.24424	.49679	2.8012	.29021

#1	2878.4	34316.	3685.1	14.420	3011.6
#2	2894.8	34408.	3721.8	14.291	3018.2
#3	2893.6	34484.	3703.0	15.055	3029.0

Sample Name: CCV04 Acquired: 2/15/2019 16:50:31 Type: Unk
Method: P4-ICP2(v2866) 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	4.9943	4.9367	4.9463	5.0040	5.0356	9.6776	9.8317	.25343
Stddev	.0153	.0051	.0076	.0141	.0095	.0475	.0234	.00064
%RSD	.30691	.10256	.15396	.28242	.18887	.49116	.23820	.25226
#1	5.0099	4.9363	4.9551	5.0197	5.0446	9.7185	9.8250	.25282
#2	4.9937	4.9318	4.9418	4.9999	5.0365	9.6889	9.8578	.25336
#3	4.9793	4.9419	4.9420	4.9924	5.0256	9.6255	9.8124	.25410
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4535	24.525	.98545	2.4716	1.2465	4.9997	2.4509	24.448
Stddev	.0008	.167	.00225	.0025	.0017	.0009	.0077	.184
%RSD	.03156	.67940	.22850	.09969	.13681	.01739	.31551	.75386
#1	2.4529	24.552	.98721	2.4730	1.2477	4.9991	2.4540	24.576
#2	2.4532	24.677	.98292	2.4687	1.2473	4.9993	2.4421	24.532
#3	2.4543	24.347	.98624	2.4730	1.2446	5.0007	2.4566	24.237
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4349	1.2451	24.791	2.4619	2.4899	24.125	5.0933	4.8033
Stddev	.0020	.0015	.128	.0055	.0039	.048	.0151	.0229
%RSD	.08150	.12160	.51691	.22136	.15605	.19999	.29702	.47652
#1	2.4353	1.2450	24.720	2.4639	2.4942	24.181	5.1056	4.8221
#2	2.4327	1.2437	24.939	2.4558	2.4889	24.104	5.0980	4.7778
#3	2.4366	1.2467	24.714	2.4661	2.4867	24.091	5.0764	4.8100
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8822	4.7955	4.8121	5.0047	4.9318	4.905	5.0012	F 4.1441
Stddev	.0402	.0113	.0116	.0145	.0154	.007	.0179	.0908
%RSD	.82298	.23562	.24028	.28886	.31178	.1336	.35721	2.1915
#1	4.8645	4.8057	4.7989	4.9883	4.9363	4.899	5.0051	4.1170
#2	4.9282	4.7834	4.8175	5.0104	4.9444	4.906	5.0168	4.2454
#3	4.8539	4.7974	4.8200	5.0154	4.9147	4.912	4.9817	4.0699

Sample Name: CCV04 Acquired: 2/15/2019 16:50:31 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9778
Stddev	.6940
%RSD	35.089

#1	2.7768
#2	1.6309
#3	1.5256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.9	35485.	3715.5	13.440	3133.6
Stddev	6.5	91.	12.3	.822	2.0
%RSD	.22044	.25652	.33218	6.1167	.06317

#1	2963.5	35397.	3709.5	12.495	3135.8
#2	2959.2	35480.	3707.3	13.835	3132.2
#3	2972.0	35578.	3729.7	13.991	3132.7

Sample Name: CCB04 Acquired: 2/15/2019 16:54:29 Type: Unk
Method: P4-ICP2(v2866) 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	-.00031	.00178	-.00189	.00161	-.00051	-.01084	-.02074	.00003
Stddev	.00142	.00100	.00080	.00195	.00134	.00369	.00493	.00003
%RSD	458.31	56.263	42.069	121.18	261.51	34.055	23.785	90.616
#1	.00133	.00076	-.00264	.00259	-.00026	-.00794	-.01678	.00006
#2	-.00112	.00181	-.00106	-.00064	-.00195	-.00958	-.01917	.00004
#3	-.00115	.00276	-.00197	.00286	.00069	-.01499	-.02626	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00134	.00005	-.00004	.00015	-.00058	.00001	.04639
Stddev	.00005	.01509	.00024	.00014	.00010	.00018	.00005	.01720
%RSD	423.55	1128.5	518.95	321.03	69.841	30.573	338.99	37.078
#1	-.00006	.00595	.00018	.00002	.00027	-.00071	.00007	.05165
#2	.00005	-.01869	.00019	-.00021	.00006	-.00038	-.00001	.02717
#3	-.00003	.00873	-.00023	.00006	.00012	-.00067	-.00002	.06035
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.00005	.43451	-.00013	.00005	.17936	-.00004	-.00751
Stddev	.00044	.00017	.01170	.00020	.00009	.02293	.00015	.00123
%RSD	50.761	350.61	2.6934	154.23	157.78	12.787	375.17	16.368
#1	.00113	.00010	.44770	-.00003	-.00004	.20249	-.00017	-.00794
#2	.00113	-.00024	.43047	-.00036	.00013	.17896	-.00008	-.00847
#3	.00036	-.00001	.42537	.00000	.00007	.15663	.00012	-.00613
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02742	-.01297	-.00055	-.00097	.00204	.0004	.00014	F 2.2081
Stddev	.01515	.00142	.00010	.00042	.00309	.0006	.00004	.0110
%RSD	55.230	10.976	18.830	43.531	151.73	161.3	29.228	.49884
#1	.02943	-.01445	-.00044	-.00096	.00460	.0000	.00013	2.2039
#2	.01137	-.01161	-.00056	-.00140	.00291	.0011	.00018	2.2206
#3	.04146	-.01284	-.00064	-.00055	-.00140	.0000	.00010	2.1998

Sample Name: CCB04 Acquired: 2/15/2019 16:54:29 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .56324
 Stddev .92354
 %RSD 163.97

#1 .23616
 #2 1.6058
 #3 -.15225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.2	36906.	3712.5	14.893	3478.8
Stddev	5.1	205.	45.0	.450	13.2
%RSD	.16484	.55553	1.2112	3.0198	.37935

#1	3070.5	36732.	3680.5	14.477	3490.1
#2	3067.4	36854.	3693.1	14.832	3482.0
#3	3060.6	37132.	3763.9	15.370	3464.3

Sample Name: PB117113BL Acquired: 2/15/2019 16:58:57 Type: Unk
Method: P4-ICP2(v2866) 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	-.00272	.00072	-.00081	-.00027	.00075	-.01769	-.01791	.00001
Stddev	.00081	.00104	.00114	.00161	.00139	.01592	.00229	.00008
%RSD	29.873	145.21	140.32	591.89	184.52	89.981	12.759	641.39

#1	-.00342	.00103	.00049	.00097	.00234	-.02443	-.01529	.00010
#2	-.00291	.00157	-.00134	-.00209	-.00028	-.02912	-.01898	-.00002
#3	-.00183	-.00045	-.00158	.00030	.00021	.00049	-.01947	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01575	.00046	-.00006	.00025	-.00010	-.00002	.08997
Stddev	.00007	.00271	.00031	.00025	.00009	.00030	.00003	.01580
%RSD	467.75	17.209	66.457	415.06	37.783	296.01	147.60	17.559

#1	.00009	-.01840	.00024	-.00019	.00014	-.00023	.00001	.07554
#2	-.00004	-.01298	.00034	.00023	.00028	-.00031	-.00002	.10685
#3	-.00000	-.01587	.00082	-.00022	.00032	.00024	-.00005	.08753

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	-.00010	.34962	-.00023	-.00016	.15325	-.00001	-.01833
Stddev	.00014	.00030	.00861	.00040	.00005	.07899	.00013	.00484
%RSD	15.766	286.33	2.4635	172.21	33.639	51.543	1386.4	26.432

#1	.00085	-.00043	.35951	-.00069	-.00022	.21685	-.00006	-.01909
#2	.00075	-.00004	.34380	.00006	-.00014	.17808	.00014	-.02275
#3	.00102	.00016	.34554	-.00007	-.00012	.06483	-.00010	-.01315

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04065	-.01415	-.00027	.00021	-.00021	.0003	.00010	F 2.2829
Stddev	.00293	.00088	.00059	.00146	.00430	.0007	.00010	.3550
%RSD	7.2048	6.2175	214.75	696.49	2039.1	211.0	96.721	15.551

#1	.04392	-.01444	-.00095	.00147	.00467	.0008	.00002	2.2402
#2	.03826	-.01485	.00009	-.00139	-.00344	-.0005	.00007	1.9512
#3	.03979	-.01316	.00004	.00054	-.00186	.0007	.00021	2.6574

Sample Name: PB117113BL Acquired: 2/15/2019 16:58:57 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .13680
 Stddev .42190
 %RSD 308.40

#1 .58265
 #2 .08394
 #3 -.25618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.0	36854.	3694.7	16.100	3495.6
Stddev	12.1	40.	23.1	.857	7.5
%RSD	.39431	.10932	.62416	5.3224	.21412

#1	3069.5	36878.	3676.0	16.086	3500.5
#2	3056.7	36877.	3720.5	15.250	3487.0
#3	3080.9	36807.	3687.6	16.964	3499.3

Sample Name: PB117113BS Acquired: 2/15/2019 17:03:25 Type: Unk
Method: P4-ICP2(v2866) 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	.72088	1.8591	.90460	1.8355	.74363	1.7560	.17292
Stddev	.00401	.0064	.00097	.0075	.00269	.0165	.00332
%RSD	.55641	.34225	.10737	.40839	.36222	.94191	1.9179

#1	.72146	1.8519	.90368	1.8302	.74367	1.7381	.17067
#2	.71662	1.8639	.90451	1.8323	.74091	1.7706	.17136
#3	.72458	1.8615	.90561	1.8441	.74630	1.7593	.17673

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18549	.17461	.93985	.36912	.18142	.29327	2.9703
Stddev	.00055	.00028	.02156	.00105	.00084	.00102	.0262
%RSD	.29709	.16160	2.2940	.28383	.46502	.34762	.88277

#1	.18492	.17492	.94912	.37019	.18045	.29418	2.9458
#2	.18552	.17452	.91521	.36907	.18188	.29217	2.9670
#3	.18602	.17438	.95523	.36810	.18194	.29347	2.9980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18890	1.9365	.44630	.06633	3.1110	.27269	.17852
Stddev	.00044	.0531	.00135	.00001	.0171	.00026	.00020
%RSD	.23248	2.7417	.30285	.02227	.54895	.09548	.11249

#1	.18922	1.8769	.44786	.06631	3.0930	.27297	.17849
#2	.18840	1.9540	.44566	.06634	3.1129	.27263	.17834
#3	.18907	1.9787	.44540	.06634	3.1270	.27246	.17874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2216	.38339	.26203	8.3296	.85559	.61874	.19132
Stddev	.0745	.00105	.00722	.0155	.00792	.00357	.00171
%RSD	.80834	.27296	2.7568	.18626	.92557	.57634	.89570

#1	9.1673	.38346	.25636	8.3207	.85316	.62240	.19110
#2	9.3066	.38232	.25956	8.3207	.84918	.61528	.18973
#3	9.1910	.38441	.27016	8.3476	.86444	.61855	.19314

Sample Name: PB117113BS Acquired: 2/15/2019 17:03:25 Type: Unk
 Method: P4-ICP2(v2866) 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	.19246	4.989	.18313	F 2.5135	F<.00000
Stddev	.00133	.013	.00111	.2178	.45376
%RSD	.69251	.2496	.60710	8.6658	7.4520

#1	.19096	4.999	.18189	2.3572	-5.6038
#2	.19288	4.975	.18345	2.7623	-6.5028
#3	.19353	4.993	.18405	2.4209	-6.1609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.0	36543.	3679.2	14.893	3422.1
Stddev	6.4	41.	26.2	.861	8.7
%RSD	.21026	.11205	.71247	5.7804	.25449

#1	3027.9	36500.	3707.8	15.236	3413.2
#2	3037.1	36546.	3673.4	15.530	3422.4
#3	3040.1	36582.	3656.3	13.914	3430.6

Sample Name: PB117113TB Acquired: 2/15/2019 17:07:32 Type: Unk
Method: P4-ICP2(v2866) 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	-.00397	.00003	.00001	-.00114	.00378	-.00776	-.02276	-.00001
Stddev	.00297	.00147	.00056	.00128	.00107	.00780	.00340	.00005
%RSD	75.013	4689.3	7704.8	112.27	28.389	100.46	14.940	311.63
#1	-.00736	.00072	-.00049	-.00191	.00254	.00012	-.02124	-.00001
#2	-.00270	-.00165	.00062	-.00186	.00442	-.00793	-.02666	.00003
#3	-.00183	.00102	-.00010	.00034	.00437	-.01547	-.02039	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01993	.00184	-.00053	-.00011	.00331	.00015	.06467
Stddev	.00009	.00704	.00055	.00009	.00046	.00424	.00002	.03570
%RSD	77.151	35.336	29.700	17.886	407.42	128.09	11.016	55.193
#1	-.00019	.01987	.00247	-.00042	.00042	.00749	.00017	.10566
#2	-.00014	.02700	.00150	-.00060	-.00035	.00342	.00014	.04796
#3	-.00002	.01292	.00155	-.00056	-.00040	-.00098	.00015	.04041
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	.00217	F 275.95	-.00036	.00425	.30026	.00011	-.01528
Stddev	.00015	.00047	2.11	.00046	.00010	.05208	.00068	.00217
%RSD	5.1189	21.833	.76408	127.71	2.3679	17.345	640.81	14.210
#1	.00308	.00177	278.03	.00015	.00427	.34831	-.00045	-.01765
#2	.00304	.00269	273.82	-.00073	.00433	.30756	-.00009	-.01483
#3	.00280	.00205	276.00	-.00051	.00414	.24491	.00086	-.01338
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03636	-.00620	.00162	-.00040	.00459	-.0003	.00012	4.2004
Stddev	.01488	.00036	.00057	.00166	.00167	.0005	.00006	.0505
%RSD	40.925	5.8380	35.138	414.27	36.361	163.6	56.332	1.2010
#1	.05354	-.00648	.00222	.00144	.00270	.0002	.00018	4.2547
#2	.02738	-.00632	.00110	-.00181	.00523	-.0007	.00012	4.1550
#3	.02816	-.00579	.00154	-.00083	.00586	-.0004	.00005	4.1916

Sample Name: PB117113TB Acquired: 2/15/2019 17:07:32 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5779
Stddev	.8022
%RSD	22.421

#1	2.9397
#2	3.3156
#3	4.4785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.6	34046.	3687.5	15.053	3056.7
Stddev	12.5	54.	43.1	.781	12.7
%RSD	.43937	.15844	1.1701	5.1877	.41688

#1	2834.9	34037.	3640.7	15.902	3043.1
#2	2859.9	33998.	3725.7	14.366	3068.3
#3	2847.9	34104.	3696.0	14.891	3058.7

Sample Name: PB117090BL Acquired: 2/15/2019 17:12:09 Type: Unk
Method: P4-ICP2(v2866) 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	-.00084	-.00039	-.00096	.00308	.00184	-.00958	-.02298
Stddev	.00082	.00106	.00040	.00063	.00042	.00228	.00304
%RSD	97.320	274.16	42.023	20.481	22.954	23.764	13.224

#1	-.00164	-.00132	-.00101	.00363	.00229	-.00711	-.02539
#2	-.00089	.00077	-.00053	.00323	.00178	-.01003	-.01956
#3	.00000	-.00061	-.00134	.00239	.00145	-.01159	-.02398

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00008	-.00793	.00020	-.00015	-.00007	-.00024
Stddev	.00002	.00000	.00538	.00024	.00018	.00028	.00116
%RSD	369.62	5.6675	67.846	118.05	122.24	400.92	483.50

#1	-.00002	-.00008	-.01175	.00022	-.00026	.00024	-.00061
#2	.00002	-.00008	-.00178	.00042	.00006	-.00015	.00106
#3	.00001	-.00009	-.01027	-.00005	-.00025	-.00029	-.00117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.06439	.00080	.00009	.45377	-.00018	-.00005
Stddev	.00001	.00966	.00022	.00057	.02432	.00008	.00009
%RSD	58.438	14.997	27.053	628.11	5.3601	43.277	167.68

#1	.00002	.07295	.00065	-.00056	.47869	-.00021	.00002
#2	.00003	.06631	.00105	.00037	.45252	-.00024	-.00015
#3	.00001	.05392	.00069	.00047	.43009	-.00009	-.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17436	.00012	-.01786	F .02619	-.01429	-.00016	-.00150
Stddev	.01496	.00035	.00708	.01077	.00047	.00028	.00056
%RSD	8.5813	281.98	39.654	41.138	3.2756	180.99	37.314

#1	.18944	.00011	-.00999	.01624	-.01467	.00005	-.00212
#2	.17411	-.00022	-.01987	.02469	-.01377	-.00047	-.00135
#3	.15952	.00048	-.02373	.03763	-.01443	-.00005	-.00103

Sample Name: PB117090BL Acquired: 2/15/2019 17:12:09 Type: Unk
Method: P4-ICP2(v2866) 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	.00323	.0003	.00008	F 1.7507	F<.00000
Stddev	.00196	.0007	.00007	.2399	.62843
%RSD	60.787	218.4	87.663	13.704	433.13
#1	.00270	.0007	.00008	2.0093	-.82135
#2	.00541	.0007	.00015	1.5354	.42091
#3	.00159	-.0005	.00001	1.7075	-.03482
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.7	37210.	3726.1	15.279	3509.0
Stddev	10.8	79.	9.6	1.351	9.0
%RSD	.34902	.21311	.25718	8.8431	.25739
#1	3073.4	37147.	3730.1	16.839	3504.9
#2	3094.5	37184.	3715.1	14.525	3519.4
#3	3080.4	37299.	3732.9	14.473	3502.8

Sample Name: PB117090BS Acquired: 2/15/2019 17:21:02 Type: Unk
Method: P4-ICP2(v2866) 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	.80159	1.9186	.97272	2.0295	.81397	1.9689	.18228
Stddev	.00446	.0045	.00269	.0018	.00167	.0142	.00171
%RSD	.55684	.23390	.27640	.08825	.20456	.72248	.93838

#1	.80674	1.9167	.97215	2.0274	.81269	1.9525	.18120
#2	.79893	1.9238	.97036	2.0303	.81337	1.9765	.18425
#3	.79910	1.9154	.97565	2.0307	.81585	1.9777	.18138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20033	.19751	.99829	.40236	.20143	.30181	3.0251
Stddev	.00026	.00042	.01295	.00051	.00088	.00077	.0245
%RSD	.12937	.21194	1.2976	.12723	.43894	.25661	.80996

#1	.20047	.19729	.99551	.40187	.20157	.30163	3.0389
#2	.20050	.19725	1.0124	.40232	.20048	.30115	3.0396
#3	.20004	.19799	.98696	.40289	.20224	.30266	2.9968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19940	2.0510	.49482	.07234	F 268.21	.30448	.20558
Stddev	.00035	.0306	.00095	.00035	.21	.00069	.00048
%RSD	.17364	1.4938	.19204	.48255	.07673	.22653	.23289

#1	.19915	2.0312	.49466	.07228	268.04	.30466	.20506
#2	.19926	2.0356	.49396	.07271	268.15	.30372	.20571
#3	.19979	2.0863	.49584	.07202	268.44	.30506	.20599

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.315	.43355	.28354	F .00938	.88797	.69685	.21089
Stddev	.036	.00111	.00830	.00716	.01015	.00224	.00375
%RSD	.34888	.25584	2.9284	76.277	1.1427	.32191	1.7800

#1	10.282	.43295	.29225	.00766	.89475	.69529	.20668
#2	10.308	.43483	.28264	.00325	.89285	.69585	.21390
#3	10.353	.43288	.27572	.01725	.87630	.69942	.21208

Sample Name: PB117090BS Acquired: 2/15/2019 17:21:02 Type: Unk
Method: P4-ICP2(v2866) 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	.21815	5.791	.19811	F 4.6515	F<.00000
Stddev	.00172	.021	.00062	.1452	.57735
%RSD	.78768	.3580	.31181	3.1204	16.705

#1	.21635	5.777	.19841	4.7630	-3.8438
#2	.21977	5.781	.19853	4.4874	-2.7925
#3	.21834	5.815	.19740	4.7043	-3.7318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.6	34253.	3611.7	14.517	3051.1
Stddev	9.1	29.	33.7	.419	5.2
%RSD	.31900	.08582	.93327	2.8890	.17197

#1	2857.9	34234.	3580.9	14.093	3045.7
#2	2856.8	34238.	3606.6	14.932	3051.4
#3	2873.2	34287.	3647.7	14.527	3056.2

Sample Name: PB117107BL Acquired: 2/15/2019 17:25:17 Type: Unk
Method: P4-ICP2(v2866) 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	-.00102	-.00152	-.00093	-.00051	.00066	-.01062	-.02056	.00004
Stddev	.00158	.00145	.00046	.00069	.00187	.00816	.00437	.00008
%RSD	154.40	95.138	50.187	133.60	284.74	76.794	21.268	185.70
#1	-.00266	-.00284	-.00063	-.00046	.00136	-.01411	-.02165	.00012
#2	-.00090	.00003	-.00146	.00014	-.00146	-.00130	-.01574	-.00003
#3	.00049	-.00177	-.00069	-.00123	.00207	-.01646	-.02428	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01926	.00040	-.00007	.00011	-.00296	.00005	.09128
Stddev	.00010	.00276	.00031	.00015	.00063	.00079	.00005	.03413
%RSD	351.60	14.323	76.502	224.78	585.72	26.534	100.11	37.394
#1	-.00004	-.01790	.00076	.00008	-.00020	-.00387	.00006	.10403
#2	.00014	-.01745	.00021	-.00022	-.00031	-.00258	.00011	.11719
#3	-.00002	-.02244	.00024	-.00006	.00083	-.00245	-.00000	.05260
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00023	.40504	-.00030	-.00009	.12884	-.00008	-.01378
Stddev	.00023	.00009	.02239	.00019	.00006	.02222	.00015	.00787
%RSD	39.674	38.061	5.5268	64.252	70.260	17.244	187.73	57.118
#1	.00081	.00021	.42175	-.00008	-.00016	.11999	-.00015	-.00500
#2	.00034	.00015	.41377	-.00042	-.00003	.11242	.00009	-.01614
#3	.00060	.00032	.37961	-.00039	-.00008	.15412	-.00017	-.02020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01414	-.01600	.00040	.00001	.00258	-.0001	.00007	F 1.9691
Stddev	.00417	.00256	.00029	.00158	.00067	.0009	.00003	.1643
%RSD	29.493	16.014	71.462	10667.	25.935	1431.	37.521	8.3428
#1	.01563	-.01724	.00071	.00109	.00245	-.0006	.00006	2.1515
#2	.01736	-.01305	.00034	.00075	.00331	.0009	.00009	1.8328
#3	.00943	-.01770	.00015	-.00179	.00199	-.0005	.00005	1.9230

Sample Name: PB117107BL Acquired: 2/15/2019 17:25:17 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .63211
Stddev .39511
%RSD 62.507

#1 .17587
#2 .86180
#3 .85865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.2	37023.	3744.1	16.002	3497.6
Stddev	15.1	73.	32.9	1.319	13.4
%RSD	.49181	.19837	.88002	8.2450	.38217

#1	3091.0	37070.	3737.5	17.123	3512.2
#2	3060.8	36938.	3714.9	16.334	3486.0
#3	3073.9	37060.	3779.8	14.548	3494.7

Sample Name: PB117107BS Acquired: 2/15/2019 17:29:43 Type: Unk
Method: P4-ICP2(v2866) 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	.76034	1.9378	.95188	1.8935	.79813	1.9273	.18280
Stddev	.00215	.0090	.00122	.0037	.00160	.0195	.00142
%RSD	.28234	.46275	.12805	.19356	.20049	1.0105	.77571

#1	.76170	1.9481	.95048	1.8955	.79902	1.9339	.18436
#2	.76145	1.9320	.95253	1.8957	.79628	1.9054	.18243
#3	.75787	1.9333	.95264	1.8893	.79909	1.9427	.18160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19053	.18499	1.0247	.40042	.19485	.30789	3.1315
Stddev	.00029	.00017	.0228	.00094	.00024	.00025	.0292
%RSD	.15002	.09150	2.2230	.23426	.12154	.08152	.93343

#1	.19084	.18510	1.0224	.40150	.19512	.30783	3.1211
#2	.19050	.18479	1.0485	.39987	.19473	.30768	3.1646
#3	.19027	.18507	1.0031	.39989	.19470	.30817	3.1090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20352	2.0975	.47829	.06846	3.3037	.29738	.18840
Stddev	.00027	.0277	.00095	.00013	.0016	.00120	.00031
%RSD	.13319	1.3198	.19925	.18679	.04894	.40375	.16402

#1	.20322	2.1248	.47789	.06833	3.3018	.29726	.18874
#2	.20375	2.0695	.47937	.06846	3.3045	.29863	.18816
#3	.20358	2.0981	.47759	.06859	3.3048	.29624	.18828

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9574	.43274	.27413	F .00267	.91380	.66278	.21110
Stddev	.0609	.00074	.00274	.00463	.00459	.00133	.00111
%RSD	.61147	.17110	1.0003	173.74	.50263	.20122	.52551

#1	9.8883	.43329	.27205	-.00015	.91408	.66151	.21104
#2	10.003	.43303	.27310	.00013	.90908	.66417	.21001
#3	9.9808	.43189	.27723	.00801	.91825	.66267	.21223

Sample Name: PB117107BS Acquired: 2/15/2019 17:29:43 Type: Unk
Method: P4-ICP2(v2866) 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	.20849	F 5.162	.20116	F 2.3433	F<.00000
Stddev	.00077	.004	.00011	.3076	.21913
%RSD	.36840	.0683	.05252	13.127	2.9100

#1	.20858	5.165	.20128	2.3980	-7.3622
#2	.20768	5.158	.20107	2.6199	-7.4503
#3	.20921	5.163	.20114	2.0120	-7.7780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.4	36939.	3765.2	15.460	3433.7
Stddev	10.2	168.	23.8	.835	7.7
%RSD	.33498	.45587	.63212	5.4000	.22537

#1	3022.6	36744.	3753.0	14.939	3425.4
#2	3034.9	37031.	3749.9	15.018	3434.8
#3	3042.7	37041.	3792.6	16.423	3440.8

Sample Name: PB117099BL Acquired: 2/15/2019 17:33:49 Type: Unk
Method: P4-ICP2(v2866) 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	-.00090	.00133	-.00108	.00224	.00144	-.01394	-.02151
Stddev	.00204	.00037	.00055	.00366	.00188	.01521	.00294
%RSD	227.11	27.475	50.811	163.18	130.66	109.05	13.643

#1	-.00000	.00091	-.00075	-.00074	.00218	-.02382	-.02238
#2	.00054	.00150	-.00171	.00114	.00285	.00357	-.02392
#3	-.00323	.00158	-.00077	.00633	-.00070	-.02158	-.01824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00004	.00702	.00004	-.00015	.00001	.00069
Stddev	.00009	.00007	.00902	.00056	.00025	.00015	.00049
%RSD	3046.6	163.32	128.39	1403.6	166.58	1441.2	71.406

#1	-.00005	-.00011	.01495	.00040	.00007	-.00012	.00070
#2	-.00005	.00003	.00890	.00033	-.00043	-.00002	.00118
#3	.00011	-.00005	-.00278	-.00061	-.00009	.00017	.00019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.05440	.00037	.00018	.21574	-.00026	.00009
Stddev	.00006	.03775	.00042	.00100	.00713	.00016	.00006
%RSD	375.29	69.404	112.24	542.94	3.3050	60.599	70.445

#1	.00008	.01367	.00071	.00126	.22021	-.00024	.00003
#2	.00003	.06129	-.00009	.00001	.21950	-.00043	.00015
#3	-.00005	.08823	.00050	-.00072	.20752	-.00012	.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11229	-.00004	-.02242	F .01353	-.01231	-.00061	-.00248
Stddev	.03552	.00004	.00784	.01577	.00343	.00033	.00217
%RSD	31.636	84.105	34.946	116.52	27.860	54.186	87.597

#1	.14160	-.00008	-.02807	.01073	-.01596	-.00080	.00002
#2	.12248	-.00001	-.01348	.03051	-.01182	-.00023	-.00350
#3	.07278	-.00003	-.02573	-.00065	-.00915	-.00079	-.00394

Sample Name: PB117099BL Acquired: 2/15/2019 17:33:49 Type: Unk
Method: P4-ICP2(v2866) 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	-.00017	.0008	-.00001	F 1.7677	F<.00000
Stddev	.00019	.0001	.00007	.1786	.46575
%RSD	114.98	16.99	1105.4	10.102	495.47
#1	-.00008	.0008	.00000	1.8047	.14803
#2	-.00039	.0006	.00006	1.9249	-.63093
#3	-.00003	.0009	-.00008	1.5736	.20090
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.7	37009.	3716.6	15.274	3516.0
Stddev	12.1	102.	31.7	1.235	11.2
%RSD	.39016	.27484	.85272	8.0822	.31713
#1	3089.0	36912.	3708.2	15.020	3517.1
#2	3081.2	37115.	3751.6	14.186	3504.3
#3	3104.9	37000.	3689.9	16.616	3526.5

Sample Name: PB117099BS Acquired: 2/15/2019 17:38:15 Type: Unk
Method: P4-ICP2(v2866) 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	.75682	1.9331	.94688	1.8877	.79336	1.8735	.17855
Stddev	.00084	.0025	.00265	.0070	.00489	.0180	.00270
%RSD	.11050	.13070	.27953	.37242	.61622	.95937	1.5135

#1	.75592	1.9358	.94761	1.8902	.79556	1.8568	.17968
#2	.75697	1.9308	.94394	1.8930	.79675	1.8712	.18050
#3	.75758	1.9326	.94908	1.8797	.78775	1.8925	.17546

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19048	.18398	.99888	.39987	.19331	.30516	3.1506
Stddev	.00039	.00014	.01612	.00150	.00026	.00021	.0100
%RSD	.20639	.07350	1.6137	.37485	.13555	.06798	.31590

#1	.19003	.18403	1.0146	.39906	.19353	.30537	3.1494
#2	.19064	.18382	.98240	.40160	.19302	.30516	3.1611
#3	.19076	.18408	.99963	.39895	.19338	.30495	3.1413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20181	2.0463	.47427	.06876	3.2048	.29675	.18482
Stddev	.00035	.0213	.00051	.00072	.0082	.00045	.00012
%RSD	.17538	1.0421	.10855	1.0498	.25466	.15195	.06758

#1	.20140	2.0709	.47483	.06918	3.1955	.29698	.18486
#2	.20200	2.0328	.47416	.06792	3.2105	.29704	.18469
#3	.20203	2.0352	.47382	.06917	3.2085	.29623	.18493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8079	.43037	.27989	F .00625	.89078	.66267	.20792
Stddev	.0145	.00154	.00528	.02223	.01096	.00190	.00172
%RSD	.14808	.35686	1.8865	355.74	1.2301	.28745	.82614

#1	9.7921	.43173	.28528	-.01942	.90059	.66337	.20988
#2	9.8206	.43068	.27473	.01891	.89280	.66051	.20666
#3	9.8110	.42871	.27966	.01926	.87895	.66412	.20723

Sample Name: PB117099BS Acquired: 2/15/2019 17:38:15 Type: Unk
Method: P4-ICP2(v2866) 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	.20430	5.155	.19790	F 2.7891	F<.00000
Stddev	.00284	.008	.00014	.1083	.22595
%RSD	1.3919	.1538	.07027	3.8813	2.9464

#1	.20639	5.164	.19781	2.6647	-7.7946
#2	.20106	5.149	.19782	2.8622	-7.4080
#3	.20545	5.151	.19806	2.8404	-7.8040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3005.6	36512.	3680.6	15.636	3398.8
Stddev	11.7	131.	25.9	.392	11.4
%RSD	.38846	.35780	.70334	2.5054	.33512

#1	2992.1	36365.	3660.8	15.402	3386.6
#2	3013.0	36554.	3671.1	16.089	3409.2
#3	3011.7	36616.	3709.9	15.418	3400.6

Sample Name: PB117090BS Acquired: 2/15/2019 17:42:21 Type: Unk
Method: P4-ICP2(v2866) 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	.74776	1.9201	.93850	1.8638	.78408	1.8490	.17908
Stddev	.00446	.0135	.00634	.0139	.00538	.0208	.00526
%RSD	.59641	.70373	.67515	.74480	.68588	1.1253	2.9346

#1	.74264	1.9045	.93128	1.8481	.77788	1.8432	.18034
#2	.75077	1.9287	.94104	1.8691	.78748	1.8317	.17331
#3	.74987	1.9271	.94316	1.8743	.78687	1.8721	.18359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19019	.18158	1.0054	.39397	.19122	.30351	3.1120
Stddev	.00056	.00112	.0156	.00149	.00165	.00207	.0294
%RSD	.29258	.61736	1.5540	.37903	.86078	.68177	.94323

#1	.18955	.18030	1.0073	.39330	.18932	.30112	3.1386
#2	.19050	.18202	1.0200	.39292	.19229	.30476	3.1170
#3	.19053	.18241	.98891	.39568	.19204	.30464	3.0805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19927	2.0073	.46789	.06865	3.1862	.29182	.18546
Stddev	.00099	.0388	.00426	.00071	.0061	.00195	.00119
%RSD	.49823	1.9342	.91018	1.0413	.19054	.66707	.64245

#1	.19835	1.9955	.46298	.06876	3.1831	.29080	.18409
#2	.19915	1.9758	.47007	.06930	3.1932	.29059	.18605
#3	.20032	2.0507	.47061	.06788	3.1824	.29406	.18625

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7040	.41672	.26640	F 3.1174	.90049	.65104	.20630
Stddev	.0144	.00297	.00688	.0165	.00911	.00461	.00160
%RSD	.14802	.71318	2.5839	.52985	1.0121	.70804	.77343

#1	9.7012	.41331	.27296	3.0998	.90910	.64600	.20513
#2	9.7196	.41810	.25924	3.1198	.90141	.65504	.20812
#3	9.6913	.41876	.26699	3.1325	.89095	.65209	.20567

Sample Name: PB117090BS Acquired: 2/15/2019 17:42:21 Type: Unk
 Method: P4-ICP2(v2866) 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	.20338	5.125	.19546	F 2.9320	F<.00000
Stddev	.00289	.037	.00039	.1167	.36658
%RSD	1.4217	.7174	.20196	3.9806	4.9141

#1	.20490	5.084	.19504	3.0258	-7.8545
#2	.20520	5.153	.19582	2.9690	-7.3950
#3	.20005	5.140	.19553	2.8013	-7.1300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.5	36584.	3690.1	14.284	3442.1
Stddev	19.7	87.	34.3	.171	23.2
%RSD	.64711	.23773	.92951	1.1979	.67304

#1	3063.7	36633.	3660.8	14.407	3456.6
#2	3027.0	36635.	3681.8	14.089	3415.4
#3	3057.8	36483.	3727.8	14.357	3454.4

Sample Name: CCV05 Acquired: 2/15/2019 17:52:32 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1177	5.0190	5.0535	5.0986	5.1457	9.7606	9.8668	.25546
Stddev	.0216	.0352	.0340	.0172	.0260	.1023	.0187	.00110
%RSD	.42214	.70126	.67353	.33735	.50504	1.0485	.18919	.43003
#1	5.1426	5.0594	5.0899	5.1181	5.1748	9.7023	9.8679	.25434
#2	5.1044	4.9948	5.0225	5.0857	5.1247	9.7006	9.8849	.25552
#3	5.1060	5.0029	5.0481	5.0919	5.1377	9.8787	9.8476	.25653
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5127	24.648	.98928	2.5221	1.2686	5.0242	2.4700	24.463
Stddev	.0169	.112	.00207	.0170	.0073	.0176	.0085	.122
%RSD	.67060	.45599	.20925	.67592	.57865	.35096	.34520	.49837
#1	2.5311	24.523	.98825	2.5410	1.2763	5.0093	2.4612	24.344
#2	2.4981	24.741	.98793	2.5080	1.2616	5.0437	2.4707	24.458
#3	2.5088	24.681	.99167	2.5172	1.2679	5.0197	2.4782	24.587
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4859	1.2548	24.711	2.4779	2.5694	24.229	5.2073	4.7515
Stddev	.0121	.0017	.082	.0031	.0159	.053	.0296	.0118
%RSD	.48672	.13272	.33339	.12655	.61823	.21908	.56816	.24865
#1	2.4986	1.2530	24.672	2.4770	2.5868	24.239	5.2408	4.7548
#2	2.4746	1.2552	24.806	2.4753	2.5556	24.277	5.1847	4.7613
#3	2.4846	1.2563	24.656	2.4814	2.5659	24.172	5.1963	4.7384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9683	4.7950	4.8692	5.0440	4.9651	4.995	5.0250	F 4.2025
Stddev	.0333	.0330	.0367	.0054	.0082	.021	.0135	.1424
%RSD	.67090	.68726	.75472	.10670	.16511	.4114	.26826	3.3879
#1	5.0003	4.7652	4.9099	5.0409	4.9690	5.018	5.0255	4.3669
#2	4.9707	4.8304	4.8386	5.0502	4.9706	4.987	5.0383	4.1216
#3	4.9338	4.7895	4.8590	5.0408	4.9556	4.979	5.0113	4.1191

Sample Name: CCV05 Acquired: 2/15/2019 17:52:32 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9780
Stddev .3575
%RSD 18.075

#1 2.1405
#2 1.5681
#3 2.2254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.6	35341.	3714.0	14.442	3088.2
Stddev	17.9	69.	14.2	.561	22.2
%RSD	.61512	.19459	.38365	3.8870	.72032

#1	2892.1	35291.	3709.5	14.562	3063.3
#2	2925.5	35420.	3702.6	13.830	3106.1
#3	2920.1	35313.	3730.0	14.934	3095.3

Sample Name: CCB05 Acquired: 2/15/2019 17:56:31 Type: Unk
Method: P4-ICP2(v2866) 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	-.00184	.00370	-.00012	.00347	.00029	.00208	-.02164
Stddev	.00103	.00121	.00042	.00178	.00139	.00439	.00068
%RSD	56.103	32.833	352.66	51.341	478.57	210.82	3.1292

#1	-.00065	.00508	.00021	.00465	-.00117	-.00028	-.02228
#2	-.00236	.00319	-.00060	.00433	.00160	.00715	-.02093
#3	-.00251	.00282	.00003	.00142	.00043	-.00062	-.02170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00003	-.01497	.00024	-.00008	.00018	-.00046
Stddev	.00007	.00006	.01105	.00012	.00012	.00012	.00107
%RSD	153.11	195.62	73.862	47.934	149.20	64.931	232.73

#1	-.00003	.00004	-.00273	.00019	-.00015	.00016	.00074
#2	.00010	-.00005	-.02424	.00037	.00006	.00031	-.00134
#3	.00007	-.00008	-.01793	.00015	-.00014	.00008	-.00078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.03617	.00079	.00031	.12238	-.00055	-.00011
Stddev	.00005	.06029	.00006	.00027	.01169	.00024	.00011
%RSD	304.14	166.67	8.0916	86.285	9.5564	43.937	101.33

#1	-.00006	.04888	.00086	.00061	.13496	-.00038	-.00005
#2	-.00002	-.02946	.00079	.00024	.11183	-.00083	-.00025
#3	.00004	.08910	.00073	.00009	.12034	-.00045	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10663	.00016	-.00412	F .02459	-.01074	-.00028	-.00056
Stddev	.06204	.00018	.00903	.00697	.00038	.00037	.00046
%RSD	58.187	113.93	219.48	28.328	3.5127	130.54	82.842

#1	.17712	.00036	-.01248	.01668	-.01088	-.00025	-.00029
#2	.08249	.00012	.00546	.02727	-.01031	.00007	-.00110
#3	.06029	.00000	-.00532	.02982	-.01102	-.00067	-.00029

Sample Name: CCB05 Acquired: 2/15/2019 17:56:31 Type: Unk
 Method: P4-ICP2(v2866) 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	.00032	-.0008	.00015	F 2.2176	F<.00000
Stddev	.00223	.0002	.00010	.1409	.14967
%RSD	699.51	20.70	69.309	6.3520	37.665

#1	-.00156	-.0006	.00025	2.3719	-.56012
#2	.00278	-.0008	.00004	2.1849	-.26562
#3	-.00026	-.0009	.00016	2.0959	-.36640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.5	36973.	3725.6	14.777	3475.7
Stddev	6.8	103.	8.8	1.498	4.6
%RSD	.22185	.27958	.23675	10.134	.13224

#1	3054.2	36965.	3716.8	16.343	3479.1
#2	3042.7	36873.	3725.6	14.630	3470.5
#3	3054.5	37080.	3734.4	13.359	3477.5

Sample Name: PB117125BL Acquired: 2/15/2019 18:00:59 Type: Unk
Method: P4-ICP2(v2866) 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	.00042	.00101	-.00110	-.00104	.00136	-.01179	-.01899	.00004
Stddev	.00138	.00137	.00019	.00205	.00047	.00938	.00161	.00004
%RSD	327.93	135.64	17.209	197.66	34.753	79.523	8.4886	95.044
#1	.00045	-.00044	-.00113	.00051	.00082	-.00951	-.02008	.00008
#2	-.00097	.00230	-.00128	-.00027	.00157	-.02210	-.01714	.00003
#3	.00178	.00118	-.00090	-.00335	.00168	-.00377	-.01975	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01701	.00023	-.00019	-.00009	-.00055	-.00000	.02364
Stddev	.00001	.00294	.00016	.00008	.00028	.00157	.00003	.03556
%RSD	64.262	17.297	70.565	43.718	328.75	285.56	637.27	150.43
#1	-.00001	-.01638	.00034	-.00016	-.00023	-.00084	.00002	.06372
#2	-.00001	-.02022	.00004	-.00013	-.00027	.00115	-.00003	-.00412
#3	-.00003	-.01444	.00030	-.00028	.00024	-.00196	-.00001	.01131
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00031	.09789	-.00053	-.00013	.07347	-.00012	-.01184
Stddev	.00025	.00021	.00764	.00059	.00004	.02319	.00006	.00570
%RSD	34.026	68.295	7.8034	111.83	30.591	31.568	55.416	48.125
#1	.00078	.00041	.10126	-.00064	-.00010	.04885	-.00008	-.01841
#2	.00097	.00046	.08914	.00011	-.00017	.07666	-.00019	-.00821
#3	.00047	.00007	.10326	-.00105	-.00011	.09490	-.00008	-.00890
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01411	-.01336	-.00082	.00082	-.00156	.0008	.00014	F 2.2836
Stddev	.01136	.00077	.00020	.00381	.00221	.0008	.00005	.1798
%RSD	80.553	5.7266	24.271	462.96	141.40	94.30	32.095	7.8722
#1	.02668	-.01380	-.00061	-.00346	-.00400	.0017	.00009	2.3830
#2	.01107	-.01381	-.00100	.00384	.00029	.0003	.00018	2.0761
#3	.00457	-.01248	-.00086	.00209	-.00097	.0005	.00015	2.3918

Sample Name: PB117125BL Acquired: 2/15/2019 18:00:59 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .64253
Stddev	.93835
%RSD	146.04

#1	-.42599
#2	1.3324
#3	1.0212

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.7	36950.	3692.5	15.532	3479.0
Stddev	3.6	115.	25.7	.572	10.6
%RSD	.11611	.31013	.69532	3.6799	.30518

#1	3056.3	36830.	3663.1	15.891	3467.2
#2	3063.4	37058.	3703.6	14.873	3487.7
#3	3059.4	36962.	3710.8	15.832	3482.2

Sample Name: PB117125BS Acquired: 2/15/2019 18:05:27 Type: Unk
Method: P4-ICP2(v2866) 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	.77101	1.9987	.97421	1.9569	.79760	1.8712	.18583
Stddev	.00060	.0071	.00168	.0025	.00056	.0196	.00265
%RSD	.07756	.35527	.17195	.12799	.07075	1.0455	1.4259

#1	.77126	2.0056	.97252	1.9540	.79808	1.8487	.18757
#2	.77145	1.9991	.97587	1.9585	.79775	1.8811	.18278
#3	.77033	1.9914	.97423	1.9582	.79698	1.8839	.18713

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19973	.18837	1.0252	.39625	.19532	.31466	3.2158
Stddev	.00030	.00031	.0093	.00093	.00015	.00059	.0203
%RSD	.14799	.16416	.91109	.23359	.07767	.18879	.62988

#1	.19939	.18812	1.0360	.39650	.19515	.31405	3.2104
#2	.19982	.18872	1.0189	.39703	.19544	.31524	3.2381
#3	.19996	.18828	1.0208	.39523	.19537	.31469	3.1987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20139	2.0730	.48074	.07090	3.1507	.29336	.19366
Stddev	.00113	.0489	.00055	.00044	.0066	.00039	.00041
%RSD	.56240	2.3583	.11369	.62163	.21067	.13210	.21267

#1	.20243	2.0894	.48059	.07113	3.1565	.29381	.19335
#2	.20018	2.0180	.48135	.07040	3.1522	.29318	.19412
#3	.20156	2.1115	.48028	.07118	3.1434	.29310	.19349

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7884	.41330	.28328	8.9957	.91393	.67031	.20290
Stddev	.0830	.00064	.00195	.0028	.01084	.00168	.00439
%RSD	.84810	.15391	.68789	.03134	1.1862	.25104	2.1618

#1	9.7103	.41259	.28148	8.9949	.91876	.67225	.20158
#2	9.8756	.41381	.28301	8.9988	.92151	.66942	.20779
#3	9.7793	.41351	.28535	8.9933	.90151	.66926	.19932

Sample Name: PB117125BS Acquired: 2/15/2019 18:05:27 Type: Unk
Method: P4-ICP2(v2866) 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	.20610	F 5.367	.19668	F 3.1780	F<.00000
Stddev	.00228	.010	.00067	.0966	.52693
%RSD	1.1070	.1815	.34145	3.0409	7.6527

#1	.20464	5.374	.19638	3.1713	-6.4136
#2	.20873	5.372	.19745	3.2777	-7.4541
#3	.20494	5.356	.19621	3.0848	-6.7890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.5	36736.	3681.4	13.655	3437.7
Stddev	13.9	106.	22.6	1.596	9.5
%RSD	.45469	.28910	.61412	11.691	.27534

#1	3075.6	36614.	3671.5	12.859	3448.4
#2	3051.6	36808.	3665.4	12.614	3430.4
#3	3051.4	36786.	3707.3	15.493	3434.2

Sample Name: PB117126BL Acquired: 2/15/2019 18:09:34 Type: Unk
Method: P4-ICP2(v2866) 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	.00087	-.00028	-.00031	.00169	.00156	-.01384	-.01970	.00006
Stddev	.00194	.00070	.00028	.00013	.00143	.01168	.00306	.00009
%RSD	224.04	244.88	90.485	7.8779	91.757	84.413	15.515	162.83
#1	.00054	-.00056	-.00038	.00170	.00089	-.01351	-.02237	.00016
#2	-.00089	-.00080	-.00000	.00182	.00319	-.00233	-.01637	-.00000
#3	.00295	.00051	-.00056	.00155	.00058	-.02568	-.02036	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01294	.00003	-.00004	.00044	-.00129	.00004	.05465
Stddev	.00009	.01145	.00029	.00011	.00023	.00242	.00004	.05873
%RSD	281.56	88.507	944.40	269.89	52.073	187.59	126.89	107.47
#1	.00006	.01586	-.00029	-.00005	.00067	-.00407	-.00001	.02647
#2	-.00007	.02263	.00028	-.00014	.00021	-.00016	.00003	.12216
#3	.00010	.00031	.00011	.00007	.00044	.00036	.00008	.01532
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00014	.08848	-.00039	-.00015	.05849	-.00007	-.01252
Stddev	.00017	.00008	.00597	.00023	.00003	.04188	.00005	.00290
%RSD	23.978	58.551	6.7434	58.345	18.258	71.595	64.243	23.123
#1	.00062	.00016	.08285	-.00028	-.00012	.07597	-.00013	-.01097
#2	.00061	.00022	.09473	-.00065	-.00017	.01071	-.00007	-.01073
#3	.00091	.00005	.08785	-.00024	-.00015	.08879	-.00003	-.01586
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02905	-.01321	-.00044	-.00172	-.00133	.0005	.00007	F 2.8209
Stddev	.00890	.00102	.00021	.00093	.00281	.0007	.00010	.1048
%RSD	30.618	7.7535	48.578	54.098	210.74	143.9	154.88	3.7165
#1	.03317	-.01241	-.00019	-.00236	-.00445	.0013	-.00000	2.7024
#2	.01885	-.01436	-.00054	-.00214	.00099	.0000	.00001	2.8587
#3	.03515	-.01287	-.00057	-.00065	-.00053	.0001	.00018	2.9016

Sample Name: PB117126BL Acquired: 2/15/2019 18:09:34 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .98854
Stddev	.44897
%RSD	45.417

#1	.89490
#2	1.4769
#3	.59377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3063.7	37086.	3702.9	14.405	3495.8
Stddev	16.2	8.	19.8	1.559	17.3
%RSD	.52875	.02161	.53388	10.824	.49392

#1	3056.4	37090.	3694.5	12.605	3490.0
#2	3052.4	37090.	3688.7	15.277	3482.2
#3	3082.2	37076.	3725.4	15.332	3515.2

Sample Name: PB117126BS Acquired: 2/15/2019 18:14:02 Type: Unk
Method: P4-ICP2(v2866) 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	.75013	1.9167	.93910	1.8587	.78291	1.8478	.17647
Stddev	.00168	.0060	.00349	.0018	.00547	.0206	.00230
%RSD	.22434	.31379	.37175	.09743	.69906	1.1155	1.3036

#1	.75206	1.9236	.93575	1.8608	.78545	1.8418	.17882
#2	.74903	1.9129	.94272	1.8578	.78666	1.8707	.17422
#3	.74929	1.9135	.93883	1.8575	.77663	1.8309	.17638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19232	.18185	1.0065	.39590	.19161	.30197	3.1669
Stddev	.00172	.00019	.0210	.00322	.00029	.00060	.0255
%RSD	.89534	.10255	2.0871	.81450	.15009	.20006	.80661

#1	.19291	.18180	1.0307	.39786	.19188	.30214	3.1962
#2	.19367	.18206	.99604	.39767	.19164	.30246	3.1497
#3	.19038	.18170	.99286	.39218	.19131	.30129	3.1548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19902	2.0535	.46860	.06941	3.1340	.29363	.18525
Stddev	.00207	.0321	.00188	.00046	.0132	.00163	.00015
%RSD	1.0418	1.5626	.40176	.66588	.42195	.55562	.08287

#1	.20002	2.0294	.46991	.06911	3.1493	.29408	.18520
#2	.20041	2.0899	.46945	.06994	3.1255	.29500	.18543
#3	.19664	2.0410	.46644	.06918	3.1273	.29183	.18514

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6063	.41870	.28667	F 3.2275	.90199	.65180	.20664
Stddev	.0499	.00070	.00601	.0231	.01141	.00120	.00316
%RSD	.51954	.16800	2.0978	.71705	1.2650	.18338	1.5278

#1	9.6531	.41951	.28194	3.2011	.91303	.65308	.20300
#2	9.5538	.41831	.29344	3.2440	.89024	.65161	.20854
#3	9.6121	.41828	.28464	3.2375	.90271	.65071	.20839

Sample Name: PB117126BS Acquired: 2/15/2019 18:14:02 Type: Unk
Method: P4-ICP2(v2866) 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	.20378	5.110	.19625	F 3.4067	F<.00000
Stddev	.00346	.008	.00096	.2512	.37957
%RSD	1.6997	.1563	.48856	7.3730	5.4101

#1	.20736	5.119	.19715	3.2688	-6.6497
#2	.20045	5.110	.19525	3.6966	-6.9906
#3	.20354	5.103	.19636	3.2547	-7.4076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.9	36848.	3704.1	15.170	3452.5
Stddev	19.0	342.	31.7	.584	24.8
%RSD	.62194	.92947	.85476	3.8493	.71760

#1	3040.4	36688.	3668.9	15.511	3431.4
#2	3055.2	36615.	3713.1	14.495	3446.2
#3	3078.1	37241.	3730.3	15.502	3479.8

Sample Name: PB117153BL Acquired: 2/15/2019 18:18:07 Type: Unk
Method: P4-ICP2(v2866) 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	-.00218	-.00009	-.00009	.00043	.00127	-.01359	-.01808	-.00002
Stddev	.00105	.00057	.00085	.00119	.00013	.00654	.00231	.00003
%RSD	48.267	640.38	966.74	278.96	10.447	48.137	12.795	129.31
#1	-.00105	-.00009	-.00000	-.00088	.00112	-.01749	-.02037	.00001
#2	-.00234	.00048	-.00097	.00071	.00136	-.00604	-.01575	-.00005
#3	-.00313	-.00066	.00071	.00145	.00134	-.01723	-.01813	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00382	.00042	-.00041	.00004	-.00056	-.00002	.07634
Stddev	.00010	.01841	.00032	.00017	.00018	.00167	.00002	.03433
%RSD	364.70	482.29	76.082	41.094	418.87	301.15	89.206	44.964
#1	.00014	.01385	.00024	-.00060	-.00017	.00121	-.00004	.08250
#2	.00001	-.02288	.00023	-.00031	.00012	-.00212	-.00000	.10717
#3	-.00006	-.00242	.00080	-.00031	.00018	-.00076	-.00002	.03935
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00011	.08337	-.00052	-.00009	.07715	-.00021	-.01602
Stddev	.00034	.00024	.00713	.00027	.00012	.06306	.00010	.01052
%RSD	79.868	215.22	8.5563	51.591	133.13	81.739	47.387	65.695
#1	.00082	.00029	.08669	-.00049	-.00018	.14736	-.00010	-.00751
#2	.00023	-.00016	.08824	-.00080	-.00015	.05876	-.00024	-.01276
#3	.00023	.00021	.07518	-.00027	.00005	.02533	-.00029	-.02778
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01671	-.01356	-.00022	.00088	-.00136	-.0002	.00006	F 3.2750
Stddev	.01527	.00089	.00028	.00130	.00320	.0008	.00006	.4316
%RSD	91.366	6.5940	128.77	147.96	235.75	344.7	111.32	13.179
#1	-.00068	-.01455	-.00053	-.00044	.00185	.0000	.00002	3.5596
#2	.02292	-.01332	-.00009	.00091	-.00136	.0004	.00013	3.4871
#3	.02789	-.01280	-.00002	.00216	-.00455	-.0011	.00002	2.7784

Sample Name: PB117153BL Acquired: 2/15/2019 18:18:07 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .08842
Stddev .42787
%RSD 483.90

#1 .58237
#2 -.14910
#3 -.16800

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.6	37446.	3753.4	13.840	3505.1
Stddev	14.1	74.	42.8	.769	16.2
%RSD	.45853	.19662	1.1401	5.5568	.46121

#1	3097.9	37403.	3724.2	13.905	3523.5
#2	3074.0	37403.	3733.4	13.041	3493.3
#3	3072.9	37531.	3802.5	14.575	3498.4

Sample Name: PB117153BS Acquired: 2/15/2019 18:22:34 Type: Unk
Method: P4-ICP2(v2866) 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	.79804	2.0578	1.0066	2.0190	.81468	1.8867	.18767
Stddev	.00330	.0006	.0010	.0010	.00244	.0213	.00280
%RSD	.41341	.03000	.10125	.04981	.29931	1.1284	1.4900

#1	.79463	2.0575	1.0064	2.0197	.81192	1.8682	.18483
#2	.80121	2.0585	1.0057	2.0179	.81555	1.9100	.18775
#3	.79828	2.0574	1.0077	2.0195	.81656	1.8818	.19043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20649	.19707	1.0406	.40833	.20240	.31852	3.2948
Stddev	.00022	.00041	.0253	.00042	.00019	.00129	.0258
%RSD	.10483	.20677	2.4350	.10208	.09184	.40402	.78228

#1	.20657	.19686	1.0339	.40822	.20228	.31837	3.3163
#2	.20624	.19680	1.0192	.40797	.20231	.31987	3.2662
#3	.20666	.19754	1.0686	.40879	.20262	.31731	3.3018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20384	2.1421	.49625	.07301	3.2017	.30214	.19856
Stddev	.00072	.0536	.00067	.00094	.0187	.00120	.00020
%RSD	.35390	2.5009	.13474	1.2888	.58308	.39831	.10010

#1	.20464	2.1846	.49548	.07211	3.1807	.30291	.19866
#2	.20324	2.1597	.49665	.07293	3.2082	.30075	.19868
#3	.20364	2.0819	.49662	.07398	3.2163	.30276	.19833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7158	.43211	.28333	F .00822	.93204	.69105	.20880
Stddev	.0469	.00050	.00595	.00979	.01311	.00137	.00617
%RSD	.48218	.11590	2.1008	119.09	1.4065	.19755	2.9553

#1	9.7352	.43176	.27777	.01044	.94284	.69133	.20168
#2	9.6624	.43189	.28260	-.00249	.91745	.69226	.21225
#3	9.7499	.43269	.28961	.01672	.93582	.68957	.21247

Sample Name: PB117153BS Acquired: 2/15/2019 18:22:34 Type: Unk
 Method: P4-ICP2(v2866) 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	.20741	5.512	.20164	F 4.4214	F<.00000
Stddev	.00465	.009	.00077	.1995	.43308
%RSD	2.2414	.1604	.38227	4.5120	5.9884

#1	.20414	5.522	.20084	4.2375	-7.7024
#2	.21274	5.505	.20169	4.6335	-7.1435
#3	.20536	5.510	.20238	4.3933	-6.8499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.3	37133.	3731.0	16.008	3409.2
Stddev	10.7	34.	34.9	1.393	9.2
%RSD	.35269	.09175	.93656	8.6997	.27033

#1	3044.6	37148.	3710.5	15.459	3406.8
#2	3038.1	37156.	3771.3	14.973	3401.4
#3	3059.1	37093.	3711.1	17.591	3419.3

Sample Name: PB117153TB Acquired: 2/15/2019 18:26:39 Type: Unk
Method: P4-ICP2(v2866) 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	-.00357	-.00210	.00030	.00655	.00333	-.01017	-.02732	-.00004
Stddev	.00054	.00171	.00088	.00149	.00164	.00869	.00210	.00005
%RSD	14.983	81.241	291.40	22.727	49.402	85.426	7.6946	123.72
#1	-.00405	-.00285	.00118	.00675	.00262	-.01893	-.02490	-.00010
#2	-.00299	-.00015	.00029	.00497	.00521	-.00156	-.02833	-.00004
#3	-.00368	-.00331	-.00057	.00793	.00216	-.01002	-.02872	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01750	.00115	-.00017	.00024	.00120	.00005	.05272
Stddev	.00003	.01245	.00037	.00020	.00008	.00170	.00001	.02988
%RSD	26.696	71.117	31.975	114.95	33.394	141.38	20.736	56.683
#1	-.00014	-.01513	.00122	-.00037	.00032	.00241	.00004	.04037
#2	-.00009	-.00641	.00075	.00002	.00016	-.00074	.00004	.03099
#3	-.00009	-.03096	.00148	-.00017	.00023	.00195	.00006	.08680
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	.00216	F 293.31	-.00059	.00085	.22517	.00017	-.02023
Stddev	.00007	.00079	1.34	.00061	.00004	.03376	.00014	.00785
%RSD	2.7759	36.609	.45609	102.99	4.2677	14.995	79.224	38.814
#1	.00246	.00127	292.38	-.00030	.00088	.19119	.00033	-.02354
#2	.00238	.00279	292.70	-.00129	.00081	.25871	.00010	-.02589
#3	.00233	.00241	294.84	-.00018	.00086	.22561	.00009	-.01127
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01370	-.00781	.00148	-.00055	.00516	-.0009	.00012	5.8315
Stddev	.00372	.00216	.00048	.00209	.00271	.0006	.00006	.0370
%RSD	27.146	27.627	32.324	379.75	52.386	69.08	52.080	.63494
#1	.01125	-.00598	.00203	-.00034	.00415	-.0002	.00020	5.8728
#2	.01799	-.01019	.00126	.00143	.00311	-.0012	.00008	5.8201
#3	.01188	-.00725	.00116	-.00275	.00823	-.0012	.00009	5.8014

Sample Name: PB117153TB Acquired: 2/15/2019 18:26:39 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2834
Stddev	.4308
%RSD	10.057

#1	4.4522
#2	4.6042
#3	3.7937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2891.5	34735.	3734.7	15.339	3091.2
Stddev	19.2	88.	12.6	.633	22.6
%RSD	.66473	.25400	.33756	4.1285	.73249

#1	2873.6	34643.	3732.7	16.050	3067.2
#2	2889.1	34744.	3748.2	15.130	3094.0
#3	2911.8	34819.	3723.3	14.836	3112.2

Sample Name: K1404-02 Acquired: 2/15/2019 18:31:15 Type: Unk
Method: P4-ICP2(v2866) 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	-.00184	-.09782	.11337	.00517	-.02387	205.88	1.1288
Stddev	.00053	.00340	.00088	.00122	.00093	.63	.0016
%RSD	28.667	3.4743	.77881	23.514	3.8805	.30632	.13845

#1	-.00158	-.09943	.11262	.00427	-.02393	205.16	1.1280
#2	-.00244	-.10012	.11313	.00655	-.02291	206.12	1.1307
#3	-.00148	-.09392	.11434	.00469	-.02476	206.35	1.1279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02059	.02700	17.322	.00491	.12042	.06979	139.64
Stddev	.00009	.00017	.027	.00017	.00065	.00058	.61
%RSD	.42322	.61266	.15318	3.5164	.54117	.82731	.43883

#1	.02062	.02688	17.329	.00506	.11989	.06913	140.24
#2	.02049	.02719	17.343	.00495	.12115	.07012	139.01
#3	.02065	.02692	17.292	.00472	.12023	.07014	139.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1000	9.3036	-.00651	-.01921	.60672	.01962	1.3877
Stddev	.0106	.0389	.00101	.00013	.00461	.00016	.0038
%RSD	.14892	.41818	15.539	.68798	.76008	.82448	.27371

#1	7.1121	9.3456	-.00663	-.01914	.61204	.01966	1.3902
#2	7.0951	9.2687	-.00544	-.01914	.60379	.01944	1.3896
#3	7.0927	9.2965	-.00745	-.01937	.60434	.01975	1.3833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8307	.00641	.03611	1.3110	8.3180	.03880	1.9181
Stddev	.0266	.00014	.00218	.0463	.0284	.00076	.0023
%RSD	.30161	2.2585	6.0485	3.5344	.34109	1.9653	.12064

#1	8.8446	.00658	.03850	1.2830	8.3493	.03905	1.9156
#2	8.8475	.00632	.03422	1.3645	8.3106	.03794	1.9185
#3	8.8000	.00633	.03561	1.2855	8.2941	.03939	1.9202

Sample Name: K1404-02 Acquired: 2/15/2019 18:31:15 Type: Unk
Method: P4-ICP2(v2866) 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	.01443	F 12.45	.03205	<.00000	F<.00000
Stddev	.00030	.04	.00074	.57591	3.1316
%RSD	2.0660	.3081	2.3166	1.2424	.42753
#1	.01477	12.49	.03139	-45.818	-730.50
#2	.01419	12.45	.03285	-46.963	-736.09
#3	.01434	12.41	.03192	-46.285	-730.84
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8932.6	107440.	11802.	14.501	2809.8
Stddev	15.9	307.	64.	.571	12.3
%RSD	.17792	.28602	.54464	3.9350	.43791
#1	8937.6	107210.	11729.	14.943	2806.1
#2	8914.8	107790.	11846.	14.703	2799.7
#3	8945.3	107320.	11833.	13.857	2823.5

Sample Name: K1404-02DUP Acquired: 2/15/2019 18:35:48 Type: Unk
Method: P4-ICP2(v2866) 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	.00165	-.10435	.11096	.00299	-.02297	206.64	1.0942
Stddev	.00185	.00196	.00371	.00190	.00075	1.91	.0003
%RSD	112.22	1.8776	3.3446	63.483	3.2850	.92507	.02380

#1	.00357	-.10660	.10742	.00517	-.02322	204.45	1.0941
#2	-.00013	-.10342	.11482	.00188	-.02357	207.53	1.0945
#3	.00152	-.10303	.11065	.00190	-.02212	207.95	1.0941

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02058	.02596	17.076	.00504	.11306	.06943	140.64
Stddev	.00019	.00010	.009	.00047	.00029	.00067	1.61
%RSD	.93572	.39753	.05163	9.3345	.25712	.96938	1.1482

#1	.02052	.02602	17.066	.00504	.11300	.06891	142.15
#2	.02080	.02584	17.084	.00458	.11338	.06920	140.82
#3	.02042	.02601	17.076	.00552	.11281	.07019	138.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4806	9.7143	-.00651	-.01954	.56930	.02153	1.3693
Stddev	.0341	.0541	.00032	.00040	.00434	.00004	.0019
%RSD	.52614	.55721	4.9482	2.0655	.76238	.20397	.13834

#1	6.4480	9.6654	-.00637	-.01908	.56454	.02148	1.3714
#2	6.5160	9.7725	-.00687	-.01974	.57031	.02156	1.3686
#3	6.4777	9.7050	-.00628	-.01981	.57305	.02154	1.3679

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2016	.00658	.03523	1.3165	8.5291	.03889	1.9203
Stddev	.0149	.00005	.00504	.0261	.0639	.00145	.0087
%RSD	.16156	.70825	14.296	1.9833	.74864	3.7263	.45217

#1	9.1861	.00660	.04048	1.3178	8.5941	.03911	1.9105
#2	9.2157	.00661	.03044	1.2897	8.5268	.04021	1.9231
#3	9.2032	.00652	.03476	1.3419	8.4665	.03734	1.9271

Sample Name: K1404-02DUP Acquired: 2/15/2019 18:35:48 Type: Unk
Method: P4-ICP2(v2866) 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	.01509	F 12.22	.02647	<.00000	F<.00000
Stddev	.00018	.02	.00188	.38944	2.5565
%RSD	1.1619	.1949	7.0965	.83609	.34944
#1	.01529	12.24	.02475	-46.163	-733.21
#2	.01502	12.20	.02618	-46.936	-728.65
#3	.01496	12.21	.02847	-46.635	-732.93
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8875.8	106540.	11681.	15.093	2831.5
Stddev	19.5	214.	111.	1.384	6.9
%RSD	.21916	.20112	.94791	9.1668	.24525
#1	8860.3	106500.	11566.	15.084	2824.3
#2	8869.4	106340.	11689.	13.715	2832.0
#3	8897.6	106770.	11787.	16.482	2838.2

Sample Name: K1404-02LX5 Acquired: 2/15/2019 18:47:11 Type: Unk
Method: P4-ICP2(v2866) 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	.00054	-.02048	.00830	.01016	-.00965	85.775	.47843
Stddev	.00037	.00100	.00078	.00242	.00100	.360	.00537
%RSD	68.336	4.8821	9.4109	23.850	10.412	.41935	1.1220

#1	.00094	-.01938	.00802	.00870	-.01056	85.427	.48164
#2	.00021	-.02133	.00770	.00881	-.00982	85.752	.48141
#3	.00047	-.02072	.00918	.01295	-.00857	86.146	.47223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	-.00237	7.6050	-.00017	.02193	.02893	83.912
Stddev	.00008	.00010	.0555	.00013	.00024	.00030	.689
%RSD	.89222	4.0236	.73029	72.498	1.0909	1.0355	.82161

#1	.00850	-.00246	7.6201	-.00031	.02220	.02923	84.579
#2	.00864	-.00239	7.6514	-.00006	.02184	.02863	83.956
#3	.00851	-.00227	7.5435	-.00015	.02174	.02894	83.202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2944	4.3700	-.00385	-.00577	.30190	.00943	.24106
Stddev	.0080	.0341	.00020	.00017	.00301	.00028	.00034
%RSD	.24377	.78028	5.2273	3.0206	.99591	3.0068	.14171

#1	3.2931	4.3954	-.00408	-.00597	.30381	.00947	.24131
#2	3.2870	4.3834	-.00370	-.00571	.29844	.00968	.24067
#3	3.3029	4.3313	-.00378	-.00564	.30345	.00912	.24119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9402	.00298	.03945	.26122	3.8962	.00724	.84572
Stddev	.0244	.00027	.00745	.01479	.0299	.00110	.00362
%RSD	.61852	8.9336	18.884	5.6601	.76747	15.228	.42827

#1	3.9578	.00268	.03085	.24487	3.9307	.00600	.84451
#2	3.9504	.00320	.04381	.26516	3.8783	.00810	.84285
#3	3.9124	.00304	.04370	.27364	3.8796	.00764	.84979

Sample Name: K1404-02LX5 Acquired: 2/15/2019 18:47:11 Type: Unk
 Method: P4-ICP2(v2866) 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	.00623	2.330	-.01029	<.00000	F<.00000
Stddev	.00203	.001	.00082	.46650	2.0605
%RSD	32.597	.0550	7.9792	6.9820	1.4438

#1	.00801	2.331	-.01089	-6.1545	-140.43
#2	.00666	2.329	-.01063	-6.8482	-144.44
#3	.00402	2.329	-.00935	-7.0417	-143.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4332.6	51969.	5406.9	15.101	3262.7
Stddev	11.2	129.	46.7	1.239	5.1
%RSD	.25843	.24781	.86325	8.2019	.15607

#1	4320.4	51951.	5357.8	15.102	3259.3
#2	4335.1	52106.	5412.0	16.340	3260.2
#3	4342.3	51850.	5450.8	13.862	3268.5

Sample Name: CCV06 Acquired: 2/15/2019 18:51:37 Type: Unk
Method: P4-ICP2(v2866) 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	4.9298	4.8884	4.9423	4.8963	4.9582	9.3627	9.7087	.25378
Stddev	.0207	.0205	.0197	.0262	.0177	.0479	.0535	.00037
%RSD	.42035	.42045	.39888	.53437	.35627	.51153	.55092	.14671
#1	4.9088	4.8652	4.9196	4.8670	4.9412	9.3852	9.6482	.25335
#2	4.9304	4.8957	4.9522	4.9043	4.9571	9.3952	9.7281	.25393
#3	4.9503	4.9042	4.9551	4.9175	4.9764	9.3077	9.7497	.25405
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4652	24.552	.97976	2.4688	1.2294	5.0652	2.4209	24.509
Stddev	.0098	.130	.00369	.0126	.0054	.0465	.0033	.061
%RSD	.39849	.52751	.37683	.51174	.44122	.91766	.13498	.24937
#1	2.4541	24.403	.97682	2.4543	1.2231	5.0471	2.4176	24.468
#2	2.4729	24.611	.97854	2.4750	1.2325	5.0304	2.4241	24.480
#3	2.4684	24.641	.98390	2.4772	1.2325	5.1180	2.4211	24.579
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4333	1.2310	24.394	2.4508	2.4924	23.440	5.0820	4.6393
Stddev	.0143	.0020	.161	.0029	.0097	.082	.0204	.0130
%RSD	.58846	.16411	.65986	.11701	.38763	.34843	.40052	.28108
#1	2.4179	1.2309	24.209	2.4476	2.4813	23.351	5.0609	4.6480
#2	2.4462	1.2291	24.474	2.4518	2.4984	23.512	5.0836	4.6457
#3	2.4359	1.2331	24.499	2.4531	2.4977	23.455	5.1015	4.6243
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7879	4.8450	4.7692	4.9610	4.8445	4.812	4.9496	4.5480
Stddev	.0420	.0440	.0187	.0180	.0173	.005	.0257	.1067
%RSD	.87775	.90779	.39134	.36252	.35747	.1124	.51948	2.3465
#1	4.7484	4.7954	4.7478	4.9450	4.8248	4.819	4.9212	4.5496
#2	4.7834	4.8603	4.7776	4.9575	4.8574	4.809	4.9563	4.4405
#3	4.8321	4.8794	4.7821	4.9805	4.8513	4.810	4.9713	4.6539

Sample Name: CCV06 Acquired: 2/15/2019 18:51:37 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3718
Stddev .9203
%RSD 38.800

#1 3.2346
#2 2.4775
#3 1.4032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.4	35999.	3719.9	13.159	3176.0
Stddev	13.7	126.	17.2	.375	15.1
%RSD	.45642	.35035	.46162	2.8519	.47687

#1	3019.0	36052.	3738.7	12.770	3193.5
#2	2997.6	35855.	3716.0	13.188	3167.3
#3	2993.5	36090.	3705.0	13.518	3167.2

Sample Name: CCB06 Acquired: 2/15/2019 18:55:36 Type: Unk
Method: P4-ICP2(v2866) 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	-.00208	.00354	-.00044	-.00111	.00028	-.00866	-.02070	.00001
Stddev	.00061	.00065	.00034	.00199	.00085	.01146	.00441	.00006
%RSD	29.601	18.282	77.636	179.47	302.72	132.35	21.281	636.05
#1	-.00232	.00313	-.00056	-.00035	-.00048	.00346	-.02543	.00006
#2	-.00253	.00320	-.00005	.00039	.00120	-.01012	-.01671	-.00006
#3	-.00138	.00428	-.00070	-.00336	.00013	-.01931	-.01996	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.01563	.00031	-.00010	.00028	-.00059	.00012	.03486
Stddev	.00002	.00793	.00035	.00024	.00009	.00337	.00007	.01673
%RSD	22.020	50.769	113.13	249.18	33.196	571.36	59.395	48.009
#1	.00010	-.02160	.00058	-.00013	.00029	.00216	.00018	.04920
#2	.00008	-.01865	-.00009	-.00032	.00018	-.00435	.00004	.01647
#3	.00006	-.00663	.00044	.00016	.00037	.00042	.00014	.03890
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00030	.06371	-.00034	.00001	.05653	.00021	-.01149
Stddev	.00002	.00032	.00707	.00057	.00011	.03822	.00041	.01163
%RSD	2.7746	107.72	11.098	168.04	1855.4	67.614	196.69	101.15
#1	.00070	.00028	.05985	-.00068	.00012	.09796	.00069	-.02469
#2	.00073	.00062	.07187	.00032	-.00000	.02265	-.00002	-.00276
#3	.00070	-.00002	.05942	-.00066	-.00010	.04896	-.00004	-.00703
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01383	-.01229	-.00021	.00018	-.00068	.0011	.00014	F 3.0768
Stddev	.00917	.00222	.00012	.00201	.00086	.0006	.00008	.1327
%RSD	66.317	18.052	57.517	1093.0	125.63	55.26	53.438	4.3127
#1	.02098	-.00973	-.00035	-.00153	.00002	.0004	.00023	3.2271
#2	.01703	-.01373	-.00015	.00239	-.00042	.0011	.00008	3.0272
#3	.00349	-.01340	-.00014	-.00031	-.00164	.0016	.00012	2.9760

Sample Name: CCB06 Acquired: 2/15/2019 18:55:36 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .93395
Stddev	.54977
%RSD	58.865

#1	1.4691
#2	.96216
#3	.37062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.6	37963.	3729.6	15.086	3563.8
Stddev	3.5	100.	10.8	.919	8.9
%RSD	.11143	.26454	.28876	6.0941	.25041

#1	3134.6	37970.	3741.9	16.011	3569.9
#2	3129.7	37859.	3722.0	14.173	3553.6
#3	3136.5	38059.	3724.8	15.075	3568.0

Sample Name: K1404-03 Acquired: 2/15/2019 19:00:03 Type: Unk
Method: P4-ICP2(v2866) 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	.23289	1.6867	1.0234	.57739	.24769	204.32	1.1192
Stddev	.09469	.7247	.3685	.23290	.13727	.78	.0146
%RSD	40.659	42.968	36.010	40.338	55.419	.38179	1.3021

#1	.13366	.93850	.64210	.33447	.10848	204.82	1.1024
#2	.24274	1.7361	1.0504	.59890	.25167	203.42	1.1280
#3	.32227	2.3854	1.3776	.79879	.38293	204.72	1.1273

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02844	.20876	17.127	.01896	.30459	.15484	139.25
Stddev	.00791	.07368	.273	.01451	.07361	.03316	1.65
%RSD	27.801	35.293	1.5967	76.553	24.168	21.414	1.1842

#1	.02215	.13243	16.814	.00802	.22805	.11985	137.51
#2	.02586	.21439	17.321	.01343	.31084	.15889	140.79
#3	.03732	.27945	17.245	.03542	.37488	.18579	139.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1463	9.1746	.45465	-.01712	.54642	.03079	1.5185
Stddev	.0291	.1632	.18317	.00294	.00207	.01148	.0703
%RSD	.40750	1.7788	40.289	17.192	.37943	37.284	4.6327

#1	7.1502	9.0085	.26379	-.01976	.54828	.02217	1.4503
#2	7.1155	9.3347	.47112	-.01764	.54681	.02637	1.5142
#3	7.1734	9.1805	.62903	-.01395	.54418	.04382	1.5908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8648	.14421	.04159	1.2449	8.3246	.77132	1.9169
Stddev	.0564	.07008	.00118	.0591	.1454	.37025	.0273
%RSD	.63655	48.597	2.8378	4.7460	1.7464	48.002	1.4256

#1	8.8141	.07286	.04058	1.3040	8.1569	.39476	1.8864
#2	8.8547	.14680	.04288	1.2448	8.4146	.78428	1.9392
#3	8.9256	.21295	.04131	1.1859	8.4024	1.1349	1.9250

Sample Name: K1404-03 Acquired: 2/15/2019 19:00:03 Type: Unk
 Method: P4-ICP2(v2866) 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	.01566	F 17.24	.03178	<.00000	F<.00000
Stddev	.00075	2.02	.00040	.66400	1.6275
%RSD	4.8173	11.73	1.2732	1.3818	.22900
#1	.01647	15.17	.03168	-48.643	-709.40
#2	.01498	17.34	.03144	-47.334	-712.53
#3	.01553	19.21	.03223	-48.181	-710.19
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8870.7	107150.	11740.	15.558	2857.1
Stddev	64.9	208.	168.	2.378	14.8
%RSD	.73190	.19445	1.4321	15.284	.51649
#1	8937.4	106980.	11933.	12.863	2859.3
#2	8867.0	107390.	11630.	17.360	2870.6
#3	8807.7	107090.	11656.	16.450	2841.3

Sample Name: K1404-04 Acquired: 2/15/2019 19:04:32 Type: Unk
Method: P4-ICP2(v2866) 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	.26618	1.9767	1.1641	.66391	.24492	204.94	1.1793
Stddev	.00247	.0082	.0020	.00539	.00117	1.21	.0085
%RSD	.92631	.41379	.16864	.81137	.47603	.58927	.71955

#1	.26902	1.9823	1.1660	.66850	.24524	204.36	1.1754
#2	.26461	1.9805	1.1643	.66525	.24363	204.14	1.1734
#3	.26491	1.9673	1.1621	.65798	.24590	206.33	1.1890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09288	.23583	17.464	.13826	.33062	.16738	141.56
Stddev	.00024	.00047	.185	.00057	.00130	.00120	.77
%RSD	.25977	.20003	1.0573	.41385	.39283	.71970	.54460

#1	.09315	.23613	17.322	.13764	.33200	.16877	141.66
#2	.09279	.23606	17.397	.13877	.33042	.16669	140.74
#3	.09269	.23528	17.673	.13837	.32943	.16667	142.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9540	10.047	.52346	.00592	1.5612	.12192	1.5491
Stddev	.0215	.083	.00161	.00024	.0105	.00015	.0086
%RSD	.30904	.82791	.30852	4.0651	.67128	.12077	.55467

#1	6.9331	10.044	.52509	.00603	1.5533	.12192	1.5410
#2	6.9760	9.9652	.52345	.00564	1.5571	.12177	1.5581
#3	6.9528	10.131	.52186	.00609	1.5731	.12206	1.5484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.277	.14284	.14079	1.2600	9.0756	.76586	1.9880
Stddev	.042	.00073	.00034	.0398	.0108	.00133	.0167
%RSD	.33861	.51345	.24272	3.1551	.11910	.17346	.84127

#1	12.276	.14338	.14116	1.2151	9.0716	.76724	1.9783
#2	12.235	.14201	.14049	1.2741	9.0674	.76577	1.9784
#3	12.318	.14314	.14073	1.2907	9.0878	.76458	2.0073

Sample Name: K1404-04 Acquired: 2/15/2019 19:04:32 Type: Unk
Method: P4-ICP2(v2866) 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	.08615	F 18.07	.09148	<.00000	F<.00000
Stddev	.00074	.09	.00152	.27597	2.3025
%RSD	.85875	.4954	1.6662	.61223	.32929
#1	.08545	18.02	.08989	-45.003	-697.69
#2	.08608	18.17	.09161	-45.382	-701.88
#3	.08692	18.02	.09293	-44.845	-698.13
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8840.8	104760.	11359.	15.314	2837.4
Stddev	17.3	438.	38.	1.831	9.4
%RSD	.19512	.41849	.33141	11.959	.33080
#1	8833.5	104330.	11348.	16.716	2847.6
#2	8860.5	105210.	11401.	13.242	2829.1
#3	8828.4	104750.	11328.	15.985	2835.6

Sample Name: K1404-02A Acquired: 2/15/2019 19:08:59 Type: Unk
Method: P4-ICP2(v2866) 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	.26735	1.9868	1.1621	.66805	.22302	203.08	1.1954
Stddev	.00069	.0140	.0017	.00434	.00211	.35	.0061
%RSD	.25925	.70352	.14764	.64957	.94568	.16994	.51021

#1	.26743	1.9910	1.1641	.67291	.22392	202.83	1.1895
#2	.26662	1.9982	1.1615	.66668	.22061	202.93	1.2016
#3	.26799	1.9712	1.1608	.66456	.22452	203.48	1.1951

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09353	.23687	17.564	.13971	.33205	.16823	141.92
Stddev	.00003	.00061	.073	.00025	.00094	.00078	1.24
%RSD	.02962	.25753	.41619	.17868	.28288	.46288	.87548

#1	.09352	.23718	17.483	.13971	.33160	.16893	141.06
#2	.09351	.23726	17.625	.13996	.33313	.16739	143.35
#3	.09356	.23617	17.584	.13946	.33142	.16835	141.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0439	9.9929	.52401	.00629	1.5747	.12180	1.5448
Stddev	.0325	.0947	.00196	.00030	.0094	.00046	.0057
%RSD	.46094	.94777	.37376	4.7273	.59732	.37865	.36945

#1	7.0713	9.9628	.52382	.00620	1.5641	.12232	1.5422
#2	7.0080	9.9170	.52606	.00662	1.5819	.12163	1.5514
#3	7.0523	10.099	.52216	.00605	1.5781	.12144	1.5409

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.248	.13230	.14129	1.2990	8.7400	.71282	1.9626
Stddev	.025	.00041	.00114	.0349	.0233	.00118	.0147
%RSD	.20354	.31352	.80469	2.6857	.26619	.16515	.75104

#1	12.223	.13227	.14170	1.2718	8.7230	.71150	1.9470
#2	12.248	.13190	.14217	1.2868	8.7665	.71316	1.9644
#3	12.272	.13273	.14001	1.3383	8.7304	.71378	1.9763

Sample Name: K1404-02A Acquired: 2/15/2019 19:08:59 Type: Unk
Method: P4-ICP2(v2866) 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	.08524	F 18.07	.09346	<.00000	F<.00000
Stddev	.00084	.06	.00115	.31256	2.5045
%RSD	.98304	.3298	1.2291	.69556	.35914
#1	.08462	18.07	.09310	-45.298	-694.93
#2	.08491	18.12	.09253	-44.761	-699.93
#3	.08619	18.00	.09474	-44.753	-697.21
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8852.9	105220.	11296.	13.618	2843.1
Stddev	17.2	373.	19.	.550	4.6
%RSD	.19431	.35460	.17202	4.0379	.16218
#1	8856.7	104800.	11298.	13.165	2847.2
#2	8867.9	105360.	11276.	13.461	2838.1
#3	8834.2	105510.	11314.	14.230	2843.9

Sample Name: K1460-02 Acquired: 2/15/2019 19:13:26 Type: Unk
Method: P4-ICP2(v2866) 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	.01565	-.06345	1.9631	.01720	-.01221	60.843	1.9629
Stddev	.00216	.00247	.0045	.00449	.00217	1.002	.0060
%RSD	13.826	3.8894	.22987	26.113	17.784	1.6471	.30777

#1	.01541	-.06624	1.9667	.01404	-.01317	59.686	1.9650
#2	.01793	-.06155	1.9580	.02234	-.01373	61.447	1.9676
#3	.01362	-.06255	1.9647	.01522	-.00972	61.397	1.9561

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00718	.00231	621.24	.14022	.08241	.33156	139.44
Stddev	.00016	.00018	.62	.00249	.00016	.00110	.59
%RSD	2.2236	7.9630	.09997	1.7782	.19971	.33093	.42547

#1	.00704	.00246	621.69	.13734	.08252	.33030	140.10
#2	.00735	.00237	621.51	.14168	.08222	.33204	139.26
#3	.00716	.00211	620.53	.14164	.08249	.33233	138.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6400	108.10	.14855	-.01410	911.33	.14714	4.2379
Stddev	.0517	.17	.00140	.00087	3.79	.00093	.0222
%RSD	1.4212	.16141	.94319	6.1581	.41552	.63022	.52289

#1	3.5804	108.30	.14906	-.01310	908.76	.14608	4.2137
#2	3.6731	108.04	.14696	-.01469	915.68	.14779	4.2425
#3	3.6665	107.97	.14962	-.01450	909.56	.14755	4.2573

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.856	.02713	.46325	6.6852	F 62.497	.04937	3.6504
Stddev	.418	.00027	.00748	.0544	.073	.00036	.0015
%RSD	.49796	.99829	1.6150	.81391	.11719	.73639	.04128

#1	83.916	.02686	.47098	6.7407	62.415	.04920	3.6487
#2	84.240	.02740	.45604	6.6830	62.520	.04979	3.6516
#3	83.411	.02714	.46272	6.6319	62.555	.04912	3.6510

Sample Name: K1460-02 Acquired: 2/15/2019 19:13:26 Type: Unk
Method: P4-ICP2(v2866) 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	.35307	2.785	5.4026	5.6636	F<.00000
Stddev	.00390	.001	.0189	.0596	1.5217
%RSD	1.1059	.0411	.35015	1.0531	.97336

#1	.34871	2.784	5.4074	5.5993	-155.37
#2	.35424	2.786	5.4186	5.7171	-155.54
#3	.35626	2.786	5.3817	5.6744	-158.09

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.4	32512.	3648.0	14.034	2457.4
Stddev	15.1	419.	16.3	1.798	12.1
%RSD	.55494	1.2880	.44564	12.809	.49394

#1	2737.9	32988.	3635.2	15.504	2471.4
#2	2711.6	32203.	3642.4	14.569	2449.7
#3	2711.8	32343.	3666.3	12.030	2451.1

Sample Name: K1460-03 Acquired: 2/15/2019 19:17:44 Type: Unk
Method: P4-ICP2(v2866) 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	.02151	-.06852	2.1862	.01547	-.01242	66.146	1.6618
Stddev	.00120	.00071	.0036	.00308	.00093	.256	.0065
%RSD	5.5778	1.0431	.16654	19.886	7.5040	.38647	.39226

#1	.02055	-.06798	2.1832	.01818	-.01232	65.867	1.6613
#2	.02285	-.06824	2.1850	.01213	-.01340	66.201	1.6685
#3	.02113	-.06933	2.1902	.01610	-.01155	66.369	1.6555

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	.00205	517.08	.15656	.09335	.36721	143.30
Stddev	.00005	.00017	1.82	.00031	.00067	.00098	.74
%RSD	.68393	8.0619	.35235	.19768	.72209	.26642	.51556

#1	.00762	.00196	516.73	.15667	.09266	.36611	143.74
#2	.00763	.00224	519.05	.15621	.09337	.36754	143.72
#3	.00772	.00194	515.46	.15679	.09401	.36799	142.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3409	88.387	.17396	-.01472	678.16	.16795	4.9006
Stddev	.0066	.462	.00137	.00088	7.05	.00166	.0478
%RSD	.19809	.52220	.78798	5.9838	1.0391	.99086	.97611

#1	3.3390	88.451	.17254	-.01451	674.21	.16607	4.8454
#2	3.3483	88.814	.17408	-.01397	686.29	.16858	4.9265
#3	3.3355	87.897	.17527	-.01569	673.97	.16922	4.9299

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.095	.02694	.35610	7.8692	F 59.921	.05538	3.9149
Stddev	.395	.00020	.01128	.0521	.373	.00130	.0127
%RSD	.58844	.73980	3.1673	.66169	.62239	2.3443	.32319

#1	67.268	.02716	.36811	7.8294	60.124	.05518	3.9193
#2	67.373	.02688	.35444	7.9281	60.148	.05677	3.9247
#3	66.643	.02677	.34574	7.8501	59.490	.05420	3.9006

Sample Name: K1460-03 Acquired: 2/15/2019 19:17:44 Type: Unk
 Method: P4-ICP2(v2866) 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	.30700	3.164	4.0597	5.2058	F<.00000
Stddev	.00248	.012	.0198	.1454	.86521
%RSD	.80925	.3816	.48829	2.7938	.52943
#1	.30486	3.150	4.0660	5.1682	-162.94
#2	.30640	3.170	4.0757	5.3664	-162.91
#3	.30972	3.172	4.0375	5.0829	-164.42
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.9	33515.	3732.1	12.518	2551.3
Stddev	25.5	45.	27.8	.238	21.6
%RSD	.89966	.13424	.74583	1.8990	.84470
#1	2866.3	33470.	3711.0	12.495	2575.8
#2	2830.5	33515.	3721.6	12.293	2542.8
#3	2816.9	33560.	3763.7	12.767	2535.2

Sample Name: K1460-07 Acquired: 2/15/2019 19:22:02 Type: Unk
Method: P4-ICP2(v2866) 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	-.00247	-.00159	-.00095	.00152	.00189	-.01580	-.02264	-.00000
Stddev	.00102	.00080	.00032	.00082	.00055	.00941	.00118	.00002
%RSD	41.168	50.417	33.442	53.737	29.088	59.541	5.2127	378.07

#1	-.00173	-.00246	-.00131	.00095	.00190	-.02132	-.02340	-.00002
#2	-.00205	-.00139	-.00074	.00116	.00243	-.02113	-.02128	.00001
#3	-.00363	-.00090	-.00078	.00246	.00133	-.00494	-.02324	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.06777	.00128	-.00009	.00033	.00763	.00046	.05509
Stddev	.00006	.01153	.00041	.00007	.00027	.00153	.00007	.07434
%RSD	132.96	17.011	31.788	80.471	80.824	20.088	14.962	134.94

#1	-.00012	.07955	.00118	-.00008	.00063	.00790	.00050	-.00263
#2	-.00001	.06724	.00173	-.00003	.00010	.00598	.00038	.02893
#3	-.00001	.05651	.00094	-.00017	.00027	.00901	.00050	.13898

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	.00045	.90557	-.00060	.01160	.26424	.00022	-.01257
Stddev	.00024	.00007	.04443	.00046	.00012	.02865	.00031	.00135
%RSD	21.577	15.135	4.9060	76.129	1.0664	10.843	141.69	10.769

#1	.00094	.00049	.94471	-.00061	.01153	.29268	.00002	-.01112
#2	.00101	.00048	.91473	-.00105	.01152	.26466	.00058	-.01380
#3	.00139	.00037	.85728	-.00014	.01174	.23538	.00006	-.01278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.08235	-.00015	.00149	.00560	.0008	.00043	2.3427
Stddev	.00928	.00689	.00033	.00121	.00154	.0010	.00012	.2023
%RSD	894.37	8.3697	229.84	81.333	27.494	127.7	27.804	8.6345

#1	.00693	.08838	.00024	.00171	.00426	.0020	.00055	2.5362
#2	.00118	.08383	-.00028	.00257	.00527	.0003	.00031	2.1327
#3	-.01123	.07484	-.00039	.00018	.00728	.0001	.00043	2.3592

Sample Name: K1460-07 Acquired: 2/15/2019 19:22:02 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62125
 Stddev .79433
 %RSD 127.86

#1 .73722
 #2 -.22468
 #3 1.3512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.4	38144.	3693.8	15.253	3560.0
Stddev	10.6	85.	17.7	.305	8.5
%RSD	.33663	.22165	.47843	1.9996	.23912

#1	3140.4	38061.	3706.7	15.027	3553.0
#2	3161.1	38142.	3673.7	15.600	3569.5
#3	3146.7	38230.	3701.1	15.132	3557.3

Sample Name: K1457-11 Acquired: 2/15/2019 19:26:29 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10(0-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03750	-.06619	9.2715	.01569	.00556	141.21	1.3975
Stddev	.00176	.00118	.0150	.00260	.00097	1.65	.0133
%RSD	4.6857	1.7883	.16220	16.602	17.380	1.1689	.95058

#1	.03609	-.06738	9.2877	.01650	.00650	139.38	1.3822
#2	.03693	-.06501	9.2580	.01779	.00561	142.59	1.4045
#3	.03947	-.06620	9.2688	.01277	.00457	141.66	1.4059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01016	.06415	227.17	.20426	.07653	1.6968	169.37
Stddev	.00014	.00029	1.26	.00056	.00031	.0085	1.00
%RSD	1.4110	.45204	.55581	.27437	.40858	.50018	.58907

#1	.01027	.06443	225.79	.20445	.07623	1.7061	168.77
#2	.01022	.06385	228.28	.20363	.07651	1.6947	170.52
#3	.01000	.06417	227.43	.20470	.07685	1.6895	168.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9661	37.677	.16081	-.01543	3.3595	.19828	8.1731
Stddev	.0077	.147	.00033	.00043	.0246	.00032	.0047
%RSD	.39405	.38933	.20672	2.7720	.73107	.15988	.05769

#1	1.9602	37.509	.16113	-.01589	3.3343	.19800	8.1785
#2	1.9749	37.778	.16083	-.01504	3.3833	.19823	8.1710
#3	1.9633	37.744	.16046	-.01535	3.3609	.19862	8.1698

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4559	.00947	.14647	F 11.801	5.8576	1.2200	3.5980
Stddev	.0553	.00010	.00918	.043	.0146	.0030	.0361
%RSD	.85625	1.0672	6.2697	.36126	.24913	.24730	1.0034

#1	6.4274	.00947	.13803	11.755	5.8744	1.2165	3.5584
#2	6.5197	.00956	.15625	11.806	5.8505	1.2214	3.6290
#3	6.4208	.00936	.14512	11.840	5.8479	1.2221	3.6068

Sample Name: K1457-11 Acquired: 2/15/2019 19:26:29 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-10(0-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14283	F 16.31	.58779	<.00000	F<.00000
Stddev	.00143	.01	.00505	.27531	.68168
%RSD	.99848	.0373	.85968	139.32	.27178

#1	.14146	16.30	.58263	-.14894	-250.04
#2	.14431	16.31	.59273	-.49400	-251.12
#3	.14272	16.30	.58799	.05012	-251.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.6	40369.	4287.9	14.896	2970.7
Stddev	19.0	171.	3.2	.179	4.0
%RSD	.56880	.42309	.07499	1.2031	.13448

#1	3320.5	40552.	4290.3	14.735	2970.3
#2	3339.6	40214.	4284.2	14.864	2966.9
#3	3358.5	40339.	4289.0	15.089	2974.8

Sample Name: K1457-11DUP Acquired: 2/15/2019 19:30:54 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10(0-5)DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03735	-.06525	9.2583	.01843	.00597	141.41	1.3836
Stddev	.00282	.00316	.0146	.00202	.00111	.16	.0064
%RSD	7.5394	4.8448	.15743	10.948	18.656	.11013	.46445

#1	.03850	-.06572	9.2480	.02044	.00497	141.24	1.3772
#2	.03414	-.06815	9.2750	.01844	.00718	141.45	1.3900
#3	.03941	-.06188	9.2519	.01640	.00577	141.54	1.3835

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01018	.06426	225.89	.20475	.07632	1.6953	169.36
Stddev	.00012	.00047	.97	.00184	.00032	.0056	.43
%RSD	1.1416	.73898	.42819	.89795	.42264	.33297	.25240

#1	.01022	.06472	224.85	.20514	.07631	1.6899	168.87
#2	.01027	.06428	226.76	.20637	.07665	1.7011	169.69
#3	.01005	.06377	226.06	.20275	.07601	1.6949	169.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9664	37.247	.16137	-.01563	3.2742	.19945	8.1838
Stddev	.0082	.284	.00093	.00080	.0258	.00105	.0098
%RSD	.41903	.76150	.57601	5.1236	.78933	.52511	.11982

#1	1.9674	36.929	.16244	-.01507	3.2538	.20047	8.1762
#2	1.9740	37.472	.16078	-.01654	3.3033	.19837	8.1949
#3	1.9576	37.341	.16089	-.01527	3.2656	.19950	8.1804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3839	.00913	.14343	F 11.881	5.9039	1.2336	3.5948
Stddev	.0038	.00013	.00244	.067	.0382	.0062	.0031
%RSD	.06004	1.3958	1.7025	.56731	.64732	.50335	.08646

#1	6.3838	.00909	.14339	11.936	5.8720	1.2399	3.5948
#2	6.3878	.00928	.14590	11.805	5.9463	1.2334	3.5917
#3	6.3801	.00903	.14101	11.901	5.8935	1.2275	3.5979

Sample Name: K1457-11DUP Acquired: 2/15/2019 19:30:54 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10(0-5)DU Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14188	F 16.38	.58429	.24113	F<.00000
Stddev	.00116	.01	.00345	.26690	1.4914
%RSD	.82014	.0581	.59030	110.68	.59312

#1	.14106	16.38	.58099	.30215	-250.47
#2	.14135	16.39	.58788	-.05099	-250.71
#3	.14321	16.38	.58401	.47224	-253.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.2	40162.	4300.8	15.093	2962.4
Stddev	6.2	96.	17.3	.783	3.9
%RSD	.18462	.23862	.40291	5.1861	.13120

#1	3344.2	40060.	4313.2	14.775	2958.3
#2	3334.1	40176.	4281.0	15.985	2962.8
#3	3345.3	40250.	4308.2	14.519	2966.1

Sample Name: K1457-11LX5 Acquired: 2/15/2019 19:35:19 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00848	-.01400	1.9324	.00768	-.00033	31.416	.30346
Stddev	.00141	.00105	.0063	.00128	.00074	.190	.00557
%RSD	16.573	7.4999	.32493	16.643	223.02	.60451	1.8353

#1	.00689	-.01423	1.9394	.00674	.00049	31.198	.30028
#2	.00955	-.01492	1.9305	.00716	-.00055	31.505	.30989
#3	.00901	-.01285	1.9272	.00914	-.00094	31.546	.30020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	.01119	53.296	.04777	.01509	.40926	46.043
Stddev	.00010	.00008	.412	.00056	.00013	.00025	.226
%RSD	4.4282	.75096	.77369	1.1654	.87678	.06150	.49020

#1	.00210	.01128	53.241	.04713	.01520	.40922	46.145
#2	.00229	.01116	53.733	.04813	.01513	.40904	46.199
#3	.00226	.01112	52.914	.04804	.01494	.40953	45.784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46669	9.0650	.03247	-.00283	.84004	.04592	1.6259
Stddev	.00224	.0232	.00030	.00032	.00484	.00051	.0031
%RSD	.48043	.25620	.91363	11.408	.57658	1.1138	.19177

#1	.46722	9.0727	.03265	-.00262	.83552	.04540	1.6289
#2	.46862	9.0835	.03212	-.00268	.84515	.04642	1.6227
#3	.46423	9.0390	.03263	-.00321	.83946	.04594	1.6262

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5067	.00208	.03605	2.2615	1.4159	.25096	.83559
Stddev	.0305	.00014	.00776	.0166	.0071	.00179	.00465
%RSD	2.0215	6.8298	21.521	.73342	.50434	.71314	.55596

#1	1.5276	.00196	.02743	2.2804	1.4215	.25289	.83082
#2	1.5207	.00203	.04246	2.2543	1.4183	.25062	.83585
#3	1.4717	.00224	.03827	2.2497	1.4078	.24936	.84010

Sample Name: K1457-11LX5 Acquired: 2/15/2019 19:35:19 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03141	3.247	.13223	2.9490	F<.00000
Stddev	.00115	.006	.00102	.2347	.27914
%RSD	3.6729	.1882	.77400	7.9588	.56990

#1	.03026	3.247	.13109	3.0735	-49.176
#2	.03257	3.241	.13252	2.6782	-49.103
#3	.03139	3.253	.13307	3.0951	-48.661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.7	37593.	3867.3	14.495	3325.3
Stddev	8.8	57.	23.1	1.336	11.2
%RSD	.27770	.15094	.59753	9.2136	.33615

#1	3162.5	37584.	3857.5	14.561	3312.8
#2	3164.9	37541.	3850.7	15.796	3329.0
#3	3178.8	37653.	3893.7	13.127	3334.2

Sample Name: K1457-05 Acquired: 2/15/2019 19:39:33 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1457-11MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74212	1.9938	10.342	1.7757	.21485	153.81	1.6301
Stddev	.00378	.0032	.021	.0094	.00188	1.72	.0208
%RSD	.50959	.16060	.19895	.53074	.87570	1.1159	1.2737

#1	.73854	1.9938	10.362	1.7652	.21667	152.14	1.6169
#2	.74608	1.9970	10.321	1.7834	.21497	153.73	1.6194
#3	.74174	1.9905	10.341	1.7785	.21291	155.57	1.6540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19823	.27220	208.31	.56025	.29338	1.9272	182.29
Stddev	.00069	.00018	2.52	.00106	.00008	.0054	.79
%RSD	.34852	.06453	1.2091	.18956	.02744	.28010	.43443

#1	.19746	.27211	206.82	.55922	.29345	1.9210	182.17
#2	.19881	.27240	206.89	.56019	.29329	1.9306	181.57
#3	.19841	.27209	211.22	.56134	.29340	1.9300	183.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0918	44.087	.67399	.04947	6.7093	.48127	8.5245
Stddev	.0018	.597	.00094	.00081	.0931	.00066	.0214
%RSD	.08692	1.3545	.13925	1.6365	1.3875	.13736	.25076

#1	2.0939	43.750	.67506	.04888	6.6741	.48050	8.5435
#2	2.0907	43.735	.67334	.04914	6.6389	.48161	8.5014
#3	2.0908	44.777	.67356	.05039	6.8148	.48169	8.5288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.877	.37346	.40679	F 12.277	F 10.215	1.7673	4.5766
Stddev	.172	.00203	.00431	.019	.051	.0012	.0151
%RSD	1.0812	.54457	1.0602	.15504	.49971	.07016	.32958

#1	15.821	.37113	.40421	12.262	10.237	1.7682	4.5648
#2	15.740	.37487	.40439	12.271	10.156	1.7677	4.5713
#3	16.069	.37439	.41177	12.298	10.251	1.7659	4.5936

Sample Name: K1457-05 Acquired: 2/15/2019 19:39:33 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K1457-11MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34521	F 23.59	.65942	.15272	F<.00000
Stddev	.00247	.05	.01055	.09351	2.0244
%RSD	.71673	.1969	1.5997	61.226	.73347
#1	.34377	23.63	.65232	.19392	-277.57
#2	.34378	23.54	.65441	.21856	-276.71
#3	.34806	23.59	.67155	.04569	-273.72
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.6	40681.	4301.0	13.652	2932.3
Stddev	7.0	37.	23.1	1.197	10.8
%RSD	.20598	.09039	.53790	8.7655	.36737
#1	3388.7	40717.	4284.6	13.884	2922.2
#2	3376.6	40644.	4327.5	12.356	2943.6
#3	3376.6	40684.	4290.9	14.716	2930.9

Sample Name: CCV07 Acquired: 2/15/2019 19:43:53 Type: Unk
Method: P4-ICP2(v2866) 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	4.7266	4.8193	4.7952	4.7386	4.7499	9.0276	9.4827	.24589
Stddev	.0274	.0221	.0127	.0110	.0219	.1038	.0819	.00080
%RSD	.58052	.45869	.26473	.23230	.46185	1.1492	.86325	.32364
#1	4.6958	4.7940	4.7806	4.7287	4.7249	8.9448	9.4579	.24593
#2	4.7484	4.8290	4.8035	4.7366	4.7589	9.1440	9.4161	.24667
#3	4.7356	4.8349	4.8015	4.7505	4.7660	8.9940	9.5741	.24508
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3983	24.124	.96473	2.4042	1.1955	5.0180	2.3501	24.069
Stddev	.0053	.141	.00504	.0070	.0066	.0160	.0093	.099
%RSD	.22236	.58367	.52291	.29115	.55446	.31803	.39434	.41303
#1	2.3922	23.966	.96199	2.3961	1.1878	5.0230	2.3465	23.963
#2	2.4002	24.235	.97055	2.4078	1.1987	5.0001	2.3607	24.161
#3	2.4023	24.171	.96166	2.4086	1.1999	5.0308	2.3432	24.083
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3849	1.2039	23.947	2.4080	2.4003	22.709	4.8690	4.5735
Stddev	.0050	.0053	.191	.0082	.0053	.177	.0213	.0109
%RSD	.20954	.44455	.79865	.34085	.21853	.77919	.43669	.23844
#1	2.3796	1.1993	23.946	2.4063	2.3943	22.684	4.8457	4.5611
#2	2.3857	1.2098	23.757	2.4169	2.4030	22.545	4.8875	4.5783
#3	2.3895	1.2027	24.139	2.4007	2.4037	22.896	4.8737	4.5813
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6620	5.3931	4.7469	4.7997	4.6980	4.721	4.7940	4.9370
Stddev	.0124	.0387	.0103	.0121	.0425	.009	.0372	.1318
%RSD	.26558	.71796	.21723	.25165	.90474	.1976	.77565	2.6704
#1	4.6578	5.4018	4.7380	4.7885	4.7018	4.731	4.7887	5.0534
#2	4.6523	5.3508	4.7445	4.7980	4.6538	4.717	4.7597	4.7938
#3	4.6760	5.4268	4.7582	4.8125	4.7386	4.714	4.8335	4.9638

Sample Name: CCV07 Acquired: 2/15/2019 19:43:53 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4537
Stddev .3840
%RSD 15.650

#1 2.8796
#2 2.3477
#3 2.1338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.0	35523.	3607.0	12.932	3131.4
Stddev	12.3	72.	25.9	1.688	6.1
%RSD	.40929	.20241	.71768	13.051	.19453

#1	3013.0	35542.	3594.9	14.649	3137.2
#2	2988.5	35444.	3636.7	12.873	3125.1
#3	3001.4	35584.	3589.4	11.275	3132.1

Sample Name: CCB07 Acquired: 2/15/2019 19:47:52 Type: Unk
Method: P4-ICP2(v2866) 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	-.00189	.00137	.00028	.00125	.00217	-.01552	-.01784	.00005
Stddev	.00064	.00033	.00073	.00161	.00087	.00881	.00048	.00004
%RSD	33.985	24.265	264.93	128.26	40.144	56.780	2.6696	95.704
#1	-.00133	.00162	.00071	-.00012	.00211	-.01988	-.01809	-.00000
#2	-.00174	.00099	-.00057	.00302	.00307	-.02130	-.01729	.00007
#3	-.00259	.00150	.00069	.00085	.00133	-.00538	-.01814	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00679	.00030	-.00015	-.00011	.00036	.00006	.06850
Stddev	.00008	.01495	.00025	.00023	.00042	.00140	.00004	.03417
%RSD	234.73	220.00	85.002	149.06	393.77	387.22	66.653	49.886
#1	.00004	.00333	.00058	.00004	-.00019	.00186	.00010	.06743
#2	-.00011	.00025	.00022	-.00040	-.00048	.00015	.00007	.10319
#3	-.00003	-.02396	.00009	-.00009	.00035	-.00092	.00002	.03487
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00057	.09830	-.00033	.00006	.02043	.00017	-.01555
Stddev	.00048	.00050	.00271	.00048	.00002	.04393	.00020	.00625
%RSD	116.77	88.051	2.7563	146.72	34.841	215.02	116.74	40.205
#1	.00096	.00065	.09517	.00022	.00006	.02971	.00038	-.02205
#2	.00012	.00003	.09979	-.00055	.00007	-.02740	-.00003	-.00957
#3	.00014	.00103	.09993	-.00067	.00003	.05899	.00018	-.01504
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03258	.00500	-.00053	.00013	.00114	.0004	.00012	F 2.7530
Stddev	.00380	.00184	.00016	.00084	.00141	.0004	.00006	.2942
%RSD	11.665	36.764	30.127	648.07	122.87	97.82	51.396	10.687
#1	.03140	.00627	-.00035	-.00070	.00193	.0007	.00015	3.0591
#2	.02950	.00584	-.00066	.00098	-.00048	.0005	.00005	2.4724
#3	.03682	.00289	-.00059	.00011	.00198	-.0000	.00017	2.7276

Sample Name: CCB07 Acquired: 2/15/2019 19:47:52 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .32703
Stddev .62181
%RSD 190.14

#1 1.0337
#2 .08394
#3 -.13650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.7	37605.	3647.3	14.886	3545.0
Stddev	16.6	72.	26.4	1.840	25.2
%RSD	.52429	.19170	.72303	12.358	.71185

#1	3161.8	37523.	3617.0	14.077	3532.4
#2	3149.7	37660.	3664.8	13.589	3528.5
#3	3182.5	37632.	3660.2	16.991	3574.0

Sample Name: K1457-06 Acquired: 2/15/2019 19:52:20 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1457-11MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72325	1.9697	10.029	1.7405	.20248	148.95	1.5812
Stddev	.00374	.0027	.047	.0072	.00270	1.44	.0164
%RSD	.51767	.13488	.46400	.41235	1.3313	.96469	1.0352

#1	.72630	1.9728	10.018	1.7346	.19983	147.31	1.5801
#2	.71907	1.9682	10.079	1.7385	.20522	149.51	1.5654
#3	.72439	1.9683	9.9879	1.7485	.20237	150.01	1.5981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19294	.26554	202.12	.54854	.28382	1.8753	179.23
Stddev	.00060	.00037	2.22	.00071	.00066	.0118	1.76
%RSD	.31066	.13935	1.0971	.12876	.23131	.63026	.98245

#1	.19363	.26594	201.57	.54901	.28424	1.8666	180.29
#2	.19257	.26520	200.23	.54772	.28306	1.8888	177.20
#3	.19262	.26550	204.56	.54888	.28416	1.8707	180.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0381	44.020	.65752	.04836	6.4422	.46829	8.2889
Stddev	.0033	.445	.00168	.00087	.0703	.00168	.0390
%RSD	.16281	1.0114	.25479	1.8051	1.0906	.35828	.47035

#1	2.0365	43.829	.65907	.04856	6.4133	.47022	8.2857
#2	2.0419	43.702	.65574	.04741	6.3910	.46741	8.3294
#3	2.0358	44.529	.65776	.04912	6.5223	.46723	8.2517

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.505	.36405	.40267	F 12.058	7.5081	1.6531	4.2861
Stddev	.126	.00094	.00898	.073	.0592	.0031	.0178
%RSD	.81044	.25819	2.2309	.60791	.78818	.18797	.41592

#1	15.376	.36311	.40893	12.111	7.5259	1.6557	4.2824
#2	15.510	.36406	.39237	11.974	7.4420	1.6540	4.2704
#3	15.627	.36499	.40669	12.089	7.5563	1.6497	4.3055

Sample Name: K1457-06 Acquired: 2/15/2019 19:52:20 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1457-11MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33857	F 22.87	.63696	<.00000	F<.00000
Stddev	.00303	.13	.00858	.28885	.54828
%RSD	.89595	.5719	1.3473	110.28	.20380
#1	.33964	22.87	.63075	.06146	-269.64
#2	.33515	23.00	.63337	-.49434	-268.87
#3	.34092	22.74	.64675	-.35288	-268.58
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.0	41158.	4318.4	15.516	2977.4
Stddev	15.9	60.	35.3	.992	11.0
%RSD	.46373	.14490	.81777	6.3944	.36828
#1	3451.3	41093.	4295.1	14.721	2980.0
#2	3419.8	41170.	4359.0	15.198	2965.4
#3	3439.9	41211.	4301.0	16.628	2986.9

Sample Name: K1457-11A Acquired: 2/15/2019 19:56:39 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7934 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72974	1.9853	10.261	1.7699	.21038	153.85	1.6363
Stddev	.00120	.0028	.036	.0090	.00056	1.25	.0044
%RSD	.16504	.13897	.34726	.50978	.26546	.81235	.26988

#1	.72837	1.9825	10.238	1.7718	.20981	152.48	1.6413
#2	.73062	1.9854	10.302	1.7779	.21092	154.12	1.6343
#3	.73024	1.9880	10.243	1.7601	.21040	154.94	1.6332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19660	.27061	207.81	.55866	.29183	1.9114	184.76
Stddev	.00024	.00040	.49	.00103	.00021	.0157	.72
%RSD	.12005	.14607	.23398	.18451	.07179	.82280	.39196

#1	.19633	.27101	207.76	.55748	.29196	1.9034	184.70
#2	.19670	.27060	207.36	.55916	.29194	1.9295	184.07
#3	.19677	.27022	208.33	.55935	.29159	1.9012	185.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0925	45.589	.67222	.04822	6.6872	.47926	8.4848
Stddev	.0130	.227	.00248	.00082	.0179	.00210	.0285
%RSD	.62327	.49737	.36874	1.7064	.26692	.43806	.33590

#1	2.0775	45.686	.67443	.04738	6.6907	.47761	8.4656
#2	2.0989	45.330	.67269	.04825	6.6678	.48163	8.5175
#3	2.1010	45.752	.66954	.04903	6.7029	.47856	8.4712

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.962	.36897	.41056	F 12.355	F 11.014	1.7024	4.5881
Stddev	.045	.00088	.00789	.076	.005	.0040	.0258
%RSD	.28296	.23855	1.9224	.61662	.04636	.23563	.56331

#1	15.977	.36838	.41715	12.405	11.017	1.7071	4.5606
#2	15.912	.36998	.40181	12.392	11.016	1.7003	4.5916
#3	15.999	.36856	.41272	12.267	11.008	1.6999	4.6120

Sample Name: K1457-11A Acquired: 2/15/2019 19:56:39 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7934 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34508	F 23.48	.65425	<.00000	F<.00000
Stddev	.00177	.09	.00056	.20884	1.2892
%RSD	.51291	.3858	.08543	84.714	.46879

#1	.34305	23.42	.65442	-.01481	-276.40
#2	.34624	23.58	.65363	-.30454	-274.79
#3	.34597	23.43	.65471	-.42023	-273.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.1	40866.	4276.0	14.751	2942.6
Stddev	21.1	130.	17.3	1.127	9.8
%RSD	.61856	.31883	.40568	7.6405	.33141

#1	3420.6	41013.	4256.2	15.692	2939.5
#2	3394.5	40766.	4283.1	13.502	2934.8
#3	3436.3	40819.	4288.6	15.058	2953.6

Sample Name: K1457-01 Acquired: 2/15/2019 20:00:59 Type: Unk
Method: P4-ICP2(v2866) 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	-.00227	-.00063	.01641	.00441	.00237	.05195	.02754	.00007
Stddev	.00190	.00132	.00051	.00116	.00148	.00240	.00126	.00009
%RSD	83.447	208.85	3.1143	26.367	62.577	4.6146	4.5904	132.39

#1	-.00009	-.00188	.01634	.00548	.00367	.05468	.02608	.00016
#2	-.00328	.00076	.01694	.00457	.00268	.05022	.02823	.00005
#3	-.00345	-.00078	.01593	.00317	.00075	.05093	.02832	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	10.453	.00106	.00640	.00335	2.2768	.31829	.66502
Stddev	.00004	.078	.00014	.00010	.00051	.0139	.00606	.02051
%RSD	21.908	.74786	12.836	1.5200	15.258	.61029	1.9042	3.0843

#1	-.00020	10.364	.00092	.00629	.00374	2.2841	.32527	.67144
#2	-.00013	10.490	.00108	.00641	.00354	2.2855	.31440	.68155
#3	-.00015	10.506	.00119	.00649	.00277	2.2607	.31520	.64206

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	.00028	257.52	-.00054	.04113	.80514	.00010	.00302
Stddev	.00049	.00026	.75	.00040	.00020	.01107	.00026	.01023
%RSD	16.177	93.700	.29248	73.561	.48253	1.3751	261.34	338.58

#1	.00264	-.00001	257.70	-.00066	.04135	.80006	.00004	.00470
#2	.00289	.00050	258.17	-.00010	.04108	.81783	.00038	.01231
#3	.00359	.00035	256.70	-.00087	.04096	.79752	-.00012	-.00795

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09602	.47504	.00154	.00090	.00536	.0040	.02895	4.8109
Stddev	.01444	.00764	.00031	.00168	.00214	.0008	.00009	.4970
%RSD	15.036	1.6087	20.364	187.00	39.935	18.82	.30012	10.330

#1	.09871	.48183	.00147	.00201	.00329	.0045	.02899	5.3350
#2	.08043	.47653	.00188	-.00104	.00522	.0031	.02901	4.3464
#3	.10893	.46677	.00127	.00172	.00756	.0043	.02885	4.7514

Sample Name: K1457-01 Acquired: 2/15/2019 20:00:59 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3839
 Stddev .7265
 %RSD 21.470

#1 3.1591
 #2 4.1963
 #3 2.7964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.4	34460.	3606.6	13.870	3112.4
Stddev	3.1	631.	21.9	1.863	6.2
%RSD	.10351	1.8316	.60799	13.435	.20069

#1	2956.2	33739.	3585.2	12.850	3105.2
#2	2962.3	34910.	3605.5	12.739	3115.2
#3	2959.7	34733.	3629.0	16.020	3116.7

Sample Name: K1457-02 Acquired: 2/15/2019 20:05:34 Type: Unk
 Method: P4-ICP2(v2866) 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	-.00196	.00115	.01272	.00478	.00078	.08452	.03747
Stddev	.00196	.00225	.00047	.00109	.00081	.00107	.00550
%RSD	99.954	195.84	3.6894	22.891	104.00	1.2615	14.683

#1	-.00039	.00275	.01319	.00491	.00119	.08573	.03259
#2	-.00416	.00212	.01225	.00581	-.00015	.08414	.03640
#3	-.00133	-.00142	.01271	.00363	.00130	.08370	.04343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00048	12.848	.00040	.01273	.00784	7.7271
Stddev	.00008	.00007	.045	.00039	.00012	.00017	.0463
%RSD	33.758	13.585	.35323	96.600	.93032	2.2097	.59940

#1	.00029	-.00045	12.796	.00072	.01261	.00794	7.7192
#2	.00028	-.00044	12.880	-.00003	.01274	.00794	7.6853
#3	.00014	-.00056	12.869	.00052	.01285	.00764	7.7769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41164	.81061	.00487	.00006	265.82	-.00038	.04071
Stddev	.00129	.02654	.00027	.00040	2.49	.00008	.00007
%RSD	.31242	3.2744	5.4916	665.86	.93804	21.357	.16051

#1	.41270	.79883	.00480	-.00039	263.26	-.00042	.04071
#2	.41200	.84101	.00517	.00039	268.24	-.00028	.04077
#3	.41021	.79201	.00465	.00018	265.96	-.00042	.04064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2817	.00016	-.00049	.13434	.55939	.00220	-.00007
Stddev	.0300	.00013	.00696	.02626	.00179	.00081	.00271
%RSD	2.3377	83.909	1415.0	19.548	.31980	36.824	3947.4

#1	1.2525	.00029	-.00794	.16435	.55794	.00130	-.00320
#2	1.3124	.00016	.00061	.11557	.56139	.00286	.00151
#3	1.2801	.00002	.00585	.12310	.55883	.00244	.00149

Sample Name: K1457-02 Acquired: 2/15/2019 20:05:34 Type: Unk
Method: P4-ICP2(v2866) 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	.02680	.0038	.07009	4.5796	F<.00000
Stddev	.00184	.0007	.00038	.0804	.44960
%RSD	6.8706	17.49	.54664	1.7556	25.922

#1	.02552	.0031	.06971	4.6725	-2.1174
#2	.02598	.0044	.07048	4.5344	-1.8465
#3	.02891	.0039	.07007	4.5320	-1.2394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.0	34676.	3626.6	14.523	3075.5
Stddev	6.1	198.	3.9	.405	2.5
%RSD	.20569	.57185	.10667	2.7903	.08204

#1	2946.1	34501.	3622.9	14.057	3073.3
#2	2957.8	34636.	3630.6	14.718	3074.9
#3	2954.9	34891.	3626.4	14.793	3078.3

Sample Name: K1457-03 Acquired: 2/15/2019 20:10:07 Type: Unk
Method: P4-ICP2(v2866) 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	-.00208	-.00057	.00966	.00295	.00175	.05726	.03504	.00003
Stddev	.00020	.00054	.00074	.00176	.00134	.01607	.00283	.00005
%RSD	9.7076	94.989	7.7061	59.800	76.585	28.074	8.0861	168.92

#1	-.00221	-.00052	.01007	.00107	.00285	.04046	.03674	.00003
#2	-.00185	-.00114	.00880	.00320	.00026	.07249	.03661	.00007
#3	-.00219	-.00005	.01011	.00457	.00215	.05882	.03177	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	5.8832	.00154	.00685	.00504	1.1685	.30813	.59858
Stddev	.00008	.0574	.00015	.00010	.00022	.0173	.00075	.06515
%RSD	98.764	.97573	9.5815	1.4603	4.2774	1.4821	.24200	10.884

#1	-.00001	5.8184	.00137	.00673	.00496	1.1885	.30762	.62105
#2	.00012	5.9034	.00165	.00690	.00488	1.1579	.30899	.64951
#3	.00015	5.9277	.00159	.00691	.00529	1.1592	.30778	.52516

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	-.00016	264.17	-.00089	.05339	1.2329	.00018	-.00661
Stddev	.00024	.00055	1.83	.00006	.00016	.0282	.00008	.00611
%RSD	10.005	353.89	.69273	7.0233	.29774	2.2874	45.944	92.363

#1	.00265	-.00065	262.59	-.00095	.05327	1.2352	.00009	.00033
#2	.00233	.00044	266.17	-.00090	.05357	1.2599	.00020	-.01117
#3	.00219	-.00026	263.74	-.00083	.05332	1.2036	.00026	-.00900

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07935	.53743	.00210	.00089	.01902	.0088	.03238	4.4904
Stddev	.01565	.01066	.00065	.00045	.00322	.0008	.00010	.2205
%RSD	19.718	1.9840	30.855	50.283	16.951	9.636	.31483	4.9103

#1	.08853	.54973	.00284	.00123	.01707	.0081	.03244	4.2443
#2	.08824	.53078	.00164	.00106	.02275	.0084	.03243	4.5568
#3	.06129	.53177	.00182	.00038	.01725	.0097	.03226	4.6700

Sample Name: K1457-03 Acquired: 2/15/2019 20:10:07 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4367
 Stddev .4184
 %RSD 12.173

#1 2.9946
 #2 3.4893
 #3 3.8263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.3	34912.	3653.9	14.585	3126.2
Stddev	15.1	49.	35.2	.333	14.4
%RSD	.50540	.14080	.96403	2.2829	.45981

#1	2969.6	34940.	3614.6	14.702	3114.9
#2	2998.9	34855.	3664.5	14.209	3142.4
#3	2978.4	34940.	3682.7	14.843	3121.5

Sample Name: K1457-04 Acquired: 2/15/2019 20:14:40 Type: Unk
Method: P4-ICP2(v2866) 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	-.00425	-.00254	.00311	.00211	.00351	.12756	.03177	.00009
Stddev	.00310	.00094	.00118	.00443	.00004	.01879	.00280	.00005
%RSD	73.002	37.176	37.940	210.20	1.0061	14.731	8.8174	50.906

#1	-.00252	-.00146	.00177	.00348	.00351	.12263	.03459	.00007
#2	-.00782	-.00318	.00398	-.00285	.00348	.11173	.03174	.00006
#3	-.00240	-.00299	.00359	.00568	.00355	.14833	.02899	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	6.2504	.00129	.00280	.00439	.07553	.45789	1.0094
Stddev	.00007	.0396	.00042	.00024	.00072	.00427	.00134	.0162
%RSD	219.47	.63333	32.189	8.6877	16.372	5.6536	.29282	1.6028

#1	-.00011	6.2281	.00166	.00252	.00509	.07333	.45829	1.0209
#2	-.00000	6.2270	.00137	.00292	.00441	.08045	.45899	1.0165
#3	.00002	6.2961	.00084	.00295	.00366	.07282	.45640	.99091

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	.00020	401.25	-.00077	.02031	1.7863	-.00006	-.01336
Stddev	.00038	.00007	.27	.00017	.00009	.0276	.00018	.00309
%RSD	13.591	32.208	.06703	22.380	.44296	1.5421	319.21	23.110

#1	.00316	.00020	401.55	-.00060	.02041	1.7691	-.00026	-.01303
#2	.00278	.00014	401.17	-.00094	.02025	1.8181	.00007	-.01660
#3	.00241	.00027	401.03	-.00078	.02027	1.7718	.00003	-.01045

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11785	.64309	.00239	.00065	.01936	.0041	.16828	5.1299
Stddev	.00537	.00179	.00069	.00228	.00167	.0007	.00092	.0958
%RSD	4.5558	.27834	28.766	350.27	8.6166	15.94	.54577	1.8668

#1	.11975	.64246	.00265	.00324	.01796	.0040	.16726	5.2401
#2	.12201	.64511	.00292	-.00105	.01893	.0035	.16903	5.0666
#3	.11179	.64170	.00161	-.00024	.02121	.0048	.16855	5.0830

Sample Name: K1457-04 Acquired: 2/15/2019 20:14:40 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1806
 Stddev .2607
 %RSD 4.2185

#1 6.4238
 #2 5.9053
 #3 6.2126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.9	34535.	3605.2	16.033	3055.1
Stddev	18.1	128.	19.6	.563	11.6
%RSD	.61237	.37185	.54258	3.5133	.37879

#1	2937.9	34410.	3585.5	15.391	3043.0
#2	2962.3	34528.	3605.6	16.261	3056.3
#3	2973.3	34667.	3624.6	16.445	3066.1

Sample Name: K1463-02 Acquired: 2/15/2019 20:19:13 Type: Unk
Method: P4-ICP2(v2866) 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	-.00202	-.00112	.00380	.00442	.00164	.02566	.00348	-.00001
Stddev	.00134	.00036	.00072	.00233	.00176	.01099	.00079	.00011
%RSD	66.684	32.393	19.022	52.734	107.12	42.810	22.671	831.37

#1	-.00114	-.00074	.00464	.00585	-.00020	.01349	.00366	-.00011
#2	-.00134	-.00117	.00342	.00570	.00331	.02865	.00416	.00010
#3	-.00356	-.00147	.00335	.00173	.00182	.03485	.00262	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	13.127	.00112	.00541	.00173	.00181	.01875	4.5256
Stddev	.00004	.131	.00038	.00006	.00020	.00248	.00024	.0421
%RSD	193.47	1.0012	34.368	1.0873	11.806	136.75	1.2957	.93023

#1	-.00002	12.976	.00101	.00543	.00179	-.00074	.01847	4.4773
#2	.00002	13.209	.00080	.00534	.00150	.00196	.01884	4.5545
#3	-.00006	13.198	.00154	.00545	.00190	.00420	.01893	4.5449

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00726	.00004	49.579	-.00038	.01753	3.0142	.00035	.06353
Stddev	.00005	.00026	.194	.00018	.00009	.0539	.00014	.00237
%RSD	.65816	698.23	.39176	46.770	.50741	1.7897	39.063	3.7234

#1	.00722	-.00021	49.677	-.00048	.01747	3.0725	.00021	.06598
#2	.00724	.00031	49.356	-.00017	.01747	2.9660	.00036	.06126
#3	.00731	.00002	49.706	-.00048	.01763	3.0042	.00049	.06334

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9763	7.2227	-.00101	-.00004	.00639	-.0003	.05791	3.2305
Stddev	.0072	.0388	.00095	.00134	.00219	.0006	.00025	.3684
%RSD	.14368	.53753	93.995	3769.2	34.224	178.4	.42858	11.402

#1	4.9695	7.2668	.00006	-.00038	.00892	.0003	.05794	3.6361
#2	4.9837	7.1938	-.00174	-.00117	.00514	-.0009	.05815	3.1389
#3	4.9757	7.2075	-.00135	.00144	.00512	-.0004	.05765	2.9167

Sample Name: K1463-02 Acquired: 2/15/2019 20:19:13 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1460
 Stddev .3005
 %RSD 9.5535

#1 3.2990
 #2 3.3392
 #3 2.7997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.2	36845.	3608.8	15.445	3417.5
Stddev	11.6	151.	27.2	1.183	9.1
%RSD	.37424	.41015	.75367	7.6613	.26671

#1	3104.3	36776.	3580.9	14.374	3427.0
#2	3082.9	37019.	3635.3	16.715	3408.8
#3	3101.4	36742.	3610.1	15.245	3416.8

Sample Name: K1463-08 Acquired: 2/15/2019 20:23:38 Type: Unk
Method: P4-ICP2(v2866) 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	.01428	-.00283	.00413	.00311	.00446	.46560	.03033	-.00007
Stddev	.00147	.00077	.00048	.00117	.00150	.01610	.00253	.00002
%RSD	10.296	27.083	11.592	37.524	33.525	3.4569	8.3533	23.027

#1	.01454	-.00276	.00393	.00252	.00344	.48070	.03041	-.00008
#2	.01561	-.00362	.00467	.00445	.00618	.46742	.02775	-.00005
#3	.01270	-.00210	.00377	.00236	.00377	.44867	.03281	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	13.040	.00109	-.00012	-.00008	.00404	.00034	4.2110
Stddev	.00013	.078	.00023	.00008	.00031	.00035	.00006	.0147
%RSD	137.98	.59697	20.815	67.186	392.98	8.7079	17.322	.35031

#1	-.00006	13.068	.00100	-.00016	.00022	.00441	.00034	4.1947
#2	-.00024	13.100	.00092	-.00003	-.00005	.00397	.00040	4.2149
#3	.00002	12.952	.00135	-.00017	-.00040	.00372	.00028	4.2234

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00042	46.515	.02773	.03160	2.8393	.01192	-.01036
Stddev	.00033	.00063	.496	.00079	.00016	.0299	.00025	.00616
%RSD	334.44	148.76	1.0673	2.8370	.50366	1.0528	2.0902	59.416

#1	.00027	-.00015	46.959	.02690	.03176	2.8590	.01174	-.01636
#2	-.00028	.00110	45.979	.02783	.03144	2.8540	.01220	-.00406
#3	.00031	.00033	46.605	.02847	.03160	2.8049	.01180	-.01065

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6093	7.2236	.00051	.00011	.00565	.1600	.15529	3.4627
Stddev	.0113	.0882	.00055	.00286	.00071	.0011	.00053	.0949
%RSD	.70028	1.2215	106.08	2704.3	12.588	.6800	.34244	2.7406

#1	1.5966	7.3072	.00006	.00249	.00604	.1612	.15565	3.5671
#2	1.6130	7.1314	.00112	.00089	.00483	.1595	.15553	3.4395
#3	1.6182	7.2321	.00036	-.00307	.00608	.1592	.15468	3.3816

Sample Name: K1463-08 Acquired: 2/15/2019 20:23:38 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2938
 Stddev .2826
 %RSD 12.318

#1 2.2155
 #2 2.6072
 #3 2.0586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.3	36738.	3641.9	14.591	3417.9
Stddev	8.5	51.	44.6	1.059	13.2
%RSD	.27359	.13904	1.2238	7.2582	.38484

#1	3101.2	36706.	3597.2	15.284	3407.4
#2	3118.2	36712.	3686.3	15.118	3432.7
#3	3108.6	36797.	3642.2	13.372	3413.7

Sample Name: K1458-01 Acquired: 2/15/2019 20:28:03 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06142	-.02437	.70920	.01589	-.01333	72.323	.29123
Stddev	.00224	.00188	.00194	.00141	.00176	.042	.00210
%RSD	3.6444	7.7308	.27423	8.8826	13.241	.05821	.72199

#1	.06348	-.02415	.70725	.01597	-.01161	72.369	.29362
#2	.06174	-.02260	.71114	.01444	-.01323	72.286	.28966
#3	.05904	-.02635	.70919	.01725	-.01514	72.313	.29042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00696	-.00375	266.27	.12163	.03830	.11484	111.72
Stddev	.00006	.00014	.85	.00093	.00035	.00057	.44
%RSD	.91518	3.8461	.31811	.76290	.91350	.49871	.39668

#1	.00690	-.00367	265.32	.12057	.03871	.11525	111.24
#2	.00702	-.00392	266.55	.12228	.03809	.11508	112.11
#3	.00696	-.00367	266.95	.12205	.03811	.11418	111.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2457	130.85	.06322	-.01018	1.2493	.25975	.42287
Stddev	.0058	.53	.00038	.00011	.0051	.00090	.00277
%RSD	.46701	.40745	.60507	1.1037	.40682	.34837	.65485

#1	1.2468	130.26	.06278	-.01031	1.2525	.26000	.42446
#2	1.2394	131.29	.06348	-.01010	1.2520	.25875	.42447
#3	1.2509	131.00	.06339	-.01013	1.2435	.26050	.41967

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5923	.03116	.08712	F 10.534	1.6421	.02182	1.4816
Stddev	.0228	.00020	.00667	.048	.0107	.00120	.0084
%RSD	.63461	.63009	7.6581	.45239	.64854	5.5176	.56871

#1	3.6082	.03093	.08305	10.481	1.6307	.02321	1.4719
#2	3.6026	.03125	.08350	10.573	1.6517	.02108	1.4861
#3	3.5662	.03129	.09482	10.548	1.6439	.02118	1.4869

Sample Name: K1458-01 Acquired: 2/15/2019 20:28:03 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07995	2.916	.21501	2.7997	F<.00000
Stddev	.00207	.011	.00113	.2866	.53905
%RSD	2.5869	.3782	.52513	10.235	.42095
#1	.07812	2.927	.21400	2.9806	-127.44
#2	.07954	2.915	.21623	2.9492	-128.40
#3	.08220	2.905	.21481	2.4693	-128.34
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.1	36585.	3819.7	13.172	2981.1
Stddev	14.6	70.	10.1	1.217	11.1
%RSD	.47123	.19237	.26481	9.2420	.37341
#1	3083.5	36510.	3830.9	14.441	2975.1
#2	3106.8	36649.	3811.3	12.014	2993.9
#3	3079.9	36596.	3816.8	13.062	2974.2

Sample Name: K1458-04 Acquired: 2/15/2019 20:32:16 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03185	-.02425	.40851	.01719	-.01068	70.358	.24524
Stddev	.00058	.00089	.00211	.00362	.00088	.734	.00334
%RSD	1.8140	3.6858	.51597	21.038	8.2292	1.0429	1.3620

#1	.03181	-.02488	.40693	.01368	-.01169	69.545	.24347
#2	.03244	-.02465	.41090	.01700	-.01013	70.555	.24316
#3	.03129	-.02323	.40770	.02091	-.01021	70.973	.24909

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	-.00533	30.855	.11296	.03070	.10357	109.07
Stddev	.00017	.00017	.185	.00156	.00033	.00108	.24
%RSD	2.6197	3.1870	.59992	1.3787	1.0817	1.0389	.22231

#1	.00620	-.00543	30.647	.11185	.03052	.10249	109.33
#2	.00650	-.00543	30.918	.11474	.03108	.10358	109.03
#3	.00624	-.00514	31.001	.11230	.03049	.10464	108.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89163	21.207	.05299	-.00731	.55860	.16475	.39513
Stddev	.00107	.128	.00049	.00058	.00173	.00109	.00222
%RSD	.12019	.60327	.91809	7.9997	.31034	.66363	.56088

#1	.89049	21.078	.05242	-.00729	.55817	.16355	.39413
#2	.89262	21.209	.05326	-.00673	.55712	.16569	.39360
#3	.89176	21.334	.05328	-.00790	.56051	.16500	.39768

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9756	.00929	.07593	2.5721	1.7624	.03057	1.4253
Stddev	.0086	.00029	.00412	.0168	.0126	.00093	.0095
%RSD	.28914	3.1178	5.4239	.65392	.71280	3.0415	.66375

#1	2.9760	.00921	.08058	2.5758	1.7521	.02978	1.4151
#2	2.9840	.00961	.07448	2.5868	1.7764	.03034	1.4271
#3	2.9668	.00905	.07273	2.5537	1.7587	.03160	1.4338

Sample Name: K1458-04 Acquired: 2/15/2019 20:32:16 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04999	2.665	-.04124	1.8967	F<.00000
Stddev	.00212	.005	.00068	.1894	.33524
%RSD	4.2494	.1775	1.6606	9.9875	.26944
#1	.05229	2.661	-.04192	1.9720	-124.13
#2	.04957	2.664	-.04125	1.6812	-124.78
#3	.04811	2.670	-.04055	2.0369	-124.34
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.5	38672.	3902.1	16.010	3302.1
Stddev	3.1	34.	8.3	.080	2.6
%RSD	.09421	.08876	.21346	.49702	.07742
#1	3281.6	38709.	3892.8	16.070	3303.5
#2	3278.4	38642.	3908.8	15.920	3303.6
#3	3275.4	38666.	3904.8	16.040	3299.1

Sample Name: CCV08 Acquired: 2/15/2019 20:36:30 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7607	4.8811	4.8374	4.7739	4.7760	9.2902	9.6464	.24916
Stddev	.0217	.0267	.0190	.0099	.0204	.0829	.0510	.00045
%RSD	.45516	.54650	.39165	.20650	.42689	.89218	.52824	.18239
#1	4.7420	4.8551	4.8226	4.7739	4.7697	9.2019	9.6653	.24958
#2	4.7556	4.8798	4.8309	4.7641	4.7594	9.3663	9.5887	.24868
#3	4.7844	4.9084	4.8588	4.7838	4.7987	9.3024	9.6852	.24923
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4463	24.839	.99079	2.4233	1.2102	5.1518	2.3958	24.908
Stddev	.0095	.075	.00061	.0098	.0040	.0355	.0069	.190
%RSD	.38999	.30088	.06132	.40424	.33365	.68981	.28969	.76367
#1	2.4373	24.762	.99017	2.4138	1.2064	5.1814	2.3967	24.688
#2	2.4454	24.842	.99081	2.4227	1.2098	5.1124	2.4023	25.027
#3	2.4563	24.912	.99139	2.4334	1.2145	5.1616	2.3885	25.008
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4423	1.2283	24.358	2.4900	2.4185	23.481	4.8903	4.7438
Stddev	.0137	.0030	.074	.0036	.0093	.171	.0150	.0190
%RSD	.56101	.24287	.30412	.14455	.38460	.72752	.30721	.39943
#1	2.4284	1.2304	24.350	2.4941	2.4107	23.554	4.8817	4.7519
#2	2.4427	1.2296	24.288	2.4872	2.4160	23.286	4.8815	4.7573
#3	2.4558	1.2249	24.436	2.4887	2.4288	23.604	4.9076	4.7221
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8009	5.3618	4.8754	4.8881	4.7694	4.829	4.8546	F 4.4076
Stddev	.0511	.0294	.0194	.0189	.0261	.010	.0257	.1862
%RSD	1.0652	.54799	.39876	.38740	.54757	.1982	.52875	4.2241
#1	4.7935	5.3898	4.8582	4.8737	4.7825	4.821	4.8556	4.4445
#2	4.7539	5.3312	4.8713	4.9095	4.7393	4.827	4.8284	4.2058
#3	4.8553	5.3645	4.8965	4.8810	4.7863	4.839	4.8797	4.5726

Sample Name: CCV08 Acquired: 2/15/2019 20:36:30 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV10 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.0028
 Stddev .1965
 %RSD 6.5448

#1 3.0438
 #2 3.1755
 #3 2.7890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.3	35990.	3643.0	13.863	3204.3
Stddev	3.2	90.	35.4	.615	6.4
%RSD	.10425	.24889	.97096	4.4375	.19865

#1	3094.7	35904.	3607.7	14.050	3211.4
#2	3093.4	35985.	3678.4	14.363	3202.5
#3	3088.6	36083.	3642.8	13.176	3199.1

Sample Name: CCB08 Acquired: 2/15/2019 20:40:29 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00055	.00027	.00210	.00120	-.01840	-.01835	.00002
Stddev	.00295	.00079	.00099	.00296	.00111	.00779	.00256	.00005
%RSD	836.56	142.51	371.82	140.69	92.079	42.358	13.973	182.56

#1	.00183	.00016	.00050	.00427	.00127	-.01161	-.01748	-.00003
#2	-.00370	.00146	.00112	-.00127	.00228	-.01668	-.02123	.00006
#3	.00082	.00003	-.00082	.00330	.00007	-.02691	-.01632	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00829	.00019	.00009	.00006	.00119	.00001	.06681
Stddev	.00008	.02831	.00036	.00017	.00044	.00176	.00002	.02586
%RSD	711.88	341.66	189.15	189.67	696.20	148.54	105.65	38.711

#1	.00010	-.03967	.00055	.00018	.00024	.00020	.00001	.04168
#2	-.00003	-.00051	-.00018	-.00010	.00038	.00014	.00003	.06540
#3	-.00004	.01533	.00021	.00019	-.00044	.00322	.00000	.09336

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00044	.08974	-.00033	.00007	-.00543	.00009	-.00607
Stddev	.00023	.00030	.00689	.00019	.00017	.03472	.00010	.00417
%RSD	50.948	67.750	7.6776	58.692	253.87	639.49	103.15	68.674

#1	.00053	.00011	.09013	-.00011	.00006	-.00661	-.00001	-.01080
#2	.00062	.00052	.08266	-.00046	.00024	-.03955	.00018	-.00449
#3	.00019	.00069	.09642	-.00043	-.00010	.02987	.00011	-.00293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00872	-.00453	-.00012	-.00120	.00316	.0016	.00003	F 2.1271
Stddev	.01287	.00347	.00039	.00132	.00236	.0016	.00005	.2217
%RSD	147.60	76.588	326.93	110.24	74.447	102.5	178.68	10.421

#1	-.00108	-.00057	.00023	-.00251	.00047	.0007	-.00003	1.9117
#2	.02330	-.00706	-.00055	-.00121	.00422	.0006	.00004	2.1150
#3	.00395	-.00596	-.00005	.00013	.00481	.0035	.00008	2.3545

Sample Name: CCB08 Acquired: 2/15/2019 20:40:29 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0023
Stddev	.1781
%RSD	17.772

#1	1.2024
#2	.94368
#3	.86092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.7	38119.	3648.5	14.667	3581.5
Stddev	12.8	172.	27.2	1.304	14.3
%RSD	.39858	.45056	.74631	8.8892	.39968

#1	3202.6	37957.	3618.9	15.720	3569.1
#2	3228.2	38299.	3672.5	13.209	3597.2
#3	3216.2	38102.	3654.0	15.073	3578.2

Sample Name: K1458-05 Acquired: 2/15/2019 20:44:57 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06465	-.01760	.36643	.01723	-.01087	44.497	.25045
Stddev	.00044	.00176	.00237	.00348	.00263	.341	.00215
%RSD	.67876	9.9916	.64640	20.195	24.196	.76563	.85646

#1	.06487	-.01603	.36370	.02019	-.00818	44.107	.25159
#2	.06493	-.01727	.36783	.01340	-.01343	44.647	.24798
#3	.06414	-.01950	.36777	.01812	-.01100	44.737	.25180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	-.00507	30.272	.37460	.01766	.06840	103.33
Stddev	.00017	.00017	.147	.00458	.00007	.00032	1.06
%RSD	2.9616	3.3595	.48486	1.2236	.38147	.46124	1.0259

#1	.00540	-.00520	30.308	.37130	.01768	.06819	104.27
#2	.00573	-.00514	30.397	.37266	.01771	.06876	103.53
#3	.00561	-.00488	30.110	.37983	.01758	.06823	102.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44920	17.290	.02959	-.00668	.34743	.12214	.32334
Stddev	.00081	.044	.00044	.00083	.00436	.00182	.00023
%RSD	.17933	.25674	1.4845	12.458	1.2555	1.4885	.07082

#1	.44868	17.341	.03010	-.00597	.35228	.12154	.32352
#2	.44879	17.259	.02938	-.00646	.34381	.12069	.32341
#3	.45012	17.271	.02930	-.00759	.34622	.12418	.32308

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1612	.01400	.07601	2.6210	3.1063	.01147	1.0448
Stddev	.0228	.00023	.00530	.0114	.0209	.00055	.0030
%RSD	1.0542	1.6630	6.9760	.43626	.67411	4.8336	.28846

#1	2.1690	.01414	.07388	2.6084	3.1136	.01109	1.0474
#2	2.1790	.01412	.07211	2.6307	3.0827	.01211	1.0454
#3	2.1355	.01373	.08205	2.6240	3.1226	.01121	1.0415

Sample Name: K1458-05 Acquired: 2/15/2019 20:44:57 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03136	1.608	-.00208	.83348	F<.00000
Stddev	.00169	.003	.00117	.30491	.81937
%RSD	5.3876	.1651	56.379	36.583	.70157
#1	.03330	1.606	-.00315	1.0500	-116.17
#2	.03020	1.611	-.00227	.96561	-116.48
#3	.03058	1.606	-.00083	.48478	-117.72
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3323.1	39016.	3928.9	15.224	3387.5
Stddev	21.4	76.	36.4	.606	18.6
%RSD	.64384	.19523	.92663	3.9836	.54951
#1	3344.9	39083.	3895.3	15.730	3408.1
#2	3302.1	39031.	3923.8	15.390	3371.9
#3	3322.4	38933.	3967.6	14.551	3382.6

Sample Name: K1458-06 Acquired: 2/15/2019 20:49:13 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05123	-.02537	.66087	.01658	-.01149	77.240	.26104
Stddev	.00194	.00247	.00308	.00179	.00202	.174	.00108
%RSD	3.7965	9.7161	.46621	10.792	17.550	.22534	.41529

#1	.05054	-.02493	.65916	.01478	-.01209	77.264	.25981
#2	.04973	-.02315	.65902	.01660	-.01313	77.055	.26184
#3	.05343	-.02803	.66443	.01836	-.00924	77.400	.26148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00692	-.00331	128.26	.13045	.03786	.10940	106.22
Stddev	.00007	.00007	1.00	.00117	.00040	.00035	1.05
%RSD	1.0673	1.9917	.77789	.89903	1.0516	.31690	.99151

#1	.00692	-.00337	127.96	.12923	.03801	.10977	106.52
#2	.00685	-.00333	129.37	.13055	.03816	.10909	107.09
#3	.00699	-.00324	127.44	.13156	.03741	.10934	105.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0999	34.137	.06656	-.00862	1.0205	.22204	.41719
Stddev	.0017	.317	.00031	.00023	.0181	.00091	.00404
%RSD	.15712	.92873	.46164	2.7225	1.7713	.40808	.96907

#1	1.0990	34.010	.06690	-.00859	1.0106	.22099	.41888
#2	1.1019	34.497	.06631	-.00840	1.0413	.22253	.41258
#3	1.0988	33.903	.06646	-.00887	1.0095	.22260	.42012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8408	.00968	.08070	6.2989	3.5513	.01705	1.4277
Stddev	.0491	.00017	.00682	.0667	.0304	.00117	.0074
%RSD	1.2794	1.7105	8.4520	1.0596	.85635	6.8435	.51751

#1	3.8958	.00979	.08851	6.2613	3.5316	.01712	1.4193
#2	3.8254	.00975	.07773	6.3760	3.5863	.01818	1.4309
#3	3.8012	.00949	.07587	6.2595	3.5359	.01585	1.4329

Sample Name: K1458-06 Acquired: 2/15/2019 20:49:13 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06789	3.026	.36432	.21615	F<.00000
Stddev	.00188	.004	.00187	.36735	1.8855
%RSD	2.7652	.1503	.51366	169.95	1.4298
#1	.06887	3.021	.36377	.62048	-131.12
#2	.06572	3.028	.36641	.12504	-130.47
#3	.06906	3.029	.36279	-.09707	-134.01
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.3	40150.	4150.9	14.344	3173.4
Stddev	18.3	58.	36.8	.799	15.9
%RSD	.53522	.14408	.88690	5.5676	.50084
#1	3406.2	40086.	4136.1	14.697	3156.1
#2	3436.0	40198.	4123.8	13.429	3187.3
#3	3439.6	40167.	4192.8	14.905	3177.0

Sample Name: K1458-08 Acquired: 2/15/2019 20:53:26 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02500	-.01636	.31436	.00900	-.00816	45.148	.15944
Stddev	.00130	.00045	.00085	.00144	.00201	.318	.00245
%RSD	5.1931	2.7726	.26942	15.962	24.610	.70402	1.5340

#1	.02368	-.01583	.31339	.00792	-.00996	44.783	.15682
#2	.02628	-.01659	.31476	.01063	-.00852	45.293	.16166
#3	.02503	-.01665	.31494	.00844	-.00599	45.367	.15984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	-.00290	161.63	.08087	.01782	.05506	67.783
Stddev	.00005	.00012	.66	.00059	.00038	.00035	.151
%RSD	1.1348	4.2720	.40762	.73516	2.1219	.63607	.22249

#1	.00447	-.00277	161.11	.08062	.01811	.05476	67.855
#2	.00437	-.00302	161.41	.08154	.01796	.05497	67.610
#3	.00440	-.00293	162.37	.08043	.01739	.05544	67.885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62782	78.630	.03773	-.00491	.59873	.17038	.25205
Stddev	.00037	.450	.00047	.00026	.00748	.00077	.00005
%RSD	.05966	.57201	1.2431	5.2552	1.2490	.45440	.02157

#1	.62795	78.431	.03746	-.00478	.60736	.17019	.25212
#2	.62811	78.315	.03746	-.00475	.59467	.16972	.25202
#3	.62739	79.145	.03827	-.00521	.59416	.17124	.25202

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6630	.00376	.05030	5.9352	2.5843	.01062	.90095
Stddev	.0183	.00035	.00532	.0175	.0037	.00014	.00497
%RSD	.68742	9.1939	10.584	.29535	.14425	1.3397	.55155

#1	2.6806	.00341	.05636	5.9544	2.5857	.01077	.89529
#2	2.6644	.00411	.04636	5.9311	2.5801	.01063	.90461
#3	2.6441	.00377	.04819	5.9201	2.5872	.01048	.90295

Sample Name: K1458-08 Acquired: 2/15/2019 20:53:26 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04780	2.310	.09071	2.5131	F<.00000
Stddev	.00134	.012	.00055	.1850	.44997
%RSD	2.8132	.5023	.60847	7.3601	.61749
#1	.04907	2.319	.09011	2.5511	-73.187
#2	.04794	2.297	.09120	2.3121	-73.071
#3	.04640	2.314	.09081	2.6761	-72.356
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3196.0	37661.	3886.9	13.680	3098.2
Stddev	7.9	43.	13.7	.268	3.1
%RSD	.24568	.11376	.35219	1.9577	.10107
#1	3202.2	37613.	3876.3	13.835	3099.5
#2	3187.2	37696.	3902.4	13.371	3094.6
#3	3198.5	37675.	3882.1	13.834	3100.4

Sample Name: K1458-09 Acquired: 2/15/2019 20:57:43 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04566	-.02803	.56194	.02140	-.01452	110.97	.43849
Stddev	.00330	.00040	.00172	.00181	.00060	6.98	.00142
%RSD	7.2338	1.4237	.30603	8.4666	4.1130	6.2869	.32275

#1	.04352	-.02830	.56347	.01954	-.01383	114.45	.43984
#2	.04946	-.02758	.56227	.02150	-.01489	102.94	.43862
#3	.04399	-.02823	.56008	.02316	-.01485	115.53	.43701

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00828	-.00564	36.502	.12113	.04319	.13104	140.78
Stddev	.00067	.00018	.297	.01028	.00010	.00081	2.32
%RSD	8.0361	3.2456	.81371	8.4890	.22025	.61720	1.6490

#1	.00872	-.00550	36.283	.12718	.04326	.13161	141.16
#2	.00752	-.00557	36.384	.10925	.04308	.13140	138.29
#3	.00861	-.00585	36.840	.12694	.04323	.13012	142.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1642	26.538	.06623	-.00934	.65773	.23443	.51994
Stddev	.0863	.184	.00046	.00190	.00839	.01750	.00105
%RSD	7.4105	.69268	.69397	20.302	1.2753	7.4652	.20141

#1	1.2101	26.433	.06674	-.01023	.66740	.24435	.51966
#2	1.0647	26.430	.06609	-.00716	.65341	.21422	.51907
#3	1.2178	26.750	.06585	-.01063	.65239	.24471	.52111

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8449	.00628	.10584	3.7309	1.4359	.01881	1.6797
Stddev	.0394	.00024	.00247	.0174	.0197	.00048	.0272
%RSD	1.3845	3.7646	2.3293	.46731	1.3693	2.5341	1.6192

#1	2.7997	.00632	.10304	3.7510	1.4374	.01911	1.6649
#2	2.8632	.00602	.10684	3.7225	1.4155	.01826	1.6631
#3	2.8718	.00649	.10766	3.7193	1.4548	.01906	1.7111

Sample Name: K1458-09 Acquired: 2/15/2019 20:57:43 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08365	3.038	-.05530	.12093	F<.00000
Stddev	.00101	.004	.00159	1.9630	1.0622
%RSD	1.2021	.1463	2.8704	1623.2	.62155

#1	.08480	3.042	-.05623	1.1808	-171.95
#2	.08299	3.033	-.05347	-2.1441	-170.89
#3	.08314	3.038	-.05621	1.3261	-169.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.6	40258.	3945.2	14.924	3225.8
Stddev	7.7	2778.	34.6	1.522	8.5
%RSD	.23373	6.9010	.87629	10.195	.26244

#1	3304.8	38645.	3940.8	14.625	3216.9
#2	3320.0	43466.	3981.8	16.573	3233.8
#3	3309.9	38663.	3913.1	13.575	3226.8

Sample Name: K1458-11 Acquired: 2/15/2019 21:02:05 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03596	-.02074	.90435	.01316	-.00932	57.473	.27817
Stddev	.00275	.00074	.00167	.00228	.00155	.240	.00510
%RSD	7.6377	3.5800	.18438	17.303	16.597	.41696	1.8318

#1	.03904	-.01988	.90244	.01164	-.00995	57.196	.27414
#2	.03508	-.02122	.90548	.01578	-.00755	57.603	.27647
#3	.03376	-.02112	.90514	.01207	-.01045	57.619	.28390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	-.00262	276.60	.12571	.02336	.09611	87.548
Stddev	.00006	.00006	1.70	.00056	.00017	.00088	.206
%RSD	1.0459	2.4581	.61296	.44442	.73315	.91254	.23486

#1	.00574	-.00268	274.68	.12633	.02316	.09511	87.328
#2	.00571	-.00255	277.87	.12556	.02346	.09678	87.735
#3	.00563	-.00263	277.26	.12524	.02345	.09642	87.581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0121	121.74	.04863	-.00762	.86075	.17353	.59602
Stddev	.0027	.62	.00048	.00028	.00571	.00015	.00177
%RSD	.26499	.51069	.98431	3.7249	.66357	.08729	.29757

#1	1.0090	121.11	.04869	-.00732	.85670	.17371	.59802
#2	1.0132	122.35	.04813	-.00789	.86728	.17347	.59540
#3	1.0140	121.76	.04908	-.00766	.85826	.17343	.59464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3858	.00796	.06675	5.3082	3.0741	.01641	1.1552
Stddev	.0833	.00014	.00848	.0271	.0194	.00082	.0014
%RSD	2.4587	1.7311	12.704	.51029	.63045	5.0045	.12208

#1	3.3177	.00790	.05986	5.2792	3.0878	.01570	1.1541
#2	3.3610	.00785	.06416	5.3329	3.0519	.01731	1.1548
#3	3.4786	.00811	.07622	5.3124	3.0826	.01621	1.1568

Sample Name: K1458-11 Acquired: 2/15/2019 21:02:05 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08035	3.005	.28164	3.2240	F<.00000
Stddev	.00151	.007	.00163	.0523	2.2627
%RSD	1.8846	.2278	.58018	1.6227	2.3352
#1	.08147	3.011	.27992	3.2689	-99.189
#2	.07863	3.006	.28317	3.1666	-94.665
#3	.08095	2.997	.28182	3.2365	-96.835
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3063.6	36223.	3796.4	14.559	2971.3
Stddev	4.4	79.	10.4	.977	3.1
%RSD	.14392	.21771	.27499	6.7100	.10387
#1	3061.2	36313.	3808.4	13.461	2970.0
#2	3068.7	36165.	3791.5	14.883	2974.8
#3	3061.0	36190.	3789.3	15.332	2969.1

Sample Name: K1458-02 Acquired: 2/15/2019 21:06:19 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.00257	.01865	.00421	.00030	.04557	.09950	.00000
Stddev	.00237	.00098	.00102	.00342	.00025	.00759	.00205	.00003
%RSD	150.00	38.140	5.4891	81.180	85.201	16.659	2.0569	1337.1

#1	-.00044	-.00356	.01794	.00635	.00017	.03882	.09972	-.00003
#2	.00001	-.00159	.01819	.00602	.00013	.05379	.09735	-.00000
#3	-.00430	-.00257	.01982	.00027	.00059	.04410	.10142	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	48.277	.00134	.00220	.00300	.12416	.16176	22.475
Stddev	.00007	.147	.00018	.00014	.00071	.00101	.00079	.130
%RSD	71.096	.30449	13.260	6.4156	23.543	.81418	.48566	.57823

#1	-.00017	48.118	.00153	.00223	.00364	.12452	.16138	22.353
#2	-.00012	48.407	.00131	.00232	.00225	.12301	.16123	22.611
#3	-.00002	48.307	.00118	.00204	.00310	.12493	.16266	22.462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	.00060	373.90	-.00027	.03443	.71102	.00040	-.01698
Stddev	.00042	.00035	5.92	.00017	.00012	.03817	.00026	.00329
%RSD	15.519	59.045	1.5832	63.329	.33556	5.3683	65.613	19.368

#1	.00321	.00037	377.66	-.00040	.03443	.66828	.00010	-.02070
#2	.00242	.00042	376.97	-.00008	.03454	.72306	.00056	-.01444
#3	.00254	.00100	367.08	-.00034	.03431	.74171	.00055	-.01580

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28659	.29602	.00289	-.00183	.01512	.0042	.06106	5.1456
Stddev	.02005	.01209	.00048	.00078	.00420	.0013	.00028	.0954
%RSD	6.9960	4.0837	16.561	42.686	27.792	30.43	.46091	1.8532

#1	.29898	.30310	.00343	-.00212	.01042	.0030	.06081	5.2019
#2	.29733	.30289	.00268	-.00095	.01640	.0056	.06137	5.1995
#3	.26346	.28206	.00254	-.00243	.01853	.0040	.06101	5.0355

Sample Name: K1458-02 Acquired: 2/15/2019 21:06:19 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.4279
 Stddev .2221
 %RSD 2.6347

#1 8.2076
 #2 8.6517
 #3 8.4243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.5	33816.	3558.7	13.921	2992.9
Stddev	9.9	40.	83.2	1.507	8.5
%RSD	.33979	.11739	2.3371	10.826	.28304

#1	2905.7	33826.	3487.6	13.132	2987.8
#2	2902.2	33772.	3538.3	15.659	2988.1
#3	2920.8	33849.	3650.2	12.973	3002.6

Sample Name: K1458-07 Acquired: 2/15/2019 21:10:54 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	-.00348	.02208	.00175	.00183	.19040	.08348	.00011
Stddev	.00294	.00160	.00063	.00139	.00063	.00740	.00034	.00003
%RSD	163.57	45.956	2.8481	79.720	34.084	3.8880	.40296	24.789

#1	-.00087	-.00521	.02252	.00287	.00201	.19867	.08352	.00008
#2	-.00508	-.00205	.02136	.00019	.00236	.18439	.08379	.00012
#3	.00057	-.00319	.02235	.00220	.00114	.18814	.08312	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	59.805	.00259	.00271	.00349	.10888	.27111	6.3991
Stddev	.00008	.395	.00017	.00049	.00001	.00161	.00080	.0360
%RSD	587.59	.66071	6.5572	18.096	.40907	1.4788	.29440	.56285

#1	.00007	59.623	.00263	.00258	.00350	.11068	.27200	6.3657
#2	-.00008	59.535	.00274	.00229	.00349	.10757	.27046	6.3942
#3	.00005	60.259	.00240	.00325	.00347	.10840	.27086	6.4373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	-.00008	336.27	-.00049	.04088	.87644	.00024	-.00534
Stddev	.00035	.00055	3.87	.00033	.00010	.01882	.00017	.00119
%RSD	8.5331	700.84	1.1510	66.684	.23712	2.1470	71.578	22.216

#1	.00378	.00032	335.55	-.00041	.04091	.87061	.00030	-.00591
#2	.00419	.00015	332.81	-.00021	.04095	.86123	.00038	-.00398
#3	.00449	-.00071	340.45	-.00085	.04077	.89748	.00005	-.00613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99699	3.7123	.00213	.00065	.02286	.0055	.20948	4.7200
Stddev	.00697	.0195	.00050	.00262	.00215	.0006	.00091	.0853
%RSD	.69916	.52639	23.312	405.98	9.3931	10.21	.43495	1.8067

#1	1.0050	3.7190	.00268	.00262	.02166	.0052	.20847	4.7334
#2	.99390	3.6903	.00173	.00165	.02159	.0052	.20972	4.6288
#3	.99210	3.7276	.00197	-.00233	.02534	.0061	.21025	4.7977

Sample Name: K1458-07 Acquired: 2/15/2019 21:10:54 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.7416
 Stddev .9319
 %RSD 10.660

#1 8.4401
 #2 7.9978
 #3 9.7869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2955.5	34408.	3593.0	14.991	3045.7
Stddev	23.1	54.	29.3	1.134	19.9
%RSD	.78302	.15832	.81488	7.5649	.65469

#1	2929.6	34362.	3568.6	14.292	3023.9
#2	2963.0	34393.	3625.4	16.299	3050.1
#3	2974.0	34468.	3584.9	14.381	3063.0

Sample Name: K1458-17 Acquired: 2/15/2019 21:15:28 Type: Unk
Method: P4-ICP2(v2866) 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	-.00529	-.00283	-.00078	.01130	-.00547	.19827	.28841
Stddev	.00384	.00127	.00119	.00167	.00102	.00757	.00205
%RSD	72.469	44.833	153.01	14.757	18.716	3.8160	.70988

#1	-.00474	-.00295	.00032	.01190	-.00657	.19304	.29077
#2	-.00177	-.00150	-.00205	.00942	-.00527	.20694	.28711
#3	-.00937	-.00402	-.00061	.01259	-.00455	.19483	.28735

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00333	146.64	-.00303	.00001	.00486	50.730
Stddev	.00010	.00009	2.12	.00016	.00017	.00080	.610
%RSD	8.3751	2.6105	1.4432	5.4405	1277.8	16.385	1.2015

#1	.00129	-.00323	145.80	-.00319	.00021	.00394	50.820
#2	.00123	-.00337	145.07	-.00286	-.00010	.00524	50.080
#3	.00109	-.00339	149.05	-.00305	-.00007	.00539	51.289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3515	36.903	-.00603	-.00282	168.85	-.00029	.02836
Stddev	.0020	.417	.00019	.00029	1.96	.00075	.00044
%RSD	.14965	1.1296	3.0986	10.303	1.1595	262.43	1.5569

#1	1.3537	36.471	-.00596	-.00307	168.40	-.00112	.02870
#2	1.3499	36.936	-.00624	-.00290	167.16	-.00010	.02851
#3	1.3507	37.303	-.00588	-.00250	171.00	.00035	.02786

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.556	.00104	.14031	.94956	F 11.631	.00330	.00040
Stddev	.091	.00007	.00498	.02946	.177	.00093	.00060
%RSD	.86309	6.9915	3.5501	3.1029	1.5195	28.137	147.87

#1	10.641	.00112	.14588	.96903	11.685	.00245	-.00013
#2	10.460	.00102	.13627	.91567	11.434	.00429	.00104
#3	10.566	.00098	.13880	.96399	11.775	.00317	.00030

Sample Name: K1458-17 Acquired: 2/15/2019 21:15:28 Type: Unk
 Method: P4-ICP2(v2866) 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	.02201	.1302	.45268	4.3652	F<.00000
Stddev	.00175	.0010	.00620	.4431	.92902
%RSD	7.9617	.7931	1.3690	10.152	2.0818

#1	.02135	.1297	.45235	3.8546	-45.696
#2	.02399	.1295	.44665	4.6501	-44.039
#3	.02068	.1314	.45904	4.5908	-44.140

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.7	34511.	3538.2	13.561	3025.5
Stddev	14.5	124.	45.5	1.011	8.5
%RSD	.49465	.35993	1.2849	7.4530	.28230

#1	2907.1	34370.	3514.7	14.701	3016.5
#2	2933.8	34562.	3590.6	12.775	3026.6
#3	2930.1	34602.	3509.2	13.207	3033.5

Sample Name: K1458-18 Acquired: 2/15/2019 21:19:51 Type: Unk
Method: P4-ICP2(v2866) 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	.00650	-.00350	.04238	.00364	-.00139	2.6540	.02891	.00025
Stddev	.00264	.00184	.00086	.00150	.00368	.0297	.00194	.00009
%RSD	40.690	52.708	2.0319	41.178	264.49	1.1203	6.7245	35.742

#1	.00551	-.00296	.04228	.00536	-.00191	2.6328	.03055	.00027
#2	.00449	-.00555	.04329	.00266	-.00478	2.6411	.02676	.00032
#3	.00949	-.00198	.04157	.00289	.00252	2.6880	.02942	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	58.267	.01297	.00138	.00444	5.7587	.28677	7.3467
Stddev	.00007	.289	.00030	.00012	.00011	.0314	.00137	.1249
%RSD	17.109	.49674	2.2822	8.8118	2.4466	.54438	.47675	1.7007

#1	-.00050	57.967	.01267	.00125	.00450	5.7751	.28578	7.2831
#2	-.00041	58.544	.01298	.00141	.00451	5.7785	.28620	7.2663
#3	-.00035	58.291	.01327	.00148	.00432	5.7226	.28833	7.4906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	-.00021	39.095	.00438	.05598	5.6167	.00462	.05448
Stddev	.00068	.00019	.174	.00018	.00020	.0030	.00017	.00231
%RSD	11.465	91.989	.44529	4.1373	.36246	.05353	3.5932	4.2480

#1	.00675	-.00024	38.972	.00419	.05605	5.6160	.00442	.05694
#2	.00549	-.00000	39.294	.00440	.05576	5.6141	.00471	.05235
#3	.00565	-.00038	39.019	.00455	.05615	5.6200	.00472	.05415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2015	9.1166	-.00078	.10052	.00946	.1532	.24597	3.3321
Stddev	.0022	.0419	.00042	.00233	.00063	.0009	.00061	.2423
%RSD	.02657	.45955	54.589	2.3152	6.6509	.5907	.24907	7.2711

#1	8.2006	9.1565	-.00111	.10316	.00874	.1524	.24544	3.4166
#2	8.2040	9.1204	-.00093	.09874	.00990	.1529	.24582	3.5208
#3	8.1999	9.0730	-.00030	.09967	.00974	.1542	.24664	3.0589

Sample Name: K1458-18 Acquired: 2/15/2019 21:19:51 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .43637
%RSD 79.177

#1 -.16713
#2 -1.0257
#3 -.46059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.5	36502.	3613.0	13.932	3336.1
Stddev	7.3	25.	24.9	.816	4.3
%RSD	.23479	.06954	.69053	5.8596	.12745

#1	3081.3	36478.	3591.7	14.792	3331.6
#2	3091.8	36529.	3606.8	13.833	3340.1
#3	3095.3	36500.	3640.4	13.169	3336.5

Sample Name: K1457-07 Acquired: 2/15/2019 21:24:13 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	-.00289	.00360	.00171	.00326	-.00942	.05649	.00000
Stddev	.00192	.00028	.00031	.00212	.00142	.00730	.00394	.00005
%RSD	181.43	9.6173	8.5377	123.65	43.507	77.480	6.9666	972.04

#1	-.00142	-.00280	.00391	.00369	.00361	-.00188	.05210	.00005
#2	-.00277	-.00320	.00361	.00198	.00170	-.01645	.05969	-.00004
#3	.00102	-.00267	.00329	-.00053	.00447	-.00993	.05768	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	33.151	.00055	.00114	.00070	.00761	.96627	4.4782
Stddev	.00004	.105	.00019	.00025	.00009	.00142	.00139	.0935
%RSD	18.436	.31623	34.997	21.933	12.546	18.632	.14394	2.0874

#1	-.00018	33.030	.00049	.00085	.00060	.00884	.96701	4.3844
#2	-.00024	33.219	.00039	.00129	.00076	.00606	.96713	4.5713
#3	-.00018	33.204	.00076	.00129	.00076	.00792	.96466	4.4789

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.00067	67.799	-.00205	.02023	3.1082	.00254	.02484
Stddev	.00008	.00107	.542	.00014	.00011	.0297	.00024	.00512
%RSD	4.8497	160.38	.79899	7.0080	.51906	.95506	9.3892	20.599

#1	.00154	-.00057	68.164	-.00221	.02026	3.1346	.00249	.02364
#2	.00159	.00129	68.056	-.00194	.02032	3.0760	.00281	.03044
#3	.00169	.00129	67.177	-.00199	.02012	3.1139	.00234	.02042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3106	1.5554	.00044	-.00087	.00218	.0037	.09093	3.3043
Stddev	.0134	.0188	.00054	.00078	.00343	.0011	.00042	.1071
%RSD	1.0230	1.2074	122.17	89.437	157.01	28.98	.46285	3.2424

#1	1.3230	1.5748	-.00018	-.00014	.00463	.0028	.09045	3.2648
#2	1.2964	1.5542	.00075	-.00079	-.00173	.0035	.09124	3.2225
#3	1.3124	1.5373	.00077	-.00170	.00365	.0049	.09110	3.4256

Sample Name: K1457-07 Acquired: 2/15/2019 21:24:13 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6389
Stddev	.3081
%RSD	6.6427

#1	4.9580
#2	4.3430
#3	4.6157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.7	36232.	3613.5	14.007	3328.9
Stddev	11.2	185.	41.1	.241	12.3
%RSD	.36215	.51019	1.1374	1.7202	.36937

#1	3068.8	36181.	3585.9	14.280	3314.7
#2	3087.0	36077.	3593.9	13.920	3336.3
#3	3089.1	36436.	3660.7	13.822	3335.7

Sample Name: CCV09 Acquired: 2/15/2019 21:28:38 Type: Unk
Method: P4-ICP2(v2866) 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	4.8964	5.0131	4.9774	4.8905	4.9058	9.3866	9.9588	.25492
Stddev	.0229	.0269	.0262	.0242	.0271	.1163	.0645	.00076
%RSD	.46743	.53580	.52654	.49410	.55297	1.2392	.64732	.29995
#1	4.8761	4.9846	4.9501	4.8700	4.8800	9.2585	9.9249	.25441
#2	4.9212	5.0379	5.0023	4.9172	4.9341	9.4856	10.033	.25580
#3	4.8919	5.0167	4.9798	4.8845	4.9035	9.4158	9.9185	.25455
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5130	25.408	1.0163	2.4932	1.2428	5.3457	2.4617	25.338
Stddev	.0141	.190	.0037	.0148	.0051	.0638	.0101	.336
%RSD	.56115	.74665	.36109	.59480	.41017	1.1941	.41224	1.3256
#1	2.4988	25.504	1.0158	2.4782	1.2385	5.4144	2.4502	25.491
#2	2.5270	25.531	1.0202	2.5079	1.2484	5.3346	2.4655	25.570
#3	2.5133	25.190	1.0129	2.4935	1.2414	5.2882	2.4694	24.953
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5054	1.2537	25.230	2.5552	2.4830	24.142	5.0350	4.8548
Stddev	.0156	.0045	.111	.0078	.0131	.168	.0302	.0049
%RSD	.62362	.35711	.43976	.30721	.52708	.69696	.59880	.10144
#1	2.4884	1.2579	25.177	2.5584	2.4704	24.112	5.0031	4.8536
#2	2.5190	1.2544	25.357	2.5608	2.4965	24.324	5.0631	4.8602
#3	2.5089	1.2490	25.155	2.5462	2.4821	23.991	5.0387	4.8506
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8660	F 5.5944	5.0146	5.0109	4.9283	4.923	5.0080	4.6524
Stddev	.0395	.0638	.0228	.0203	.0248	.016	.0241	.3207
%RSD	.81152	1.1405	.45430	.40474	.50381	.3315	.48060	6.8934
#1	4.8691	5.6649	4.9919	4.9880	4.9223	4.926	4.9944	4.9704
#2	4.8251	5.5778	5.0374	5.0268	4.9556	4.937	5.0358	4.6577
#3	4.9039	5.5405	5.0146	5.0178	4.9070	4.905	4.9938	4.3290

Sample Name: CCV09 Acquired: 2/15/2019 21:28:38 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1939
Stddev	.4207
%RSD	13.173

#1	3.6338
#2	2.7954
#3	3.1524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.9	35350.	3538.2	13.262	3131.1
Stddev	16.1	156.	38.8	.929	17.6
%RSD	.53336	.44016	1.0968	7.0047	.56225

#1	3034.2	35450.	3500.7	12.248	3148.5
#2	3002.1	35171.	3535.7	13.467	3113.3
#3	3020.4	35430.	3578.2	14.071	3131.5

Sample Name: CCB09 Acquired: 2/15/2019 21:32:37 Type: Unk
Method: P4-ICP2(v2866) 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	.00116	.00102	.00055	.00214	.00173	-.00988	-.00854	.00002
Stddev	.00084	.00033	.00047	.00104	.00069	.00910	.00679	.00003
%RSD	72.285	32.189	86.039	48.374	39.950	92.086	79.435	121.37

#1	.00203	.00138	.00106	.00103	.00248	-.00857	-.00136	.00002
#2	.00035	.00073	.00042	.00233	.00157	-.00151	-.01484	-.00001
#3	.00112	.00097	.00015	.00308	.00113	-.01956	-.00944	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01842	.00011	-.00011	-.00023	.00009	.00002	.04570
Stddev	.00009	.00780	.00029	.00013	.00017	.00222	.00003	.02420
%RSD	419.04	42.362	264.38	118.64	74.892	2532.6	142.28	52.962

#1	-.00012	-.00946	-.00022	-.00000	-.00007	-.00157	.00003	.02137
#2	.00005	-.02211	.00031	-.00026	-.00042	-.00078	-.00001	.06977
#3	.00001	-.02369	.00024	-.00007	-.00021	.00262	.00004	.04595

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	.00058	.11659	.00009	-.00010	-.05748	-.00011	-.01327
Stddev	.00043	.00056	.00506	.00037	.00007	.02415	.00017	.00345
%RSD	134.86	97.024	4.3439	420.63	62.607	42.022	145.99	25.997

#1	.00025	-.00003	.12194	-.00006	-.00012	-.03021	-.00028	-.01015
#2	.00078	.00068	.11596	-.00018	-.00016	-.06604	.00005	-.01697
#3	-.00007	.00108	.11187	.00051	-.00003	-.07618	-.00012	-.01267

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01270	-.00669	-.00023	.00176	.00306	.0008	.00010	F 2.5763
Stddev	.01563	.00358	.00030	.00083	.00279	.0004	.00007	.4164
%RSD	123.09	53.443	133.02	47.073	91.368	41.96	77.796	16.164

#1	.02370	-.00763	.00002	.00171	.00360	.0009	.00017	3.0498
#2	-.00520	-.00274	-.00056	.00095	.00554	.0005	.00009	2.4120
#3	.01961	-.00971	-.00014	.00260	.00003	.0012	.00002	2.2670

Sample Name: CCB09 Acquired: 2/15/2019 21:32:37 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .40909
Stddev	.87689
%RSD	214.35

#1	1.4216
#2	-.10816
#3	-.08612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.2	37231.	3579.5	14.984	3522.7
Stddev	16.5	64.	56.9	.980	16.5
%RSD	.52227	.17175	1.5908	6.5419	.46914

#1	3138.4	37301.	3533.1	14.314	3503.7
#2	3169.2	37175.	3562.4	16.109	3533.3
#3	3164.1	37218.	3643.0	14.530	3531.2

Sample Name: K1457-07DUP Acquired: 2/15/2019 21:37:04 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	-.00137	.00509	.00387	.00264	-.01373	.05721	-.00003
Stddev	.00148	.00158	.00111	.00274	.00161	.00669	.00269	.00006
%RSD	47.761	115.37	21.822	70.873	61.116	48.693	4.7053	226.97

#1	-.00272	-.00303	.00455	.00411	.00081	-.00613	.05967	-.00004
#2	-.00473	.00011	.00435	.00648	.00385	-.01637	.05762	.00004
#3	-.00184	-.00118	.00637	.00101	.00326	-.01871	.05434	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	33.026	.00061	.00100	.00108	.01425	.95721	4.4256
Stddev	.00005	.220	.00030	.00017	.00032	.00226	.00300	.0381
%RSD	26.052	.66640	48.848	16.692	29.863	15.822	.31383	.86049

#1	-.00019	32.778	.00054	.00098	.00074	.01541	.96061	4.3968
#2	-.00023	33.099	.00035	.00084	.00139	.01165	.95609	4.4112
#3	-.00013	33.200	.00093	.00118	.00111	.01569	.95492	4.4688

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00041	67.681	-.00200	.01875	3.0858	.00257	.02751
Stddev	.00005	.00080	.396	.00014	.00015	.0141	.00015	.00620
%RSD	2.7420	196.08	.58523	7.2307	.78045	.45830	5.8782	22.540

#1	.00189	-.00071	67.844	-.00201	.01873	3.0854	.00266	.02700
#2	.00179	-.00102	67.971	-.00213	.01861	3.1001	.00239	.03395
#3	.00185	.00050	67.230	-.00185	.01890	3.0718	.00264	.02158

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2879	1.5603	.00076	-.00026	.00206	.0041	.09071	3.6613
Stddev	.0031	.0225	.00035	.00221	.00209	.0003	.00042	.0320
%RSD	.24034	1.4401	45.972	840.01	101.22	6.502	.46707	.87476

#1	1.2902	1.5726	.00111	.00219	.00057	.0044	.09022	3.6280
#2	1.2890	1.5740	.00075	-.00089	.00117	.0039	.09093	3.6641
#3	1.2843	1.5344	.00042	-.00209	.00445	.0039	.09098	3.6919

Sample Name: K1457-07DUP Acquired: 2/15/2019 21:37:04 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.0142
 Stddev .8223
 %RSD 16.400

#1 4.0658
 #2 5.4475
 #3 5.5293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.6	36268.	3595.0	15.589	3317.1
Stddev	8.5	64.	39.0	.961	7.6
%RSD	.27756	.17746	1.0860	6.1654	.23024

#1	3060.7	36194.	3565.8	15.527	3308.8
#2	3075.1	36295.	3579.8	16.579	3318.7
#3	3075.9	36314.	3639.3	14.660	3323.8

Sample Name: K1457-07LX5 Acquired: 2/15/2019 21:41:30 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7932 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	-.00107	.00091	.00187	.00289	-.00740	.00320	-.00006
Stddev	.00073	.00219	.00117	.00340	.00093	.00944	.00303	.00006
%RSD	73.117	204.13	128.77	181.88	32.084	127.47	94.580	97.343

#1	-.00109	.00134	.00164	.00528	.00375	-.01464	.00380	-.00012
#2	-.00168	-.00294	.00153	.00186	.00191	-.01083	-.00008	-.00005
#3	-.00023	-.00162	-.00044	-.00153	.00301	.00327	.00588	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	6.9369	-.00000	-.00002	.00034	.00283	.20541	.94188
Stddev	.00004	.0572	.00011	.00008	.00029	.00186	.00030	.02651
%RSD	42.432	.82398	4303.3	466.03	85.789	65.682	.14603	2.8141

#1	-.00007	6.8717	.00012	.00002	.00064	.00375	.20561	.94418
#2	-.00012	6.9786	-.00010	-.00011	.00031	.00069	.20556	.91429
#3	-.00006	6.9603	-.00003	.00003	.00006	.00406	.20507	.96715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00038	14.221	-.00065	.00452	.59019	.00066	-.00585
Stddev	.00029	.00071	.184	.00006	.00002	.00923	.00009	.01066
%RSD	31.831	186.26	1.2936	9.6301	.54491	1.5633	14.267	182.16

#1	.00124	-.00029	14.112	-.00060	.00452	.59486	.00067	.00585
#2	.00078	.00113	14.433	-.00064	.00449	.57956	.00074	-.01499
#3	.00070	.00030	14.117	-.00072	.00454	.59615	.00056	-.00841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28822	.32447	.00025	.00028	-.00041	.0028	.01897	2.7641
Stddev	.01527	.00440	.00038	.00088	.00067	.0006	.00014	.0292
%RSD	5.2979	1.3549	150.98	314.34	163.87	20.70	.72235	1.0570

#1	.27517	.32174	.00005	.00067	.00010	.0034	.01892	2.7757
#2	.28449	.32955	.00001	-.00073	-.00016	.0028	.01912	2.7309
#3	.30501	.32213	.00069	.00089	-.00117	.0022	.01886	2.7858

Sample Name: K1457-07LX5 Acquired: 2/15/2019 21:41:30 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7932 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9805
Stddev .4978
%RSD 25.137

#1 2.2882
#2 2.2472
#3 1.4061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.8	37066.	3616.8	13.961	3486.5
Stddev	9.3	105.	29.2	1.513	10.8
%RSD	.29558	.28230	.80653	10.835	.30951

#1	3132.4	36964.	3622.3	12.838	3480.2
#2	3148.5	37061.	3585.3	13.364	3498.9
#3	3132.6	37173.	3642.9	15.681	3480.3

Sample Name: K1457-07MS Acquired: 2/15/2019 21:45:57 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79341	2.0168	.99082	1.9672	.81842	1.9595	.27335
Stddev	.00287	.0054	.00090	.0124	.00392	.0158	.00261
%RSD	.36175	.26891	.09073	.62964	.47847	.80526	.95299

#1	.79521	2.0221	.99166	1.9802	.82271	1.9461	.27122
#2	.79493	2.0113	.99091	1.9658	.81753	1.9556	.27258
#3	.79010	2.0171	.98987	1.9556	.81503	1.9769	.27626

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20466	.19834	34.201	.42679	.20471	.31198	3.3764
Stddev	.00034	.00019	.183	.00095	.00063	.00092	.0146
%RSD	.16468	.09712	.53445	.22336	.30585	.29468	.43106

#1	.20429	.19842	33.992	.42646	.20431	.31300	3.3924
#2	.20473	.19849	34.283	.42606	.20438	.31173	3.3725
#3	.20496	.19812	34.329	.42787	.20543	.31121	3.3641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1571	6.5415	.50725	.07291	71.048	.32263	.21852
Stddev	.0015	.0511	.00120	.00036	.330	.00157	.00012
%RSD	.12936	.78161	.23602	.49554	.46489	.48688	.05709

#1	1.1554	6.4841	.50659	.07279	70.743	.32249	.21837
#2	1.1578	6.5821	.50653	.07332	71.399	.32427	.21859
#3	1.1582	6.5583	.50863	.07263	71.002	.32114	.21859

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.437	.44586	.34586	1.2576	2.5550	.73393	.21846
Stddev	.017	.00068	.00769	.0231	.0108	.00193	.00112
%RSD	.12372	.15302	2.2245	1.8402	.42186	.26269	.51201

#1	13.418	.44558	.34968	1.2794	2.5566	.73591	.21869
#2	13.447	.44663	.33700	1.2602	2.5649	.73383	.21724
#3	13.447	.44536	.35090	1.2333	2.5435	.73206	.21944

Sample Name: K1457-07MS Acquired: 2/15/2019 21:45:57 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22088	5.806	.29236	3.7157	F<.00000
Stddev	.00267	.004	.00098	.2851	.74595
%RSD	1.2080	.0612	.33598	7.6722	26.202
#1	.22056	5.803	.29124	4.0444	-2.4417
#2	.22370	5.806	.29306	3.5669	-3.7077
#3	.21839	5.810	.29278	3.5359	-2.3912
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.6	35789.	3530.8	13.763	3273.8
Stddev	8.3	54.	13.1	1.502	3.2
%RSD	.27247	.15214	.36991	10.915	.09658
#1	3037.8	35770.	3516.7	13.050	3270.7
#2	3044.6	35850.	3533.0	15.489	3277.0
#3	3054.3	35746.	3542.5	12.750	3273.8

Sample Name: K1457-07MSD Acquired: 2/15/2019 21:50:03 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79481	2.0225	.99763	1.9803	.82239	1.9462	.27868
Stddev	.00050	.0061	.00160	.0021	.00368	.0273	.00287
%RSD	.06231	.30354	.16023	.10491	.44691	1.4003	1.0291

#1	.79447	2.0287	.99579	1.9819	.81828	1.9163	.28061
#2	.79537	2.0164	.99843	1.9812	.82537	1.9529	.28005
#3	.79458	2.0225	.99867	1.9780	.82352	1.9696	.27539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20658	.19968	37.759	.42688	.20608	.31148	3.4121
Stddev	.00039	.00071	.164	.00097	.00028	.00114	.0367
%RSD	.18922	.35396	.43433	.22739	.13655	.36514	1.0769

#1	.20617	.19973	37.643	.42797	.20633	.31278	3.4545
#2	.20695	.19894	37.946	.42609	.20577	.31096	3.3925
#3	.20662	.20035	37.687	.42660	.20614	.31069	3.3893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2576	7.0083	.50915	.07253	78.429	.32392	.21866
Stddev	.0015	.1003	.00130	.00042	.342	.00139	.00045
%RSD	.11999	1.4304	.25456	.58313	.43666	.42883	.20649

#1	1.2593	6.9114	.51049	.07300	78.334	.32546	.21911
#2	1.2573	7.0020	.50790	.07217	78.809	.32351	.21867
#3	1.2563	7.1116	.50906	.07243	78.143	.32278	.21821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.758	.44889	.35077	1.4005	2.7301	.73781	.21679
Stddev	.071	.00084	.00870	.0126	.0242	.00269	.00335
%RSD	.51779	.18607	2.4804	.89740	.88791	.36502	1.5472

#1	13.677	.44954	.36022	1.4120	2.7513	.73741	.22019
#2	13.814	.44795	.34902	1.4025	2.7037	.73535	.21669
#3	13.781	.44918	.34309	1.3871	2.7352	.74069	.21348

Sample Name: K1457-07MSD Acquired: 2/15/2019 21:50:03 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22312	5.853	.30315	3.9096	F<.00000
Stddev	.00258	.006	.00089	.1988	.17189
%RSD	1.1570	.1083	.29243	5.0852	7.4398
#1	.22117	5.851	.30308	4.0420	-2.4966
#2	.22604	5.848	.30406	4.0058	-2.1578
#3	.22214	5.861	.30230	3.6810	-2.2769
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.7	35816.	3529.2	13.461	3271.2
Stddev	10.2	93.	27.0	.391	14.3
%RSD	.33505	.25855	.76389	2.9041	.43695
#1	3038.1	35785.	3499.0	13.790	3257.9
#2	3058.5	35743.	3537.6	13.029	3286.3
#3	3049.5	35921.	3550.9	13.564	3269.5

Sample Name: K1457-07A Acquired: 2/15/2019 21:54:10 Type: Unk
Method: P4-ICP2(v2866) 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	.79228	2.0168	.99353	1.9733	.81923	1.9104	.27144
Stddev	.00317	.0070	.00309	.0037	.00210	.0222	.00536
%RSD	.40063	.34852	.31140	.18532	.25593	1.1621	1.9758

#1	.79463	2.0093	.99195	1.9691	.82127	1.8930	.27686
#2	.78867	2.0232	.99155	1.9758	.81708	1.9354	.26614
#3	.79353	2.0181	.99710	1.9749	.81936	1.9029	.27133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20490	.19863	34.751	.42663	.20494	.31144	3.4001
Stddev	.00051	.00051	.219	.00135	.00031	.00141	.0207
%RSD	.24794	.25727	.62978	.31755	.15204	.45240	.60826

#1	.20465	.19832	34.499	.42514	.20527	.31303	3.4221
#2	.20549	.19836	34.884	.42777	.20466	.31092	3.3811
#3	.20457	.19922	34.871	.42700	.20489	.31036	3.3970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1765	6.6012	.50740	.07238	72.237	.32176	.21757
Stddev	.0076	.1085	.00096	.00086	.295	.00104	.00040
%RSD	.64203	1.6437	.18948	1.1854	.40885	.32206	.18408

#1	1.1686	6.4874	.50636	.07312	71.905	.32096	.21752
#2	1.1836	6.6128	.50759	.07259	72.473	.32293	.21719
#3	1.1772	6.7035	.50826	.07144	72.332	.32139	.21799

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.491	.44598	.34749	1.2948	2.6079	.73769	.21599
Stddev	.041	.00062	.00819	.0272	.0240	.00088	.00357
%RSD	.30482	.13887	2.3566	2.1034	.92178	.11895	1.6551

#1	13.443	.44665	.34231	1.3241	2.6091	.73854	.21188
#2	13.515	.44585	.35693	1.2703	2.5833	.73679	.21770
#3	13.515	.44544	.34323	1.2900	2.6313	.73775	.21839

Sample Name: K1457-07A Acquired: 2/15/2019 21:54:10 Type: Unk
Method: P4-ICP2(v2866) 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	.22170	5.824	.29413	3.7376	F<.00000
Stddev	.00361	.008	.00213	.3440	.33773
%RSD	1.6283	.1407	.72406	9.2043	10.791
#1	.22082	5.815	.29218	4.0661	-3.1118
#2	.22566	5.829	.29640	3.7669	-3.4759
#3	.21860	5.829	.29380	3.3799	-2.8012
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3043.9	35928.	3519.9	14.324	3268.4
Stddev	14.6	139.	12.1	1.022	9.2
%RSD	.47899	.38627	.34260	7.1366	.28239
#1	3029.3	36003.	3506.1	15.505	3259.3
#2	3044.0	35768.	3525.3	13.725	3268.1
#3	3058.5	36014.	3528.4	13.743	3277.8

Sample Name: K1457-08 Acquired: 2/15/2019 21:58:16 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00532	-.00084	.00254	.00385	.00081	.00135	.06992	-.00010
Stddev	.00053	.00099	.00099	.00158	.00159	.00749	.00514	.00006
%RSD	10.024	118.47	38.824	40.898	195.97	553.38	7.3555	56.713

#1	-.00489	-.00062	.00286	.00250	-.00033	.00276	.07388	-.00013
#2	-.00516	.00003	.00333	.00348	.00013	-.00674	.07177	-.00003
#3	-.00592	-.00191	.00143	.00558	.00263	.00804	.06410	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	44.843	.00027	.00405	.00434	.01865	1.1488	5.7478
Stddev	.00010	.429	.00017	.00032	.00057	.00202	.0015	.0792
%RSD	132.54	.95563	63.699	8.0109	13.089	10.834	.13038	1.3782

#1	-.00009	44.362	.00047	.00399	.00403	.01674	1.1495	5.6605
#2	.00003	45.184	.00016	.00376	.00399	.01845	1.1471	5.8151
#3	-.00016	44.984	.00019	.00440	.00499	.02076	1.1498	5.7677

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00060	205.45	-.00289	.03017	3.7465	.00234	.01017
Stddev	.00035	.00044	1.60	.00010	.00009	.0584	.00015	.01318
%RSD	226.77	73.176	.77739	3.5464	.29843	1.5593	6.5920	129.62

#1	-.00049	.00069	203.66	-.00283	.03027	3.7030	.00226	.02518
#2	.00022	.00098	206.72	-.00301	.03009	3.8129	.00252	.00488
#3	-.00019	.00012	205.98	-.00283	.03017	3.7237	.00224	.00046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1314	.69155	.00129	-.00012	.01290	.0055	.22810	4.2933
Stddev	.0308	.00673	.00080	.00148	.00189	.0007	.00198	.2426
%RSD	1.4473	.97264	62.049	1239.5	14.662	13.43	.86869	5.6508

#1	2.1018	.68864	.00071	-.00016	.01282	.0048	.22636	4.2333
#2	2.1634	.69925	.00220	-.00158	.01484	.0062	.23026	4.5603
#3	2.1291	.68678	.00096	.00138	.01106	.0054	.22768	4.0863

Sample Name: K1457-08 Acquired: 2/15/2019 21:58:16 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.2161
 Stddev .6158
 %RSD 8.5331

#1 7.4798
 #2 7.6561
 #3 6.5124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2976.9	35124.	3550.0	13.713	3132.1
Stddev	15.2	154.	17.5	.238	9.5
%RSD	.50951	.43731	.49218	1.7353	.30219

#1	2959.4	34952.	3563.3	13.852	3121.2
#2	2986.0	35172.	3530.2	13.439	3138.4
#3	2985.4	35247.	3556.4	13.850	3136.7

Sample Name: K1457-09 Acquired: 2/15/2019 22:02:44 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.00159	.00452	.00108	.00019	.65010	.08034	-.00005
Stddev	.00309	.00051	.00054	.00036	.00104	.01700	.00497	.00001
%RSD	173.56	32.050	11.884	33.793	542.23	2.6158	6.1804	10.064

#1	-.00320	-.00180	.00474	.00148	-.00066	.64042	.07555	-.00006
#2	-.00390	-.00196	.00390	.00099	.00135	.64014	.08546	-.00005
#3	.00176	-.00101	.00490	.00077	-.00011	.66973	.08001	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	22.507	.00176	.00095	.00475	.60678	.30317	2.7797
Stddev	.00009	.145	.00003	.00016	.00017	.00656	.00082	.0616
%RSD	75.194	.64344	1.4402	16.393	3.5305	1.0808	.27174	2.2158

#1	-.00018	22.350	.00174	.00088	.00494	.61315	.30237	2.8413
#2	-.00002	22.533	.00179	.00113	.00469	.60005	.30313	2.7796
#3	-.00015	22.636	.00175	.00084	.00463	.60715	.30401	2.7181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00023	114.57	.00007	.02424	3.6615	.00149	-.00038
Stddev	.00027	.00035	.20	.00016	.00016	.0393	.00026	.00585
%RSD	66.434	153.21	.17786	232.16	.66378	1.0744	17.597	1536.7

#1	.00011	.00004	114.34	-.00003	.02421	3.6382	.00141	-.00608
#2	.00047	.00001	114.72	-.00002	.02409	3.6393	.00129	.00561
#3	.00065	.00063	114.66	.00026	.02441	3.7069	.00179	-.00067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9649	1.6229	.00118	.01856	.00805	.0478	.09475	3.3511
Stddev	.0210	.0217	.00054	.00283	.00237	.0015	.00025	.4269
%RSD	1.0684	1.3371	45.402	15.225	29.396	3.150	.26419	12.739

#1	1.9727	1.6390	.00142	.02164	.00950	.0474	.09449	3.2400
#2	1.9809	1.5982	.00156	.01610	.00532	.0495	.09499	3.8226
#3	1.9411	1.6316	.00057	.01792	.00934	.0465	.09477	2.9907

Sample Name: K1457-09 Acquired: 2/15/2019 22:02:44 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7820
 Stddev .4511
 %RSD 9.4333

#1 4.8883
 #2 5.1706
 #3 4.2873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.8	35932.	3600.3	13.590	3289.4
Stddev	14.8	98.	12.3	.362	11.8
%RSD	.48231	.27185	.34149	2.6643	.35983

#1	3058.3	35942.	3599.1	13.914	3277.2
#2	3066.8	36024.	3588.7	13.656	3290.2
#3	3087.1	35830.	3613.2	13.199	3300.8

Sample Name: K1457-10 Acquired: 2/15/2019 22:07:09 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00136	.00006	.00221	.00316	-.00576	.04663	-.00013
Stddev	.00111	.00105	.00052	.00227	.00212	.00801	.00198	.00006
%RSD	67.575	77.430	810.10	102.59	67.058	139.06	4.2362	49.936

#1	-.00143	-.00199	.00040	.00274	.00201	-.00866	.04676	-.00020
#2	-.00285	-.00014	-.00054	.00417	.00186	.00330	.04853	-.00007
#3	-.00066	-.00194	.00033	-.00028	.00560	-.01190	.04459	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	14.022	.00144	.00043	.00399	.01666	.27861	1.6030
Stddev	.00006	.054	.00032	.00011	.00042	.00250	.00156	.0452
%RSD	68.618	.38460	22.021	26.882	10.475	15.032	.55888	2.8202

#1	-.00017	13.978	.00166	.00050	.00370	.01916	.27855	1.6356
#2	-.00004	14.005	.00108	.00048	.00379	.01667	.28019	1.5514
#3	-.00007	14.082	.00158	.00030	.00447	.01415	.27708	1.6220

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00053	33.024	-.00068	.01500	2.2935	.00094	-.00312
Stddev	.00018	.00030	.020	.00013	.00013	.0405	.00009	.00699
%RSD	39.742	57.240	.05968	19.247	.86159	1.7654	9.6038	223.84

#1	.00042	.00044	33.044	-.00054	.01495	2.2562	.00102	-.00372
#2	.00064	.00087	33.004	-.00079	.01515	2.2876	.00084	.00415
#3	.00029	.00028	33.024	-.00073	.01491	2.3366	.00096	-.00979

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87971	.77525	.00090	.00123	.00215	.0073	.08623	2.0809
Stddev	.01219	.01535	.00033	.00317	.00191	.0012	.00024	.4556
%RSD	1.3853	1.9805	36.731	258.05	89.173	17.14	.27867	21.896

#1	.86903	.78534	.00128	.00025	.00000	.0078	.08597	1.8894
#2	.89299	.78284	.00074	.00478	.00369	.0058	.08627	1.7523
#3	.87710	.75758	.00068	-.00134	.00275	.0082	.08645	2.6011

Sample Name: K1457-10 Acquired: 2/15/2019 22:07:09 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IDW-LIQUID-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5061
Stddev	.3864
%RSD	15.417

#1	2.8970
#2	2.1245
#3	2.4967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.4	37229.	3657.8	14.724	3481.8
Stddev	5.9	131.	25.5	1.263	13.0
%RSD	.18803	.35186	.69827	8.5763	.37338

#1	3163.8	37135.	3629.0	13.496	3496.7
#2	3161.7	37174.	3666.9	14.658	3476.4
#3	3152.6	37379.	3677.6	16.019	3472.4

Sample Name: K1349-05 Acquired: 2/15/2019 22:11:34 Type: Unk
Method: P4-ICP2(v2866) 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	.02385	-.08395	.18501	.01890	-.02905	144.36	.45543
Stddev	.00254	.00136	.00258	.00211	.00318	.29	.00272
%RSD	10.646	1.6225	1.3922	11.191	10.937	.20419	.59619

#1	.02455	-.08248	.18768	.02067	-.03262	144.10	.45630
#2	.02103	-.08517	.18481	.01948	-.02800	144.30	.45760
#3	.02596	-.08421	.18254	.01656	-.02653	144.68	.45239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01402	-.00490	127.62	.14974	.16522	.38247	221.61
Stddev	.00028	.00015	.26	.00086	.00055	.00069	1.43
%RSD	2.0176	3.0072	.20694	.57596	.33403	.18059	.64694

#1	.01375	-.00475	127.32	.14985	.16499	.38315	220.43
#2	.01401	-.00505	127.77	.14883	.16481	.38250	223.21
#3	.01431	-.00490	127.79	.15054	.16584	.38177	221.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6269	91.164	.19853	-.02389	13.720	.50569	.66593
Stddev	.0124	.297	.00043	.00051	.009	.00131	.00143
%RSD	.34200	.32600	.21732	2.1300	.06724	.25971	.21464

#1	3.6358	90.822	.19897	-.02414	13.710	.50606	.66724
#2	3.6127	91.359	.19852	-.02330	13.726	.50423	.66441
#3	3.6322	91.310	.19811	-.02422	13.726	.50677	.66615

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5451	.00334	.21589	4.1884	1.8438	.02610	4.1700
Stddev	.0368	.00035	.00254	.0133	.0081	.00182	.0215
%RSD	.43014	10.367	1.1786	.31638	.44119	6.9901	.51574

#1	8.5047	.00347	.21377	4.1768	1.8420	.02633	4.1471
#2	8.5541	.00360	.21871	4.2028	1.8367	.02417	4.1733
#3	8.5765	.00294	.21519	4.1855	1.8526	.02780	4.1897

Sample Name: K1349-05 Acquired: 2/15/2019 22:11:34 Type: Unk
 Method: P4-ICP2(v2866) 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	.15213	7.633	-.01680	<.00000	F<.00000
Stddev	.00293	.009	.00248	.35189	3.5466
%RSD	1.9286	.1177	14.772	11.781	1.0191

#1	.15001	7.638	-.01735	-3.2395	-351.99
#2	.15090	7.639	-.01896	-2.5849	-346.88
#3	.15548	7.623	-.01409	-3.1360	-345.18

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.8	43119.	4532.8	15.211	2993.1
Stddev	5.0	97.	7.7	.519	6.6
%RSD	.13836	.22517	.17002	3.4114	.22132

#1	3639.4	43145.	4541.2	15.798	2995.2
#2	3645.0	43200.	4531.1	15.025	2998.3
#3	3635.0	43011.	4526.0	14.812	2985.6

Sample Name: K1349-07 Acquired: 2/15/2019 22:16:00 Type: Unk
Method: P4-ICP2(v2866) 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	.02956	-.06706	.15726	.02032	-.02966	151.76	.80965
Stddev	.00319	.00106	.00189	.00447	.00193	.21	.00878
%RSD	10.789	1.5799	1.1995	22.008	6.4956	.13653	1.0845

#1	.02823	-.06587	.15924	.02158	-.03152	152.00	.80094
#2	.02725	-.06740	.15549	.02403	-.02979	151.66	.80951
#3	.03320	-.06790	.15704	.01535	-.02767	151.62	.81850

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01530	-.00669	66.384	.19066	.14408	.29004	220.49
Stddev	.00021	.00026	.278	.00218	.00048	.00148	1.77
%RSD	1.3543	3.8417	.41923	1.1430	.33404	.51020	.80138

#1	.01546	-.00643	66.091	.19318	.14443	.28873	218.71
#2	.01536	-.00670	66.645	.18935	.14353	.29164	222.24
#3	.01506	-.00694	66.415	.18947	.14428	.28973	220.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1010	50.883	.19151	-.02330	11.708	.58373	.59149
Stddev	.0099	.350	.00052	.00132	.056	.00787	.00446
%RSD	.31831	.68811	.27383	5.6863	.47992	1.3490	.75445

#1	3.1124	50.479	.19090	-.02483	11.644	.59280	.59579
#2	3.0961	51.066	.19174	-.02246	11.750	.57971	.58688
#3	3.0945	51.104	.19187	-.02261	11.728	.57867	.59178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.708	.00396	1.0944	3.9538	1.8946	.02137	3.4481
Stddev	.071	.00052	.0031	.0267	.0039	.00025	.0293
%RSD	.66331	13.232	.28243	.67485	.20334	1.1490	.85064

#1	10.639	.00449	1.0962	3.9235	1.8958	.02108	3.4147
#2	10.781	.00344	1.0963	3.9642	1.8978	.02149	3.4697
#3	10.703	.00395	1.0909	3.9737	1.8903	.02152	3.4600

Sample Name: K1349-07 Acquired: 2/15/2019 22:16:00 Type: Unk
 Method: P4-ICP2(v2866) 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	.16962	5.936	-.03052	<.00000	F<.00000
Stddev	.00025	.014	.00133	.45275	1.7865
%RSD	.14621	.2301	4.3546	13.412	.52971
#1	.16970	5.952	-.02910	-3.8845	-335.46
#2	.16982	5.930	-.03173	-3.2256	-339.03
#3	.16934	5.927	-.03073	-3.0171	-337.30
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.4	42768.	4446.8	14.471	3072.1
Stddev	1.3	236.	17.6	.284	18.3
%RSD	.03520	.55068	.39656	1.9600	.59507
#1	3634.2	42502.	4467.0	14.189	3053.1
#2	3636.8	42856.	4434.5	14.468	3089.5
#3	3635.3	42947.	4438.9	14.756	3073.8

Sample Name: CCV10 Acquired: 2/15/2019 22:20:26 Type: Unk
Method: P4-ICP2(v2866) 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	4.8752	5.0003	4.9505	4.8815	4.8829	9.3436	9.9983	.25432
Stddev	.0086	.0014	.0027	.0197	.0104	.0641	.0394	.00014
%RSD	.17677	.02868	.05515	.40346	.21334	.68654	.39459	.05601
#1	4.8818	5.0003	4.9502	4.8999	4.8915	9.2710	9.9540	.25416
#2	4.8654	4.9989	4.9480	4.8607	4.8713	9.3927	10.030	.25436
#3	4.8783	5.0018	4.9534	4.8840	4.8859	9.3669	10.011	.25443
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5003	25.370	1.0102	2.4817	1.2377	5.3489	2.4520	25.294
Stddev	.0034	.145	.0004	.0029	.0039	.0063	.0021	.154
%RSD	.13784	.57305	.04501	.11650	.31843	.11732	.08614	.60884
#1	2.5026	25.204	1.0103	2.4845	1.2421	5.3418	2.4520	25.133
#2	2.4963	25.431	1.0097	2.4787	1.2346	5.3511	2.4499	25.308
#3	2.5019	25.475	1.0105	2.4820	1.2363	5.3537	2.4541	25.440
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4976	1.2517	25.232	2.5391	2.4676	24.438	4.9949	4.8567
Stddev	.0052	.0041	.125	.0066	.0037	.090	.0081	.0544
%RSD	.20626	.32538	.49455	.26189	.15061	.37032	.16248	1.1210
#1	2.5032	1.2527	25.090	2.5315	2.4712	24.343	5.0040	4.7946
#2	2.4931	1.2472	25.321	2.5420	2.4638	24.523	4.9923	4.8960
#3	2.4965	1.2551	25.287	2.5439	2.4679	24.448	4.9884	4.8796
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8715	F 5.5758	4.9986	4.9790	4.9578	4.918	5.0244	F 4.2863
Stddev	.0716	.0349	.0134	.0273	.0317	.008	.0260	.1274
%RSD	1.4706	.62636	.26767	.54875	.63911	.1540	.51725	2.9723
#1	4.9540	5.5516	5.0132	4.9517	4.9243	4.913	4.9944	4.2903
#2	4.8252	5.5599	4.9870	4.9788	4.9873	4.914	5.0383	4.4117
#3	4.8352	5.6158	4.9955	5.0064	4.9618	4.927	5.0405	4.1569

Sample Name: CCV10 Acquired: 2/15/2019 22:20:26 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7715
Stddev .9082
%RSD 32.770

#1 3.8195
#2 2.2131
#3 2.2820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.5	35413.	3516.9	13.772	3144.8
Stddev	9.9	67.	5.4	1.193	7.7
%RSD	.32645	.18967	.15287	8.6628	.24629

#1	3027.4	35453.	3522.4	14.105	3135.8
#2	3041.8	35335.	3511.7	12.447	3148.6
#3	3046.4	35451.	3516.5	14.762	3149.8

Sample Name: CCB10 Acquired: 2/15/2019 22:24:25 Type: Unk
Method: P4-ICP2(v2866) 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	-.00135	.00081	-.00020	-.00024	.00253	-.00827	-.01403	.00003
Stddev	.00127	.00134	.00040	.00323	.00028	.00571	.00396	.00003
%RSD	93.945	164.25	204.31	1358.9	11.249	69.051	28.246	114.79
#1	-.00234	.00024	-.00045	-.00376	.00246	-.00204	-.01860	-.00000
#2	-.00178	.00234	-.00040	.00046	.00284	-.00952	-.01167	.00002
#3	.00008	-.00014	.00027	.00259	.00229	-.01325	-.01181	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00733	.00022	-.00006	-.00022	.00361	.00004	.06398
Stddev	.00006	.00569	.00039	.00011	.00022	.00119	.00001	.02250
%RSD	91.921	77.731	175.75	195.59	102.21	32.840	28.159	35.166
#1	.00004	.00999	.00048	-.00009	-.00009	.00376	.00004	.04466
#2	.00014	.00079	-.00023	.00007	-.00009	.00472	.00003	.08868
#3	.00002	.01120	.00042	-.00015	-.00047	.00236	.00005	.05860
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00032	.05234	-.00030	.00008	-.05671	.00039	-.00867
Stddev	.00023	.00031	.00384	.00018	.00011	.02143	.00017	.00644
%RSD	69.264	95.522	7.3329	60.617	126.34	37.798	43.645	74.232
#1	.00052	-.00000	.05282	-.00050	.00019	-.06541	.00057	-.01279
#2	.00041	.00060	.04829	-.00016	.00007	-.07242	.00023	-.00125
#3	.00007	.00036	.05592	-.00023	-.00002	-.03229	.00037	-.01197
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01068	-.00954	-.00012	-.00078	-.00003	.0012	.00009	F 1.7569
Stddev	.01124	.00360	.00037	.00065	.00305	.0013	.00011	.3209
%RSD	105.22	37.775	296.51	83.497	10183.	101.2	128.17	18.267
#1	.01890	-.00627	.00020	-.00085	-.00046	.0003	-.00001	1.6186
#2	.01526	-.01340	-.00005	-.00138	-.00284	.0027	.00006	1.5283
#3	-.00213	-.00894	-.00052	-.00010	.00321	.0007	.00021	2.1238

Sample Name: CCB10 Acquired: 2/15/2019 22:24:25 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .38124
Stddev	.14200
%RSD	37.248

#1	.26733
#2	.54034
#3	.33604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.9	37652.	3604.1	14.183	3596.9
Stddev	23.1	114.	29.1	1.138	28.3
%RSD	.71806	.30329	.80650	8.0215	.78605

#1	3202.6	37574.	3572.4	15.309	3572.7
#2	3248.1	37598.	3629.6	14.205	3628.0
#3	3218.0	37783.	3610.3	13.034	3590.1

Sample Name: K1350-05 Acquired: 2/15/2019 22:28:53 Type: Unk
Method: P4-ICP2(v2866) 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	.01630	-.12677	.26355	.01932	-.03092	133.47	.43526
Stddev	.00015	.00062	.00140	.00196	.00138	.30	.00606
%RSD	.92026	.49150	.53193	10.166	4.4498	.22508	1.3924

#1	.01613	-.12744	.26212	.01818	-.03230	133.17	.42876
#2	.01641	-.12620	.26361	.02159	-.03090	133.77	.44075
#3	.01635	-.12668	.26493	.01819	-.02955	133.46	.43627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01259	-.00492	54.379	.16803	.15064	.35069	223.19
Stddev	.00017	.00037	.222	.00181	.00033	.00242	.49
%RSD	1.3308	7.4443	.40832	1.0771	.22103	.69050	.22015

#1	.01259	-.00450	54.303	.16829	.15101	.35328	222.63
#2	.01277	-.00512	54.629	.16970	.15056	.34848	223.55
#3	.01243	-.00514	54.205	.16611	.15037	.35033	223.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4420	49.093	.19852	-.02420	10.638	.64283	.55482
Stddev	.0120	.228	.00040	.00059	.045	.00883	.00167
%RSD	.34865	.46520	.20132	2.4564	.41962	1.3742	.30053

#1	3.4558	48.834	.19816	-.02373	10.618	.63464	.55289
#2	3.4362	49.264	.19895	-.02487	10.689	.65220	.55573
#3	3.4340	49.181	.19844	-.02400	10.606	.64166	.55583

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.006	.00409	.16595	4.2506	1.4026	.02370	6.5936
Stddev	.033	.00028	.00334	.0130	.0201	.00064	.0111
%RSD	.32760	6.7767	2.0110	.30476	1.4317	2.7136	.16802

#1	9.9958	.00434	.16706	4.2387	1.3874	.02320	6.5961
#2	10.043	.00379	.16221	4.2644	1.4254	.02442	6.5815
#3	9.9797	.00412	.16860	4.2487	1.3951	.02346	6.6032

Sample Name: K1350-05 Acquired: 2/15/2019 22:28:53 Type: Unk
Method: P4-ICP2(v2866) 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	.09692	7.709	-.04994	<.00000	F<.00000
Stddev	.00250	.009	.00091	.46690	.52003
%RSD	2.5801	.1120	1.8194	10.506	.14427
#1	.09405	7.705	-.04980	-4.0382	-359.85
#2	.09804	7.719	-.05090	-4.9543	-360.76
#3	.09866	7.703	-.04910	-4.3395	-360.75
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3793.4	44948.	4680.3	14.733	3088.5
Stddev	14.8	90.	3.5	.574	6.1
%RSD	.38992	.20088	.07534	3.8932	.19836
#1	3776.4	44890.	4676.3	14.384	3093.5
#2	3803.4	45052.	4682.8	14.419	3090.3
#3	3800.3	44903.	4681.7	15.395	3081.6

Sample Name: K1350-07 Acquired: 2/15/2019 22:33:20 Type: Unk
Method: P4-ICP2(v2866) 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	.00837	-.12809	.23730	.01926	-.02719	107.11	.81438
Stddev	.00135	.00032	.00102	.00214	.00272	.48	.00292
%RSD	16.161	.25235	.43108	11.134	10.016	.45168	.35800

#1	.00879	-.12846	.23817	.01686	-.02411	106.62	.81103
#2	.00947	-.12792	.23754	.01991	-.02816	107.13	.81634
#3	.00686	-.12789	.23617	.02100	-.02930	107.58	.81576

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01266	-.00489	82.565	.24478	.13462	.38586	208.35
Stddev	.00010	.00024	.589	.00189	.00067	.00217	1.26
%RSD	.75660	4.8949	.71377	.77119	.49492	.56195	.60524

#1	.01256	-.00476	81.935	.24400	.13539	.38607	207.19
#2	.01266	-.00516	82.656	.24340	.13417	.38359	209.69
#3	.01275	-.00474	83.103	.24693	.13431	.38791	208.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1768	66.395	.25695	-.02384	15.228	.36645	.71676
Stddev	.0084	.452	.00082	.00062	.109	.00368	.00123
%RSD	.26509	.68029	.31878	2.6039	.71583	1.0041	.17127

#1	3.1823	65.879	.25624	-.02390	15.125	.36293	.71636
#2	3.1671	66.586	.25677	-.02319	15.218	.36616	.71813
#3	3.1811	66.720	.25785	-.02442	15.342	.37027	.71578

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.429	.00950	.12785	F 11.145	1.9060	.02289	6.4287
Stddev	.334	.00022	.01021	.030	.0155	.00044	.0425
%RSD	.97022	2.2667	7.9892	.26539	.81235	1.9170	.66137

#1	34.049	.00941	.11633	11.170	1.8881	.02262	6.3820
#2	34.677	.00975	.13143	11.112	1.9140	.02340	6.4391
#3	34.561	.00935	.13579	11.154	1.9157	.02265	6.4651

Sample Name: K1350-07 Acquired: 2/15/2019 22:33:20 Type: Unk
 Method: P4-ICP2(v2866) 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	.19178	F 11.32	-.06435	<.00000	F<.00000
Stddev	.00127	.01	.00118	.47100	1.0541
%RSD	.66464	.1050	1.8317	10.852	.32394
#1	.19060	11.32	-.06428	-4.2302	-324.25
#2	.19161	11.30	-.06557	-3.9338	-325.64
#3	.19313	11.33	-.06321	-4.8564	-326.32
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3756.8	44388.	4615.0	13.886	2999.4
Stddev	4.7	145.	16.6	.765	5.6
%RSD	.12426	.32666	.35944	5.5062	.18594
#1	3759.2	44223.	4631.7	13.828	3001.8
#2	3759.7	44448.	4598.5	13.153	2993.1
#3	3751.4	44494.	4614.6	14.678	3003.5

Sample Name: K1350-09 Acquired: 2/15/2019 22:37:47 Type: Unk
Method: P4-ICP2(v2866) 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	.01215	-.06291	.78880	.01872	-.02386	96.081	.77783
Stddev	.00172	.00208	.00204	.00248	.00156	.689	.00812
%RSD	14.193	3.3132	.25854	13.249	6.5414	.71762	1.0443

#1	.01191	-.06188	.78645	.02054	-.02333	95.383	.78329
#2	.01056	-.06155	.79010	.01590	-.02562	96.762	.76850
#3	.01399	-.06531	.78985	.01973	-.02264	96.098	.78172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01176	-.00439	111.52	.25338	.12246	.28866	185.71
Stddev	.00010	.00051	.95	.00109	.00067	.00266	3.88
%RSD	.81438	11.519	.85371	.43126	.54644	.92189	2.0901

#1	.01186	-.00468	111.91	.25215	.12309	.28739	187.84
#2	.01173	-.00380	110.44	.25376	.12254	.29172	181.23
#3	.01168	-.00467	112.22	.25424	.12175	.28688	188.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2677	68.834	.19720	-.01840	8.6543	.32495	.81693
Stddev	.0102	.604	.00172	.00074	.0750	.00221	.00260
%RSD	.31277	.87760	.87024	4.0430	.86711	.67966	.31812

#1	3.2708	68.759	.19836	-.01802	8.7021	.32246	.81982
#2	3.2761	68.270	.19801	-.01926	8.5678	.32668	.81480
#3	3.2563	69.471	.19523	-.01792	8.6931	.32571	.81617

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.666	.00565	.12240	F 15.027	1.9834	.03171	3.1221
Stddev	.162	.00039	.00874	.132	.0205	.00049	.0084
%RSD	1.1044	6.9737	7.1409	.87607	1.0324	1.5357	.27027

#1	14.804	.00544	.12848	15.176	1.9914	.03207	3.1145
#2	14.488	.00541	.11238	14.929	1.9601	.03191	3.1207
#3	14.705	.00611	.12633	14.975	1.9987	.03115	3.1312

Sample Name: K1350-09 Acquired: 2/15/2019 22:37:47 Type: Unk
Method: P4-ICP2(v2866) 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	.15318	9.740	.03458	<.00000	F<.00000
Stddev	.00141	.025	.00239	.06400	4.6096
%RSD	.92296	.2612	6.9032	2.0150	1.6305
#1	.15158	9.767	.03321	-3.1970	-280.28
#2	.15424	9.737	.03734	-3.2272	-279.83
#3	.15372	9.717	.03320	-3.1044	-288.03
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3725.6	44073.	4591.4	14.969	3031.7
Stddev	5.2	107.	55.7	1.467	16.2
%RSD	.14088	.24364	1.2138	9.8027	.53279
#1	3725.8	44071.	4539.4	16.646	3016.0
#2	3730.8	43966.	4650.2	14.342	3048.2
#3	3720.3	44181.	4584.5	13.919	3031.0

Sample Name: K1350-09DUP Acquired: 2/15/2019 22:42:14 Type: Unk
Method: P4-ICP2(v2866) 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	.01247	-.06490	.84820	.01961	-.02336	96.883	.79317
Stddev	.00183	.00224	.00311	.00298	.00084	.391	.00597
%RSD	14.644	3.4580	.36692	15.182	3.6106	.40340	.75209

#1	.01457	-.06555	.84469	.02248	-.02427	96.433	.80004
#2	.01158	-.06675	.85061	.01654	-.02261	97.081	.78943
#3	.01126	-.06240	.84930	.01980	-.02320	97.135	.79002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01205	-.00470	112.45	.25438	.11956	.29705	188.15
Stddev	.00019	.00025	.71	.00097	.00032	.00220	2.31
%RSD	1.5884	5.2596	.62924	.38027	.27048	.73952	1.2292

#1	.01227	-.00499	112.82	.25364	.11967	.29452	190.69
#2	.01198	-.00455	111.63	.25547	.11981	.29818	186.16
#3	.01190	-.00457	112.89	.25402	.11919	.29845	187.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3542	69.300	.20480	-.01851	8.8577	.32777	.84092
Stddev	.0090	.298	.00066	.00069	.0742	.00084	.00265
%RSD	.26782	.42975	.32067	3.7100	.83812	.25596	.31505

#1	3.3438	69.373	.20536	-.01775	8.9021	.32756	.84380
#2	3.3590	68.972	.20496	-.01908	8.7720	.32869	.84038
#3	3.3597	69.554	.20408	-.01870	8.8989	.32705	.83858

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.523	.00545	.12447	F 11.951	2.0934	.03375	3.1532
Stddev	.165	.00026	.00762	.053	.0084	.00055	.0054
%RSD	1.1393	4.6971	6.1196	.44737	.40028	1.6407	.17004

#1	14.705	.00519	.12714	12.009	2.0964	.03419	3.1487
#2	14.383	.00571	.11588	11.904	2.0839	.03313	3.1591
#3	14.481	.00546	.13039	11.941	2.0998	.03394	3.1517

Sample Name: K1350-09DUP Acquired: 2/15/2019 22:42:14 Type: Unk
 Method: P4-ICP2(v2866) 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	.15998	9.822	.05180	<.00000	F<.00000
Stddev	.00163	.005	.00105	.33747	1.9112
%RSD	1.0169	.0476	2.0265	10.082	.67206
#1	.16177	9.826	.05083	-2.9730	-282.38
#2	.15956	9.817	.05164	-3.4402	-284.57
#3	.15860	9.824	.05291	-3.6284	-286.18
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.2	43674.	4525.2	15.271	3031.4
Stddev	7.8	101.	45.0	.159	7.6
%RSD	.20949	.23074	.99443	1.0409	.24968
#1	3712.1	43603.	4478.1	15.380	3027.0
#2	3697.8	43631.	4567.8	15.089	3027.1
#3	3699.7	43789.	4529.7	15.345	3040.1

Sample Name: K1350-09LX5 Acquired: 2/15/2019 22:46:42 Type: Unk
Method: P4-ICP2(v2866) 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	.00399	-.00918	.16378	.01196	-.00469	22.757	.17957
Stddev	.00249	.00150	.00026	.00195	.00239	.065	.00291
%RSD	62.338	16.368	.15958	16.336	51.016	.28654	1.6206

#1	.00534	-.01046	.16391	.01417	-.00255	22.720	.17898
#2	.00112	-.00753	.16347	.01129	-.00425	22.833	.18273
#3	.00550	-.00956	.16394	.01044	-.00727	22.719	.17700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00287	28.364	.06378	.02497	.07334	54.479
Stddev	.00006	.00006	.320	.00012	.00033	.00035	.578
%RSD	1.9526	2.1880	1.1268	.18512	1.3155	.48349	1.0605

#1	.00315	-.00285	28.506	.06389	.02480	.07331	54.726
#2	.00312	-.00294	28.589	.06379	.02534	.07300	54.892
#3	.00324	-.00283	27.999	.06365	.02475	.07371	53.819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83050	17.586	.04097	-.00349	2.1789	.08052	.15931
Stddev	.00183	.166	.00045	.00045	.0039	.00085	.00063
%RSD	.22091	.94441	1.0873	12.826	.17925	1.0516	.39485

#1	.83103	17.734	.04084	-.00304	2.1818	.07957	.15959
#2	.83202	17.617	.04060	-.00350	2.1806	.08081	.15859
#3	.82846	17.407	.04146	-.00393	2.1745	.08119	.15975

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5971	.00193	.03009	2.8163	.51121	.00884	.77652
Stddev	.0488	.00021	.00347	.0249	.00492	.00023	.00420
%RSD	1.3556	11.040	11.521	.88565	.96237	2.6339	.54094

#1	3.5940	.00208	.03216	2.8016	.51279	.00891	.77167
#2	3.6473	.00168	.03202	2.8451	.51514	.00857	.77908
#3	3.5499	.00202	.02609	2.8023	.50569	.00902	.77880

Sample Name: K1350-09LX5 Acquired: 2/15/2019 22:46:42 Type: Unk
Method: P4-ICP2(v2866) 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	.03715	1.945	.00176	1.4268	F<.00000
Stddev	.00145	.004	.00084	.0904	1.0354
%RSD	3.8905	.2296	47.627	6.3341	1.8982

#1	.03870	1.946	.00124	1.5221	-54.400
#2	.03585	1.939	.00132	1.3424	-55.650
#3	.03689	1.948	.00273	1.4158	-53.595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.0	38515.	3806.3	15.881	3315.6
Stddev	11.0	233.	54.7	1.607	8.6
%RSD	.33491	.60501	1.4384	10.119	.25894

#1	3268.4	38319.	3773.0	15.584	3305.7
#2	3288.8	38454.	3776.5	14.443	3321.2
#3	3285.7	38772.	3869.5	17.616	3319.9

Sample Name: K1350-09MS Acquired: 2/15/2019 22:51:01 Type: Unk
Method: P4-ICP2(v2866) 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	.63378	1.9301	2.0422	1.5526	.13586	102.10	.99341
Stddev	.00407	.0093	.0010	.0080	.00181	.74	.01349
%RSD	.64169	.48112	.04645	.51356	1.3346	.72242	1.3581

#1	.63837	1.9367	2.0432	1.5612	.13479	101.25	.99551
#2	.63234	1.9340	2.0422	1.5455	.13795	102.46	1.0057
#3	.63062	1.9195	2.0413	1.5510	.13483	102.58	.97900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17802	.19267	108.07	.49067	.31063	.64340	183.25
Stddev	.00008	.00027	.87	.00229	.00061	.00173	1.86
%RSD	.04353	.14027	.80674	.46666	.19487	.26842	1.0126

#1	.17801	.19235	108.44	.48882	.31002	.64444	185.09
#2	.17795	.19281	108.70	.48995	.31123	.64435	183.28
#3	.17810	.19283	107.08	.49323	.31065	.64140	181.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5964	69.082	.68528	.04238	11.078	.54645	1.1750
Stddev	.0049	.463	.00130	.00011	.114	.00144	.0039
%RSD	.13573	.67050	.18962	.24940	1.0253	.26413	.32961

#1	3.5950	68.991	.68455	.04226	11.130	.54606	1.1710
#2	3.5923	69.584	.68678	.04246	11.156	.54805	1.1752
#3	3.6018	68.671	.68451	.04241	10.948	.54524	1.1787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.019	.31087	.31563	9.4330	1.8965	.72170	2.9733
Stddev	.191	.00180	.00550	.0673	.0223	.00373	.0081
%RSD	.86868	.57956	1.7417	.71341	1.1755	.51632	.27260

#1	22.177	.31280	.32149	9.3585	1.9208	.71772	2.9640
#2	22.073	.31058	.31480	9.4894	1.8914	.72510	2.9767
#3	21.806	.30923	.31059	9.4511	1.8771	.72229	2.9790

Sample Name: K1350-09MS Acquired: 2/15/2019 22:51:01 Type: Unk
 Method: P4-ICP2(v2866) 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	.32749	F 13.72	.15055	<.00000	F<.00000
Stddev	.00077	.05	.00279	.11159	1.6893
%RSD	.23441	.3764	1.8554	5.6122	.62361
#1	.32768	13.66	.14971	-2.0596	-272.80
#2	.32814	13.75	.15366	-1.8598	-270.26
#3	.32664	13.76	.14827	-2.0458	-269.60
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.2	43471.	4461.1	13.909	3004.8
Stddev	4.2	60.	49.0	.632	10.9
%RSD	.11624	.13768	1.0982	4.5432	.36137
#1	3652.5	43538.	4420.6	14.579	3016.9
#2	3647.8	43450.	4447.1	13.323	3001.5
#3	3656.2	43424.	4515.6	13.824	2996.0

Sample Name: K1350-09MSD Acquired: 2/15/2019 22:55:21 Type: Unk
Method: P4-ICP2(v2866) 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	.63516	1.9185	1.9978	1.5548	.13468	103.07	.99740
Stddev	.00541	.0024	.0015	.0010	.00164	1.20	.00263
%RSD	.85101	.12600	.07368	.06355	1.2213	1.1676	.26333

#1	.64063	1.9171	1.9980	1.5548	.13319	101.69	.99619
#2	.63503	1.9212	1.9992	1.5558	.13440	103.86	1.0004
#3	.62982	1.9170	1.9963	1.5538	.13645	103.67	.99559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17754	.19224	108.72	.48985	.31045	.64341	184.15
Stddev	.00025	.00010	.29	.00151	.00086	.00198	1.17
%RSD	.13940	.05249	.26774	.30786	.27558	.30765	.63416

#1	.17731	.19213	108.39	.48859	.31061	.64447	185.34
#2	.17780	.19234	108.84	.49152	.31122	.64465	184.11
#3	.17750	.19224	108.94	.48943	.30953	.64113	183.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5797	69.436	.68401	.04284	11.142	.54553	1.1720
Stddev	.0108	.263	.00141	.00037	.044	.00182	.0012
%RSD	.30178	.37810	.20609	.86114	.39584	.33363	.10125

#1	3.5680	69.524	.68523	.04278	11.092	.54478	1.1711
#2	3.5893	69.644	.68433	.04324	11.163	.54420	1.1716
#3	3.5819	69.141	.68247	.04251	11.173	.54761	1.1733

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.184	.30804	.31702	9.5765	1.9032	.72000	2.9867
Stddev	.048	.00100	.01700	.0499	.0196	.00085	.0048
%RSD	.21721	.32519	5.3629	.52079	1.0303	.11867	.16176

#1	22.164	.30911	.30128	9.6328	1.9240	.72085	2.9812
#2	22.239	.30790	.31473	9.5587	1.9008	.71914	2.9903
#3	22.150	.30712	.33505	9.5380	1.8850	.72001	2.9886

Sample Name: K1350-09MSD Acquired: 2/15/2019 22:55:21 Type: Unk
Method: P4-ICP2(v2866) 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	.32710	F 13.69	.15254	<.00000	F<.00000
Stddev	.00142	.01	.00249	.05065	1.6846
%RSD	.43331	.0487	1.6316	2.3479	.61911
#1	.32852	13.69	.14979	-2.1723	-273.54
#2	.32569	13.69	.15320	-2.1987	-270.25
#3	.32708	13.70	.15464	-2.1008	-272.52
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3658.3	43231.	4428.2	14.786	3007.2
Stddev	3.2	147.	29.2	.830	3.7
%RSD	.08769	.34058	.65835	5.6109	.12393
#1	3656.0	43387.	4401.1	13.881	3007.8
#2	3662.0	43094.	4424.4	14.966	3010.5
#3	3656.9	43213.	4459.1	15.510	3003.2

Sample Name: K1350-09A Acquired: 2/15/2019 22:59:42 Type: Unk
Method: P4-ICP2(v2866) 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	.64064	1.9194	2.0485	1.5617	.13669	102.19	.98970
Stddev	.00316	.0018	.0018	.0048	.00195	.77	.00696
%RSD	.49367	.09554	.08730	.30765	1.4293	.75094	.70304

#1	.64097	1.9185	2.0488	1.5649	.13845	101.65	.99609
#2	.64362	1.9182	2.0501	1.5639	.13704	101.85	.99073
#3	.63732	1.9215	2.0465	1.5561	.13459	103.07	.98229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17758	.19229	107.44	.48950	.30935	.64222	181.92
Stddev	.00058	.00056	.68	.00089	.00102	.00183	2.21
%RSD	.32926	.29001	.63412	.18153	.32848	.28485	1.2126

#1	.17784	.19201	108.17	.49050	.30850	.64015	183.74
#2	.17798	.19193	107.31	.48922	.30908	.64364	182.56
#3	.17691	.19293	106.83	.48879	.31048	.64285	179.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6002	68.678	.68042	.04238	10.997	.54386	1.1499
Stddev	.0114	.553	.00100	.00017	.082	.00192	.0024
%RSD	.31659	.80505	.14733	.39096	.74334	.35383	.20619

#1	3.5975	68.991	.68088	.04235	11.081	.54607	1.1490
#2	3.6128	69.004	.67927	.04224	10.994	.54254	1.1481
#3	3.5905	68.040	.68111	.04256	10.918	.54298	1.1526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.865	.31155	.31672	9.3735	1.8944	.71978	2.9661
Stddev	.137	.00060	.00768	.0110	.0343	.00050	.0057
%RSD	.62678	.19359	2.4259	.11706	1.8089	.06996	.19229

#1	21.983	.31157	.32557	9.3825	1.9184	.71920	2.9668
#2	21.897	.31215	.31287	9.3612	1.9097	.72011	2.9601
#3	21.715	.31094	.31172	9.3767	1.8552	.72003	2.9714

Sample Name: K1350-09A Acquired: 2/15/2019 22:59:42 Type: Unk
Method: P4-ICP2(v2866) 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	.32606	F 13.64	.15036	<.00000	F<.00000
Stddev	.00265	.04	.00061	.19143	1.0038
%RSD	.81219	.2914	.40393	9.8464	.37085
#1	.32447	13.62	.15041	-1.8446	-271.07
#2	.32912	13.61	.14973	-2.1649	-271.42
#3	.32460	13.68	.15095	-1.8231	-269.54
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.4	43316.	4465.7	14.472	3019.3
Stddev	1.6	39.	50.7	.751	7.7
%RSD	.04310	.08895	1.1346	5.1875	.25416
#1	3645.5	43335.	4425.0	14.231	3017.5
#2	3642.6	43342.	4449.6	13.871	3027.8
#3	3645.1	43272.	4522.4	15.313	3012.7

Sample Name: K1497-01 Acquired: 2/15/2019 23:04:02 Type: Unk
Method: P4-ICP2(v2866) 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	-.00199	.00042	-.00129	.00082	.00121	.00484	-.02202	-.00005
Stddev	.00196	.00112	.00044	.00131	.00130	.00751	.00066	.00002
%RSD	98.450	269.31	33.820	159.16	107.72	155.00	2.9816	42.344

#1	-.00004	-.00077	-.00132	.00120	.00128	-.00263	-.02263	-.00004
#2	-.00396	.00057	-.00084	.00189	-.00013	.01239	-.02132	-.00007
#3	-.00197	.00146	-.00171	-.00063	.00247	.00477	-.02209	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.03008	.00112	-.00016	.00027	.00501	.00028	.09359
Stddev	.00007	.00784	.00013	.00006	.00032	.00180	.00001	.02999
%RSD	218.87	26.062	12.093	35.654	117.22	35.848	4.9688	32.047

#1	-.00002	.02281	.00099	-.00022	.00024	.00571	.00029	.09891
#2	.00003	.02903	.00110	-.00011	-.00003	.00297	.00028	.06129
#3	-.00010	.03839	.00126	-.00015	.00061	.00634	.00026	.12056

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00001	.02172	-.00059	.01293	.01956	.00019	-.01445
Stddev	.00025	.00058	.00662	.00058	.00009	.01074	.00029	.00295
%RSD	46.684	6032.5	30.484	98.894	.65930	54.922	151.48	20.425

#1	.00083	-.00054	.02875	-.00048	.01287	.00717	.00052	-.01155
#2	.00036	.00062	.01561	-.00122	.01303	.02623	.00011	-.01435
#3	.00043	-.00005	.02079	-.00007	.01290	.02527	-.00005	-.01745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02990	.00695	.00068	.00144	-.00011	.0023	.00014	1.3027
Stddev	.00586	.00322	.00043	.00273	.00106	.0007	.00016	.2128
%RSD	19.586	46.293	64.046	189.15	997.96	30.02	114.19	16.338

#1	.02493	.00941	.00035	.00401	-.00117	.0031	.00031	1.4878
#2	.03636	.00331	.00052	.00174	.00095	.0018	.00006	1.3503
#3	.02842	.00812	.00117	-.00142	-.00009	.0020	.00003	1.0702

Sample Name: K1497-01 Acquired: 2/15/2019 23:04:02 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .28069
%RSD 135.11

#1 -.38232
#2 -.35695
#3 .11604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.0	38027.	3644.8	13.952	3598.4
Stddev	7.2	61.	82.1	.487	2.1
%RSD	.22351	.15975	2.2526	3.4912	.05764

#1	3227.9	37963.	3586.9	14.511	3597.9
#2	3224.2	38033.	3738.8	13.718	3600.7
#3	3214.0	38084.	3608.7	13.625	3596.7

Sample Name: K1497-01DUP Acquired: 2/15/2019 23:08:30 Type: Unk
Method: P4-ICP2(v2866) 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	-.00332	-.00159	-.00156	.00047	.00310	-.00794	-.02244	-.00009
Stddev	.00375	.00129	.00072	.00160	.00185	.00935	.00357	.00003
%RSD	113.06	81.615	46.412	343.06	59.598	117.71	15.912	34.839

#1	-.00372	-.00308	-.00236	-.00068	.00366	.00285	-.02188	-.00010
#2	.00062	-.00077	-.00137	-.00022	.00104	-.01326	-.01918	-.00006
#3	-.00686	-.00090	-.00095	.00230	.00461	-.01342	-.02626	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.02131	.00090	-.00012	-.00021	.00515	.00020	.06611
Stddev	.00004	.01806	.00023	.00012	.00022	.00141	.00002	.05193
%RSD	72.776	84.740	26.191	104.00	102.51	27.411	9.6610	78.549

#1	-.00001	.04047	.00073	.00001	-.00031	.00505	.00019	.06944
#2	-.00007	.01886	.00117	-.00013	-.00037	.00379	.00019	.01259
#3	-.00009	.00460	.00079	-.00023	.00004	.00661	.00022	.11629

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	.00008	.01302	-.00014	.01178	-.07883	.00027	-.01628
Stddev	.00004	.00033	.00506	.00013	.00012	.03456	.00015	.00186
%RSD	4.6370	389.26	38.836	94.299	1.0343	43.839	53.871	11.436

#1	.00080	.00011	.01848	-.00028	.01182	-.04280	.00039	-.01800
#2	.00088	.00040	.01207	-.00007	.01187	-.08199	.00032	-.01653
#3	.00086	-.00026	.00850	-.00006	.01164	-.11171	.00011	-.01431

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03512	.00539	.00018	-.00055	-.00146	.0014	.00010	1.6927
Stddev	.01877	.00239	.00084	.00099	.00089	.0005	.00002	.1190
%RSD	53.455	44.431	477.94	179.31	60.779	36.15	15.926	7.0295

#1	.01818	.00805	.00114	-.00151	-.00085	.0010	.00009	1.7933
#2	.03187	.00469	-.00039	-.00061	-.00105	.0020	.00010	1.7235
#3	.05531	.00342	-.00022	.00047	-.00247	.0014	.00012	1.5613

Sample Name: K1497-01DUP Acquired: 2/15/2019 23:08:30 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .26489
Stddev .55491
%RSD 209.48

#1 .58900
#2 -.37585
#3 .58152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.6	38159.	3606.8	15.216	3589.4
Stddev	15.3	50.	8.5	1.150	18.0
%RSD	.47712	.13149	.23589	7.5601	.50084

#1	3232.4	38192.	3597.9	15.702	3608.9
#2	3202.4	38101.	3607.4	16.043	3573.4
#3	3212.0	38184.	3614.9	13.902	3586.0

Sample Name: CCV11 Acquired: 2/15/2019 23:12:59 Type: Unk
Method: P4-ICP2(v2866) 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	4.7989	4.9545	4.9020	4.7994	4.8163	9.2634	9.9195	.25213
Stddev	.0153	.0263	.0288	.0162	.0218	.0654	.0667	.00101
%RSD	.31908	.53106	.58678	.33642	.45194	.70601	.67255	.39875
#1	4.8041	4.9743	4.9251	4.8059	4.8313	9.2184	9.8433	.25270
#2	4.7816	4.9247	4.8697	4.7810	4.7913	9.3384	9.9479	.25273
#3	4.8109	4.9647	4.9111	4.8114	4.8262	9.2335	9.9673	.25097
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4764	25.246	1.0090	2.4538	1.2235	5.3619	2.4448	25.222
Stddev	.0128	.099	.0024	.0122	.0041	.0198	.0113	.171
%RSD	.51667	.39346	.23368	.49761	.33694	.36990	.46392	.67712
#1	2.4862	25.131	1.0082	2.4647	1.2250	5.3746	2.4484	25.055
#2	2.4619	25.306	1.0116	2.4406	1.2189	5.3390	2.4539	25.215
#3	2.4810	25.301	1.0071	2.4562	1.2267	5.3721	2.4321	25.396
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4735	1.2403	25.030	2.5258	2.4376	24.237	4.9414	4.8392
Stddev	.0130	.0021	.168	.0021	.0126	.018	.0166	.0121
%RSD	.52541	.16884	.67203	.08352	.51725	.07384	.33528	.25000
#1	2.4857	1.2391	24.838	2.5233	2.4475	24.251	4.9496	4.8401
#2	2.4598	1.2428	25.101	2.5269	2.4234	24.244	4.9224	4.8267
#3	2.4750	1.2392	25.152	2.5271	2.4419	24.217	4.9524	4.8508
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8358	F 5.5526	4.9578	4.9459	4.9005	4.883	4.9702	F 3.9870
Stddev	.0511	.0279	.0283	.0198	.0215	.012	.0307	.0933
%RSD	1.0574	.50272	.57144	.40037	.43855	.2366	.61763	2.3390
#1	4.8593	5.5404	4.9770	4.9244	4.8762	4.879	4.9351	4.0641
#2	4.7772	5.5329	4.9253	4.9635	4.9168	4.875	4.9834	3.8834
#3	4.8710	5.5846	4.9711	4.9498	4.9087	4.897	4.9921	4.0137

Sample Name: CCV11 Acquired: 2/15/2019 23:12:59 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5245
Stddev	1.0487
%RSD	41.539

#1	3.2337
#2	1.3199
#3	3.0199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.1	35636.	3513.6	13.440	3182.1
Stddev	10.6	180.	11.4	1.148	15.6
%RSD	.34438	.50471	.32386	8.5408	.49037

#1	3069.1	35527.	3502.0	13.033	3167.7
#2	3089.8	35538.	3524.7	14.736	3198.6
#3	3075.4	35844.	3514.1	12.552	3179.9

Sample Name: CCB11 Acquired: 2/15/2019 23:16:59 Type: Unk
Method: P4-ICP2(v2866) 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	.00130	.00119	-.00025	.00208	.00250	-.00984	-.01391	.00002
Stddev	.00156	.00085	.00061	.00237	.00147	.00349	.00312	.00001
%RSD	120.14	71.632	243.61	114.18	58.735	35.423	22.396	39.755
#1	.00223	.00209	-.00064	.00475	.00404	-.01280	-.01123	.00003
#2	-.00050	.00040	-.00056	.00020	.00111	-.00600	-.01318	.00002
#3	.00216	.00107	.00045	.00129	.00235	-.01072	-.01733	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00956	.00038	-.00004	-.00007	.00331	.00006	.08377
Stddev	.00010	.01712	.00028	.00020	.00047	.00108	.00001	.03640
%RSD	148.74	179.03	74.019	506.18	649.68	32.717	17.797	43.447
#1	.00005	.01410	.00061	.00019	.00038	.00261	.00007	.07357
#2	-.00011	-.00937	.00007	-.00013	-.00055	.00276	.00005	.05356
#3	-.00014	.02396	.00047	-.00018	-.00004	.00456	.00007	.12418
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00041	.01184	-.00056	.00011	-.02647	.00053	-.01081
Stddev	.00030	.00010	.00563	.00014	.00010	.03310	.00018	.00624
%RSD	64.758	25.152	47.518	25.130	91.470	125.04	33.956	57.755
#1	.00022	.00053	.01405	-.00040	.00010	.01143	.00044	-.01347
#2	.00079	.00034	.01603	-.00066	.00001	-.04113	.00041	-.01528
#3	.00036	.00036	.00545	-.00063	.00021	-.04972	.00073	-.00368
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02786	-.00803	-.00008	.00137	.00160	.0017	.00008	F 2.5360
Stddev	.00582	.00125	.00025	.00124	.00216	.0010	.00006	.1623
%RSD	20.884	15.618	314.06	90.250	134.86	59.56	81.769	6.3991
#1	.03050	-.00699	-.00019	.00123	.00173	.0021	.00006	2.7226
#2	.03188	-.00767	.00020	.00268	.00370	.0006	.00015	2.4279
#3	.02119	-.00942	-.00025	.00021	-.00062	.0026	.00002	2.4574

Sample Name: CCB11 Acquired: 2/15/2019 23:16:59 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .57776
Stddev	.24920
%RSD	43.132

#1	.69307
#2	.29179
#3	.74843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3200.9	37445.	3546.8	12.901	3560.3
Stddev	18.3	72.	4.8	1.932	36.0
%RSD	.57050	.19128	.13435	14.974	1.0113

#1	3212.5	37368.	3545.4	12.827	3580.0
#2	3179.9	37510.	3552.1	11.007	3518.7
#3	3210.5	37457.	3542.9	14.868	3582.2

Sample Name: K1497-01LX5 Acquired: 2/15/2019 23:21:28 Type: Unk
Method: P4-ICP2(v2866) 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	-.00055	-.00054	-.00036	.00246	.00123	-.01165	-.01459	.00002
Stddev	.00048	.00097	.00047	.00130	.00125	.01180	.00149	.00002
%RSD	87.469	180.57	133.07	52.885	101.14	101.36	10.181	81.029

#1	-.00109	-.00125	-.00050	.00230	.00187	-.02464	-.01495	.00002
#2	-.00016	-.00094	-.00074	.00384	.00203	-.00158	-.01296	.00001
#3	-.00041	.00057	.00017	.00125	-.00020	-.00872	-.01587	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00217	.00032	-.00015	-.00005	.00200	.00012	.07228
Stddev	.00003	.01428	.00039	.00027	.00017	.00174	.00003	.04836
%RSD	63.379	658.49	120.98	181.64	328.76	86.993	24.381	66.910

#1	-.00001	.00282	.00047	.00005	-.00025	.00387	.00014	.11096
#2	-.00006	-.01242	-.00012	-.00004	.00007	.00043	.00013	.08782
#3	-.00005	.01611	.00061	-.00046	.00003	.00170	.00009	.01806

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00012	.00304	-.00020	.00282	-.06836	.00005	-.01849
Stddev	.00002	.00026	.00327	.00008	.00008	.02733	.00005	.00277
%RSD	13.037	222.02	107.66	38.869	2.8165	39.979	113.79	15.002

#1	.00015	.00015	.00258	-.00026	.00277	-.04612	.00011	-.01615
#2	.00020	-.00013	.00002	-.00011	.00291	-.06010	.00003	-.02155
#3	.00018	-.00037	.00652	-.00024	.00278	-.09887	.00001	-.01777

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00885	-.00711	.00016	.00035	-.00284	.0029	.00007	2.1262
Stddev	.01015	.00308	.00018	.00130	.00191	.0008	.00016	.2246
%RSD	114.71	43.400	108.41	366.79	67.015	28.69	220.38	10.561

#1	-.00287	-.00622	.00021	-.00054	-.00405	.0022	.00021	2.2493
#2	.01492	-.00456	-.00003	-.00024	-.00065	.0038	.00011	2.2623
#3	.01449	-.01054	.00031	.00184	-.00383	.0027	-.00010	1.8670

Sample Name: K1497-01LX5 Acquired: 2/15/2019 23:21:28 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .40130
 Stddev .11380
 %RSD 28.358

#1 .38723
 #2 .52148
 #3 .29519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.6	37571.	3558.3	13.512	3535.5
Stddev	2.2	165.	11.3	.425	3.1
%RSD	.06963	.43836	.31881	3.1452	.08845

#1	3187.6	37519.	3556.1	13.548	3533.0
#2	3189.2	37756.	3548.2	13.070	3534.5
#3	3192.0	37439.	3570.5	13.918	3539.0

Sample Name: K1497-01MS Acquired: 2/15/2019 23:25:56 Type: Unk
Method: P4-ICP2(v2866) 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	.68968	1.8366	.88847	1.7224	.71506	1.6874	.17861
Stddev	.00098	.0015	.00145	.0022	.00094	.0280	.00262
%RSD	.14202	.08203	.16347	.13033	.13116	1.6580	1.4692

#1	.68902	1.8348	.88952	1.7250	.71539	1.6712	.17602
#2	.69081	1.8373	.88681	1.7214	.71578	1.6714	.17854
#3	.68923	1.8375	.88909	1.7209	.71400	1.7197	.18127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17729	.17480	1.0379	.38802	.18253	.28457	3.2047
Stddev	.00052	.00023	.0118	.00120	.00038	.00123	.0388
%RSD	.29183	.13203	1.1344	.31012	.21062	.43362	1.2108

#1	.17693	.17497	1.0266	.38887	.18296	.28591	3.2351
#2	.17789	.17454	1.0501	.38664	.18222	.28431	3.2180
#3	.17706	.17489	1.0370	.38856	.18241	.28349	3.1610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18903	1.9970	.45519	.06560	2.9704	.28910	.27777
Stddev	.00067	.0757	.00075	.00031	.0031	.00093	.00038
%RSD	.35297	3.7914	.16368	.47215	.10297	.32274	.13521

#1	.18908	1.9284	.45604	.06529	2.9739	.28877	.27818
#2	.18835	1.9843	.45487	.06560	2.9685	.29016	.27744
#3	.18968	2.0783	.45466	.06591	2.9688	.28838	.27769

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2545	.39383	.26582	.01278	.90746	.64950	.19348
Stddev	.0104	.00043	.00665	.02046	.00963	.00146	.00300
%RSD	.11288	.11031	2.5031	160.03	1.0617	.22450	1.5495

#1	9.2534	.39412	.27159	-.00256	.91456	.65075	.19634
#2	9.2446	.39404	.26732	.03601	.91134	.64790	.19036
#3	9.2654	.39333	.25854	.00490	.89649	.64986	.19373

Sample Name: K1497-01MS Acquired: 2/15/2019 23:25:56 Type: Unk
Method: P4-ICP2(v2866) 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	.19415	4.846	.18725	2.6125	F<.00000
Stddev	.00036	.012	.00036	.1926	.76491
%RSD	.18510	.2438	.18992	7.3707	12.676

#1	.19454	4.859	.18738	2.7336	-6.7474
#2	.19410	4.845	.18685	2.7134	-5.2265
#3	.19382	4.835	.18752	2.3905	-6.1293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.3	37669.	3560.6	15.081	3514.9
Stddev	6.7	122.	51.9	1.438	8.5
%RSD	.21081	.32449	1.4569	9.5332	.24119

#1	3169.3	37540.	3522.3	16.691	3505.4
#2	3169.6	37685.	3540.0	13.925	3517.8
#3	3181.0	37783.	3619.7	14.627	3521.7

Sample Name: K1497-01MSD Acquired: 2/15/2019 23:30:05 Type: Unk
Method: P4-ICP2(v2866) 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	.69543	1.8637	.89907	1.7403	.72612	1.7135	.18249
Stddev	.00247	.0038	.00145	.0078	.00376	.0307	.00070
%RSD	.35507	.20177	.16154	.44943	.51732	1.7922	.38534

#1	.69475	1.8680	.90066	1.7356	.72661	1.6788	.18181
#2	.69817	1.8616	.89780	1.7494	.72961	1.7245	.18322
#3	.69337	1.8614	.89876	1.7360	.72214	1.7372	.18244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17982	.17689	1.0408	.39272	.18431	.28886	3.2442
Stddev	.00007	.00051	.0149	.00104	.00025	.00119	.0175
%RSD	.03801	.28767	1.4302	.26357	.13718	.41174	.53838

#1	.17982	.17717	1.0256	.39214	.18422	.28883	3.2520
#2	.17976	.17720	1.0553	.39211	.18459	.29006	3.2565
#3	.17990	.17630	1.0416	.39392	.18410	.28768	3.2242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19021	2.0699	.46114	.06551	3.0031	.29337	.28300
Stddev	.00054	.0294	.00042	.00036	.0059	.00157	.00036
%RSD	.28437	1.4222	.09203	.55217	.19494	.53589	.12566

#1	.19068	2.1013	.46083	.06542	2.9981	.29245	.28309
#2	.18962	2.0656	.46162	.06520	3.0018	.29519	.28330
#3	.19034	2.0429	.46096	.06591	3.0095	.29248	.28261

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3327	.39863	.26843	.01138	.90654	.65735	.19767
Stddev	.1295	.00167	.00829	.00224	.01098	.00142	.00058
%RSD	1.3874	.41930	3.0897	19.684	1.2114	.21547	.29301

#1	9.1846	.39673	.27554	.00963	.91066	.65876	.19758
#2	9.3884	.39985	.27043	.01060	.91487	.65736	.19715
#3	9.4249	.39933	.25932	.01391	.89410	.65592	.19829

Sample Name: K1497-01MSD Acquired: 2/15/2019 23:30:05 Type: Unk
Method: P4-ICP2(v2866) 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	.19633	4.911	.18899	2.9268	F<.00000
Stddev	.00187	.015	.00038	.1456	.66082
%RSD	.95481	.3038	.20028	4.9750	10.299
#1	.19511	4.928	.18856	3.0108	-6.7740
#2	.19540	4.904	.18921	2.7586	-6.8212
#3	.19849	4.900	.18921	3.0108	-5.6538
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.0	37314.	3524.2	14.992	3485.7
Stddev	8.1	73.	16.7	.527	11.7
%RSD	.25613	.19689	.47308	3.5140	.33512
#1	3150.9	37266.	3508.8	14.907	3478.7
#2	3156.0	37398.	3521.7	14.514	3499.1
#3	3140.2	37276.	3541.9	15.557	3479.1

Sample Name: K1497-01A Acquired: 2/15/2019 23:34:13 Type: Unk
Method: P4-ICP2(v2866) 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	.70007	1.8690	.90443	1.7452	.72727	1.7096	.18621
Stddev	.00202	.0020	.00118	.0029	.00139	.0261	.00114
%RSD	.28819	.10879	.13045	.16810	.19052	1.5248	.61307

#1	.69868	1.8710	.90309	1.7436	.72818	1.6844	.18539
#2	.69914	1.8691	.90487	1.7435	.72794	1.7365	.18571
#3	.70238	1.8670	.90532	1.7486	.72567	1.7079	.18751

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17961	.17784	1.0232	.39351	.18500	.29009	3.2696
Stddev	.00032	.00044	.0037	.00077	.00036	.00198	.0570
%RSD	.17886	.24475	.36502	.19513	.19211	.68254	1.7440

#1	.17986	.17755	1.0223	.39262	.18474	.29201	3.3160
#2	.17973	.17763	1.0272	.39390	.18540	.28806	3.2060
#3	.17925	.17834	1.0199	.39400	.18484	.29019	3.2870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19171	2.0622	.46353	.06599	3.0044	.29334	.28199
Stddev	.00044	.0209	.00096	.00023	.0144	.00053	.00047
%RSD	.22981	1.0144	.20695	.35375	.47896	.18056	.16771

#1	.19217	2.0384	.46300	.06590	2.9898	.29392	.28171
#2	.19129	2.0706	.46296	.06581	3.0186	.29323	.28253
#3	.19167	2.0776	.46464	.06625	3.0048	.29288	.28171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3909	.40046	.26591	.01106	.91915	.65857	.19799
Stddev	.0293	.00062	.00244	.00941	.01358	.00151	.00103
%RSD	.31193	.15465	.91673	85.082	1.4776	.22989	.52264

#1	9.3827	.40094	.26499	.00064	.92758	.65799	.19755
#2	9.4235	.40067	.26407	.01892	.90348	.66029	.19724
#3	9.3666	.39976	.26867	.01361	.92638	.65744	.19917

Sample Name: K1497-01A Acquired: 2/15/2019 23:34:13 Type: Unk
Method: P4-ICP2(v2866) 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	.19535	4.923	.18972	2.7223	F<.00000
Stddev	.00270	.012	.00090	.2956	.18521
%RSD	1.3842	.2514	.47179	10.858	2.9236
#1	.19286	4.937	.18875	2.9907	-6.1645
#2	.19823	4.918	.19051	2.7708	-6.3088
#3	.19495	4.914	.18991	2.4055	-6.5321
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.2	37371.	3520.8	14.353	3473.9
Stddev	12.4	30.	54.3	.549	9.5
%RSD	.39610	.08016	1.5432	3.8219	.27336
#1	3127.3	37339.	3473.2	14.318	3466.8
#2	3135.4	37374.	3580.0	13.823	3470.3
#3	3151.7	37399.	3509.1	14.918	3484.7

Sample Name: K1467-02 Acquired: 2/15/2019 23:38:21 Type: Unk
Method: P4-ICP2(v2866) 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	-.00231	.00072	.00136	-.00041	.00135	.04336	-.01385	.00001
Stddev	.00109	.00139	.00051	.00184	.00154	.00683	.00092	.00001
%RSD	47.351	193.45	37.368	451.12	113.54	15.762	6.6394	180.65

#1	-.00209	.00011	.00078	.00131	.00275	.05073	-.01456	.00001
#2	-.00350	-.00027	.00161	-.00236	.00160	.04211	-.01418	.00001
#3	-.00134	.00231	.00170	-.00018	-.00029	.03724	-.01281	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.09496	.00054	.00007	.00340	.02704	.00151	.10761
Stddev	.00003	.01530	.00009	.00016	.00013	.00140	.00005	.03995
%RSD	5.5366	16.112	16.141	227.22	3.8417	5.1772	3.4875	37.127

#1	.00047	.10779	.00047	-.00007	.00346	.02821	.00145	.07125
#2	.00049	.07803	.00050	.00005	.00350	.02742	.00153	.15039
#3	.00044	.09906	.00064	.00024	.00325	.02549	.00155	.10120

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00011	-.00297	-.00038	.03307	-.07062	.00006	.06303
Stddev	.00014	.00039	.00759	.00003	.00043	.01560	.00026	.00520
%RSD	7.6661	363.05	255.11	8.4545	1.2850	22.088	409.71	8.2488

#1	.00176	-.00025	-.01148	-.00036	.03352	-.08575	-.00015	.06902
#2	.00199	.00033	.00309	-.00042	.03268	-.05459	-.00001	.05967
#3	.00174	-.00040	-.00053	-.00037	.03302	-.07153	.00036	.06040

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01299	1.8514	.00082	-.00046	-.00423	.0050	.00039	.29251
Stddev	.01390	.0065	.00070	.00298	.00213	.0009	.00004	.07736
%RSD	107.05	.35051	84.602	645.19	50.462	16.94	9.7396	26.448

#1	.00711	1.8439	.00114	.00048	-.00644	.0041	.00036	.30848
#2	.02887	1.8558	.00002	.00193	-.00219	.0054	.00043	.20840
#3	.00299	1.8545	.00130	-.00380	-.00405	.0056	.00037	.36063

Sample Name: K1467-02 Acquired: 2/15/2019 23:38:21 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .51769
Stddev .68135
%RSD 131.61

#1 1.1213
#2 -.22114
#3 .65295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.8	40126.	3791.2	15.917	3810.3
Stddev	18.3	175.	33.2	.297	19.9
%RSD	.54122	.43574	.87487	1.8668	.52345

#1	3361.9	40327.	3828.5	15.584	3799.8
#2	3395.7	40013.	3765.0	16.014	3833.3
#3	3390.9	40037.	3780.1	16.155	3797.8

Sample Name: K1467-02DUP Acquired: 2/15/2019 23:42:48 Type: Unk
Method: P4-ICP2(v2866) 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	.00005	.00008	.00204	-.00093	.00004	.03867	-.01734	.00002
Stddev	.00177	.00062	.00130	.00190	.00160	.00704	.00167	.00006
%RSD	3506.2	782.30	63.546	204.37	4022.3	18.199	9.6309	316.00

#1	.00190	-.00031	.00081	-.00182	.00091	.04206	-.01927	.00002
#2	-.00012	.00080	.00191	-.00221	-.00181	.04337	-.01643	.00008
#3	-.00163	-.00025	.00339	.00125	.00102	.03058	-.01633	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.09715	.00081	-.00001	.00355	.02678	.00151	.08801
Stddev	.00001	.00297	.00021	.00017	.00028	.00182	.00002	.04492
%RSD	2.1852	3.0587	25.261	1940.5	7.8434	6.8040	1.1482	51.047

#1	.00044	.09943	.00100	-.00015	.00333	.02783	.00149	.13056
#2	.00042	.09379	.00059	.00018	.00386	.02468	.00151	.09242
#3	.00044	.09824	.00084	-.00005	.00347	.02784	.00153	.04104

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00045	-.00553	-.00043	.03253	-.03141	.00008	.06098
Stddev	.00015	.00043	.00522	.00034	.00032	.02280	.00017	.00658
%RSD	6.9823	96.733	94.357	78.285	.97023	72.577	209.20	10.787

#1	.00204	.00077	-.00469	-.00083	.03220	-.04850	.00006	.05577
#2	.00229	.00061	-.00078	-.00021	.03258	-.04021	.00026	.05881
#3	.00202	-.00004	-.01112	-.00027	.03282	-.00553	-.00007	.06837

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01380	1.8361	.00080	-.00254	-.00342	.0046	.00040	.68392
Stddev	.02564	.0177	.00032	.00065	.00156	.0007	.00015	.07465
%RSD	185.80	.96408	39.808	25.764	45.568	16.03	38.082	10.916

#1	-.01443	1.8565	.00043	-.00244	-.00440	.0040	.00042	.72605
#2	.03565	1.8272	.00094	-.00194	-.00162	.0044	.00054	.72799
#3	.02018	1.8246	.00102	-.00323	-.00423	.0054	.00024	.59773

Sample Name: K1467-02DUP Acquired: 2/15/2019 23:42:48 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0767
Stddev	1.2658
%RSD	117.56

#1	2.4367
#2	-.06708
#3	.86047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3388.9	39731.	3781.5	15.773	3812.1
Stddev	12.2	125.	36.7	.596	32.9
%RSD	.35965	.31425	.97141	3.7794	.86309

#1	3388.9	39629.	3740.9	15.105	3826.9
#2	3401.2	39870.	3791.2	15.964	3835.0
#3	3376.8	39692.	3812.4	16.250	3774.4

Sample Name: K1467-02LX5 Acquired: 2/15/2019 23:47:16 Type: Unk
Method: P4-ICP2(v2866) 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	-.00199	-.00075	-.00004	-.00045	.00302	.00671	-.01744	.00007
Stddev	.00152	.00015	.00015	.00301	.00116	.00240	.00212	.00008
%RSD	76.520	19.810	378.31	673.65	38.318	35.835	12.166	105.83

#1	-.00314	-.00078	-.00001	-.00171	.00227	.00936	-.01520	.00015
#2	-.00256	-.00088	-.00021	.00299	.00243	.00468	-.01771	-.00001
#3	-.00026	-.00059	.00009	-.00261	.00435	.00609	-.01942	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.02568	.00043	-.00015	.00079	.00804	.00031	.02102
Stddev	.00007	.02262	.00007	.00022	.00042	.00111	.00007	.03287
%RSD	62.941	88.107	15.706	146.17	53.204	13.793	23.443	156.39

#1	.00011	.00316	.00042	-.00038	.00065	.00682	.00029	-.00898
#2	.00017	.04841	.00049	.00006	.00045	.00832	.00026	.01589
#3	.00004	.02547	.00036	-.00013	.00125	.00899	.00040	.05614

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00016	-.00367	-.00053	.00816	-.07792	.00001	-.00577
Stddev	.00018	.00054	.00788	.00037	.00005	.01427	.00012	.00201
%RSD	22.724	330.58	214.52	70.076	.57614	18.321	1186.1	34.761

#1	.00079	.00017	-.00309	-.00066	.00817	-.08553	.00009	-.00519
#2	.00062	-.00079	-.01183	-.00082	.00820	-.06145	-.00013	-.00800
#3	.00098	.00012	.00390	-.00011	.00811	-.08677	.00008	-.00412

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02693	.37038	-.00020	-.00162	-.00257	.0012	.00013	1.6284
Stddev	.00300	.00486	.00023	.00110	.00091	.0013	.00003	.3132
%RSD	11.152	1.3132	114.59	68.054	35.546	111.3	19.701	19.235

#1	.03028	.37446	-.00019	-.00213	-.00350	.0024	.00015	1.4721
#2	.02602	.36500	.00002	-.00238	-.00254	-.0002	.00013	1.9891
#3	.02448	.37169	-.00043	-.00036	-.00167	.0014	.00010	1.4241

Sample Name: K1467-02LX5 Acquired: 2/15/2019 23:47:16 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.96153
Stddev	.30993
%RSD	32.233

#1	1.0433
#2	.61891
#3	1.2224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.5	38061.	3604.7	14.833	3579.8
Stddev	2.9	133.	16.5	1.436	9.4
%RSD	.09051	.34982	.45870	9.6787	.26246

#1	3235.5	37935.	3585.7	16.393	3583.2
#2	3230.1	38050.	3614.9	14.536	3569.2
#3	3234.7	38200.	3613.7	13.568	3587.0

Sample Name: K1467-02MS Acquired: 2/15/2019 23:51:45 Type: Unk
Method: P4-ICP2(v2866) 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	.78007	2.0821	1.0004	1.9775	.80241	1.9206	.19720
Stddev	.00169	.0036	.0012	.0047	.00111	.0271	.00239
%RSD	.21661	.17434	.11489	.23928	.13859	1.4117	1.2113

#1	.77918	2.0780	1.0010	1.9778	.80191	1.8899	.19863
#2	.78202	2.0836	1.0012	1.9821	.80369	1.9413	.19444
#3	.77901	2.0847	.99913	1.9726	.80165	1.9307	.19853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20692	.19751	1.1900	.42444	.20119	.32802	3.5468
Stddev	.00078	.00010	.0150	.00128	.00021	.00043	.0166
%RSD	.37498	.05198	1.2623	.30204	.10199	.13115	.46852

#1	.20710	.19749	1.2015	.42443	.20121	.32776	3.5635
#2	.20606	.19762	1.1730	.42316	.20098	.32851	3.5466
#3	.20758	.19742	1.1955	.42572	.20139	.32778	3.5303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20944	2.2731	.50774	.07478	3.2683	.31386	.23863
Stddev	.00092	.0117	.00072	.00007	.0014	.00148	.00021
%RSD	.43764	.51282	.14133	.09128	.04320	.46997	.08859

#1	.20838	2.2816	.50809	.07471	3.2698	.31306	.23853
#2	.21000	2.2598	.50822	.07484	3.2670	.31295	.23888
#3	.20994	2.2778	.50692	.07481	3.2681	.31556	.23849

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.279	.42187	.37974	.00795	2.8746	.72113	.21002
Stddev	.073	.00138	.00071	.00912	.0229	.00055	.00129
%RSD	.71296	.32675	.18722	114.72	.79660	.07674	.61250

#1	10.312	.42165	.37897	.00507	2.9007	.72051	.21129
#2	10.331	.42334	.37989	.01816	2.8579	.72156	.21006
#3	10.195	.42061	.38037	.00061	2.8651	.72132	.20872

Sample Name: K1467-02MS Acquired: 2/15/2019 23:51:45 Type: Unk
Method: P4-ICP2(v2866) 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	.20620	5.494	.20311	1.6847	F<.00000
Stddev	.00208	.012	.00084	.1592	.34692
%RSD	1.0102	.2246	.41289	9.4468	5.0767

#1	.20390	5.504	.20297	1.8385	-6.8421
#2	.20676	5.499	.20401	1.6949	-6.4824
#3	.20796	5.480	.20236	1.5207	-7.1761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.7	38850.	3693.6	14.998	3678.5
Stddev	16.3	114.	23.8	.296	14.7
%RSD	.48942	.29419	.64537	1.9728	.39942

#1	3344.4	38970.	3669.4	15.302	3695.5
#2	3317.0	38742.	3694.5	14.980	3670.6
#3	3315.5	38837.	3717.0	14.711	3669.5

Sample Name: K1467-02MSD Acquired: 2/15/2019 23:55:52 Type: Unk
Method: P4-ICP2(v2866) 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	.78766	2.0905	1.0050	1.9952	.80169	1.9166	.20113
Stddev	.00305	.0179	.0084	.0212	.00876	.0184	.00139
%RSD	.38672	.85700	.83977	1.0641	1.0921	.95945	.68988

#1	.79090	2.1106	1.0147	2.0197	.81146	1.8955	.20203
#2	.78485	2.0848	1.0000	1.9820	.79905	1.9288	.19953
#3	.78725	2.0762	1.0001	1.9839	.79456	1.9255	.20182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20720	.19807	1.2223	.42306	.20164	.33027	3.5404
Stddev	.00052	.00080	.0074	.00014	.00107	.00160	.0264
%RSD	.25045	.40210	.60186	.03404	.53222	.48570	.74538

#1	.20704	.19898	1.2168	.42290	.20288	.33212	3.5602
#2	.20678	.19775	1.2194	.42317	.20096	.32942	3.5105
#3	.20778	.19749	1.2307	.42312	.20109	.32926	3.5507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20915	2.3030	.51001	.07443	3.2876	.31436	.25170
Stddev	.00081	.0111	.00390	.00041	.0299	.00075	.00134
%RSD	.38593	.48283	.76417	.55403	.90873	.23702	.53211

#1	.20837	2.3125	.51450	.07401	3.2533	.31487	.25324
#2	.20909	2.3056	.50793	.07484	3.3075	.31351	.25105
#3	.20998	2.2908	.50759	.07445	3.3021	.31471	.25082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.263	.42299	.38238	.01415	2.8567	.72257	.21010
Stddev	.014	.00238	.01506	.01231	.0257	.00431	.00386
%RSD	.13407	.56177	3.9388	86.977	.89903	.59627	1.8388

#1	10.248	.42570	.36757	.00917	2.8295	.72748	.20658
#2	10.268	.42206	.38191	.02817	2.8805	.72082	.20948
#3	10.274	.42123	.39768	.00512	2.8601	.71941	.21423

Sample Name: K1467-02MSD Acquired: 2/15/2019 23:55:52 Type: Unk
Method: P4-ICP2(v2866) 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	.20344	5.539	.20410	1.7136	F<.00000
Stddev	.00132	.037	.00108	.3042	.51257
%RSD	.64745	.6688	.52976	17.750	7.1223
#1	.20206	5.581	.20304	2.0489	-7.2627
#2	.20359	5.526	.20405	1.4554	-7.6729
#3	.20468	5.511	.20520	1.6366	-6.6542
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.1	38894.	3699.8	15.513	3655.0
Stddev	27.7	46.	12.0	1.780	29.3
%RSD	.83769	.11755	.32420	11.477	.80219
#1	3279.5	38873.	3689.2	15.575	3622.2
#2	3317.6	38862.	3712.8	13.702	3664.4
#3	3333.4	38946.	3697.3	17.261	3678.5

Sample Name: K1467-02A Acquired: 2/15/2019 23:59:58 Type: Unk
 Method: P4-ICP2(v2866) 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	.77902	2.0843	.99925	1.9721	.80206	1.9138	.19800
Stddev	.00041	.0025	.00074	.0089	.00231	.0109	.00405
%RSD	.05310	.12144	.07430	.45033	.28819	.56771	2.0465

#1	.77949	2.0869	.99929	1.9660	.80160	1.9035	.19348
#2	.77886	2.0842	.99849	1.9680	.80001	1.9251	.19920
#3	.77871	2.0818	.99997	1.9823	.80456	1.9128	.20131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20696	.19733	1.2005	.42223	.20039	.32866	3.5324
Stddev	.00017	.00021	.0195	.00048	.00029	.00108	.0175
%RSD	.08421	.10847	1.6275	.11365	.14403	.32908	.49578

#1	.20684	.19746	1.1803	.42274	.20059	.32749	3.5497
#2	.20688	.19708	1.2193	.42179	.20006	.32962	3.5147
#3	.20716	.19745	1.2020	.42215	.20052	.32888	3.5328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20906	2.2778	.50662	.07481	3.2704	.31419	.24184
Stddev	.00115	.0282	.00102	.00015	.0160	.00083	.00033
%RSD	.55067	1.2394	.20195	.19408	.49051	.26280	.13549

#1	.20783	2.2525	.50771	.07476	3.2552	.31491	.24201
#2	.20924	2.3083	.50567	.07497	3.2688	.31436	.24146
#3	.21012	2.2726	.50648	.07469	3.2871	.31329	.24204

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.283	.42195	.37974	.01513	2.8800	.71991	.20890
Stddev	.018	.00079	.00371	.00594	.0311	.00213	.00109
%RSD	.17423	.18644	.97713	39.280	1.0798	.29528	.52082

#1	10.280	.42108	.38372	.00858	2.8473	.72194	.20771
#2	10.266	.42261	.37638	.02019	2.8833	.71770	.20985
#3	10.302	.42215	.37912	.01663	2.9093	.72009	.20913

Sample Name: K1467-02A Acquired: 2/15/2019 23:59:58 Type: Unk
Method: P4-ICP2(v2866) 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	.20494	5.496	.20320	1.6446	F<.00000
Stddev	.00248	.006	.00104	.4151	.29141
%RSD	1.2086	.1111	.51022	25.238	4.2517

#1	.20328	5.502	.20208	2.1239	-6.5185
#2	.20375	5.490	.20412	1.4082	-6.9982
#3	.20778	5.496	.20340	1.4017	-7.0450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.3	38758.	3686.5	16.127	3662.1
Stddev	32.0	62.	20.4	1.725	25.0
%RSD	.96461	.16075	.55261	10.698	.68223

#1	3350.5	38827.	3674.0	16.307	3689.9
#2	3302.5	38740.	3710.0	17.755	3654.5
#3	3289.9	38706.	3675.5	14.318	3641.7

Sample Name: CCV12 Acquired: 2/16/2019 0:04:05 Type: Unk
Method: P4-ICP2(v2866) 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	4.8273	4.9591	4.9026	4.8441	4.8325	9.3047	9.8801	.25293
Stddev	.0356	.0359	.0368	.0371	.0395	.0953	.1353	.00072
%RSD	.73716	.72298	.74974	.76559	.81766	1.0244	1.3697	.28624
#1	4.8668	5.0005	4.9445	4.8868	4.8774	9.2288	9.9265	.25306
#2	4.7977	4.9408	4.8876	4.8253	4.8172	9.2735	9.9860	.25358
#3	4.8173	4.9362	4.8757	4.8201	4.8030	9.4117	9.7276	.25215
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4887	25.277	1.0125	2.4595	1.2292	5.2939	2.4455	25.242
Stddev	.0190	.275	.0006	.0191	.0080	.0728	.0076	.300
%RSD	.76433	1.0869	.05836	.77723	.64962	1.3757	.31293	1.1876
#1	2.5105	25.270	1.0132	2.4815	1.2384	5.3394	2.4543	24.954
#2	2.4802	25.555	1.0121	2.4507	1.2253	5.3325	2.4413	25.552
#3	2.4754	25.006	1.0123	2.4464	1.2240	5.2100	2.4409	25.218
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4921	1.2484	24.959	2.5418	2.4430	23.977	4.9454	4.8295
Stddev	.0165	.0017	.393	.0055	.0194	.309	.0330	.0186
%RSD	.66251	.13928	1.5750	.21679	.79473	1.2903	.66790	.38457
#1	2.5111	1.2496	25.085	2.5464	2.4654	24.095	4.9835	4.8338
#2	2.4829	1.2464	25.274	2.5357	2.4324	24.211	4.9273	4.8455
#3	2.4822	1.2492	24.518	2.5432	2.4312	23.627	4.9254	4.8091
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9101	5.4623	5.0067	4.9368	4.8467	4.928	4.9380	F 4.3190
Stddev	.0174	.0782	.0473	.0267	.0641	.013	.0718	.1065
%RSD	.35425	1.4316	.94402	.54037	1.3218	.2649	1.4536	2.4650
#1	4.8948	5.4948	5.0608	4.9079	4.8653	4.937	4.9598	4.2030
#2	4.9290	5.5191	4.9734	4.9604	4.8995	4.913	4.9964	4.3418
#3	4.9066	5.3731	4.9860	4.9421	4.7754	4.935	4.8579	4.4123

Sample Name: CCV12 Acquired: 2/16/2019 0:04:05 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6546
Stddev	.4860
%RSD	18.307

#1	3.0174
#2	2.8439
#3	2.1024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.3	35500.	3553.1	13.499	3175.5
Stddev	26.3	153.	65.9	1.403	29.1
%RSD	.85626	.42969	1.8548	10.394	.91720

#1	3043.0	35332.	3512.2	12.298	3142.2
#2	3086.0	35537.	3518.0	15.041	3187.9
#3	3090.8	35630.	3629.1	13.158	3196.4

Sample Name: CCB12 Acquired: 2/16/2019 0:08:04 Type: Unk
 Method: P4-ICP2(v2866) 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	-.00010	.00198	.00003	.00103	.00174	-.01075	-.01476	-.00000
Stddev	.00110	.00050	.00064	.00385	.00070	.01116	.00380	.00006
%RSD	1045.6	25.041	2078.6	375.15	39.966	103.82	25.780	2640.0
#1	-.00017	.00161	-.00014	-.00342	.00253	-.02240	-.01036	.00006
#2	.00102	.00255	-.00050	.00337	.00122	-.00970	-.01690	-.00006
#3	-.00116	.00179	.00074	.00313	.00147	-.00015	-.01700	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00390	.00012	-.00007	.00004	.00071	.00008	.03482
Stddev	.00007	.00435	.00005	.00012	.00023	.00201	.00002	.04997
%RSD	292.10	111.56	38.903	179.59	538.84	282.38	31.712	143.52
#1	.00001	.00538	.00008	.00006	.00020	.00162	.00010	.02488
#2	.00010	-.00100	.00017	-.00009	.00015	.00210	.00008	.08901
#3	-.00004	.00731	.00010	-.00018	-.00023	-.00159	.00005	-.00944
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00045	-.00321	-.00048	.00006	-.09206	.00011	-.00602
Stddev	.00045	.00033	.00669	.00046	.00008	.05181	.00019	.00891
%RSD	304.25	74.876	208.37	95.637	133.78	56.280	167.40	148.05
#1	.00058	-.00020	.00252	-.00007	.00003	-.11315	-.00010	.00203
#2	.00018	-.00031	-.00159	-.00097	-.00000	-.12999	.00020	-.01560
#3	-.00032	-.00083	-.01056	-.00039	.00016	-.03303	.00024	-.00449
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04463	-.01111	.00045	.00032	.00037	.0005	.00014	F 1.9943
Stddev	.01789	.00202	.00008	.00063	.00243	.0002	.00003	.2711
%RSD	40.086	18.184	17.039	195.93	653.68	37.67	23.894	13.592
#1	.02471	-.01344	.00049	.00097	.00064	.0003	.00017	2.2263
#2	.05932	-.00981	.00036	-.00027	.00266	.0007	.00010	1.6964
#3	.04986	-.01008	.00049	.00026	-.00218	.0004	.00014	2.0604

Sample Name: CCB12 Acquired: 2/16/2019 0:08:04 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .91259
Stddev 1.1153
%RSD 122.21

#1 -.01563
#2 .60356
#3 2.1498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3236.0	37780.	3602.3	14.777	3576.0
Stddev	16.1	34.	41.7	1.505	16.4
%RSD	.49610	.08878	1.1583	10.183	.45912

#1	3221.1	37819.	3581.3	15.302	3569.0
#2	3233.9	37758.	3650.3	15.948	3594.7
#3	3253.0	37764.	3575.2	13.080	3564.1

Sample Name: K1349-06 Acquired: 2/16/2019 0:12:33 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 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	-.00104	.00620	.00405	.00125	.09325	.05890	.00009
Stddev	.00328	.00098	.00048	.00285	.00100	.00619	.00267	.00003
%RSD	587.77	94.891	7.7616	70.289	79.956	6.6426	4.5268	29.788

#1	.00303	-.00215	.00576	.00711	.00036	.08682	.06147	.00010
#2	-.00341	-.00065	.00612	.00356	.00106	.09918	.05910	.00011
#3	-.00129	-.00030	.00672	.00148	.00232	.09376	.05615	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	21.936	.00029	.00397	.00271	1.3788	.54872	1.3365
Stddev	.00002	.051	.00038	.00018	.00013	.0252	.00106	.0547
%RSD	10.692	.23307	130.34	4.4709	4.7717	1.8287	.19365	4.0899

#1	-.00016	21.955	-.00013	.00391	.00281	1.4036	.54941	1.2778
#2	-.00018	21.877	.00060	.00417	.00256	1.3532	.54925	1.3860
#3	-.00020	21.974	.00041	.00383	.00275	1.3795	.54749	1.3458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00367	.00007	271.41	-.00131	.01725	.73845	.00023	.00008
Stddev	.00039	.00037	.60	.00011	.00011	.05082	.00028	.01010
%RSD	10.507	498.80	.21991	8.4154	.61564	6.8823	122.93	12534.

#1	.00323	-.00036	271.53	-.00121	.01730	.68760	.00041	.01110
#2	.00397	.00027	271.94	-.00130	.01732	.78924	-.00009	-.00871
#3	.00381	.00031	270.76	-.00143	.01713	.73852	.00037	-.00215

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18728	.48824	.00129	-.00101	.00608	.0046	.05289	4.1239
Stddev	.01729	.00947	.00031	.00108	.00240	.0015	.00020	.0936
%RSD	9.2349	1.9386	23.970	106.98	39.468	32.19	.37945	2.2696

#1	.17673	.49917	.00121	.00021	.00425	.0031	.05311	4.0309
#2	.17786	.48295	.00104	-.00140	.00519	.0046	.05272	4.2180
#3	.20724	.48260	.00164	-.00184	.00880	.0061	.05284	4.1228

Sample Name: K1349-06 Acquired: 2/16/2019 0:12:33 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5806
Stddev	.3536
%RSD	6.3358

#1	5.8276
#2	5.1756
#3	5.7386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3063.5	35293.	3588.8	14.073	3160.2
Stddev	11.2	153.	30.2	.491	11.2
%RSD	.36439	.43413	.84101	3.4873	.35508

#1	3050.6	35391.	3553.9	14.400	3147.5
#2	3069.8	35116.	3605.5	13.509	3168.9
#3	3070.0	35372.	3606.9	14.311	3164.3

Sample Name: K1349-06DUP Acquired: 2/16/2019 0:17:08 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00088	.00641	.00551	.00239	.09308	.05820	.00013
Stddev	.00073	.00064	.00066	.00271	.00286	.01290	.00417	.00008
%RSD	39.957	72.881	10.360	49.224	119.79	13.857	7.1590	58.779

#1	-.00247	-.00090	.00641	.00865	.00568	.09134	.06005	.00018
#2	-.00103	-.00152	.00575	.00384	.00095	.08114	.06111	.00018
#3	-.00199	-.00023	.00708	.00405	.00053	.10676	.05342	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	21.820	.00068	.00406	.00256	1.3828	.55211	1.3413
Stddev	.00007	.214	.00026	.00015	.00052	.0114	.00099	.0911
%RSD	31.174	.98285	37.908	3.6958	20.245	.82478	.17851	6.7927

#1	-.00018	21.573	.00047	.00421	.00247	1.3758	.55236	1.2597
#2	-.00017	21.957	.00060	.00406	.00312	1.3959	.55294	1.3245
#3	-.00029	21.930	.00097	.00391	.00209	1.3765	.55102	1.4396

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	.00030	269.08	-.00124	.01763	.80530	.00035	-.00423
Stddev	.00029	.00074	1.84	.00027	.00005	.04172	.00017	.00551
%RSD	8.2336	247.22	.68502	21.540	.27906	5.1811	47.955	130.30

#1	.00367	.00101	266.98	-.00155	.01759	.75762	.00037	.00045
#2	.00378	.00036	269.81	-.00105	.01763	.82315	.00017	-.00284
#3	.00323	-.00047	270.44	-.00113	.01768	.83513	.00050	-.01031

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20940	.48565	.00194	-.00044	.01113	.0036	.05235	4.1256
Stddev	.01307	.00054	.00027	.00106	.00119	.0010	.00035	.3201
%RSD	6.2404	.11162	13.856	239.86	10.731	27.26	.66769	7.7595

#1	.22449	.48550	.00165	-.00138	.01062	.0048	.05211	4.4039
#2	.20176	.48625	.00201	-.00066	.01028	.0031	.05276	3.7758
#3	.20195	.48519	.00217	.00071	.01250	.0030	.05220	4.1970

Sample Name: K1349-06DUP Acquired: 2/16/2019 0:17:08 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8969
Stddev	.4895
%RSD	9.9970

#1	5.0931
#2	4.3397
#3	5.2579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.5	35182.	3616.9	14.023	3126.1
Stddev	4.3	106.	29.3	.533	6.3
%RSD	.14032	.29992	.80961	3.7975	.20212

#1	3031.3	35063.	3586.9	13.750	3127.5
#2	3038.4	35219.	3618.5	14.636	3131.6
#3	3030.8	35265.	3645.4	13.682	3119.2

Sample Name: K1349-06LX5 Acquired: 2/16/2019 0:21:42 Type: Unk
Method: P4-ICP2(v2866) 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	-.00007	-.00129	.00161	.00238	.00032	.01155	.00071	.00003
Stddev	.00216	.00098	.00065	.00159	.00080	.00449	.00264	.00008
%RSD	3052.1	76.164	40.313	66.803	248.09	38.894	370.07	245.85

#1	.00133	-.00100	.00222	.00319	.00035	.00983	-.00067	.00007
#2	-.00255	-.00239	.00092	.00055	.00110	.00817	-.00094	.00009
#3	.00101	-.00049	.00170	.00341	-.00049	.01664	.00375	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	4.4362	.00008	.00087	.00076	.29256	.11431	.33903
Stddev	.00003	.0157	.00001	.00009	.00018	.00800	.00158	.02453
%RSD	19.771	.35394	15.278	10.733	23.858	2.7358	1.3796	7.2368

#1	-.00012	4.4391	.00007	.00077	.00060	.30055	.11611	.33838
#2	-.00017	4.4502	.00007	.00088	.00072	.29260	.11364	.36388
#3	-.00012	4.4192	.00009	.00095	.00096	.28454	.11318	.31482

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00008	55.134	-.00068	.00343	.22251	.00002	-.01243
Stddev	.00043	.00038	.534	.00012	.00010	.03255	.00004	.00777
%RSD	53.615	496.66	.96910	17.375	2.8440	14.631	282.94	62.571

#1	.00129	.00051	55.584	-.00060	.00354	.23346	.00004	-.02113
#2	.00061	-.00015	55.274	-.00082	.00335	.24818	-.00004	-.00997
#3	.00050	-.00013	54.543	-.00062	.00340	.18589	.00004	-.00617

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06157	.09114	.00067	-.00089	.01057	.0017	.01069	2.5908
Stddev	.02278	.00206	.00030	.00183	.00082	.0006	.00013	.1643
%RSD	37.000	2.2579	44.882	205.17	7.7643	33.50	1.2539	6.3428

#1	.06122	.09352	.00087	-.00086	.01134	.0012	.01056	2.4174
#2	.03897	.08998	.00032	-.00275	.01066	.0016	.01069	2.6109
#3	.08453	.08993	.00082	.00092	.00971	.0023	.01083	2.7442

Sample Name: K1349-06LX5 Acquired: 2/16/2019 0:21:42 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0627
 Stddev 1.1018
 %RSD 53.415

#1 2.4268
 #2 .82495
 #3 2.9364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.2	37139.	3665.1	15.862	3404.4
Stddev	9.6	88.	57.8	.557	10.0
%RSD	.30022	.23611	1.5760	3.5100	.29267

#1	3181.1	37056.	3608.0	16.341	3396.8
#2	3192.5	37130.	3663.8	15.994	3400.6
#3	3200.2	37231.	3723.5	15.251	3415.7

Sample Name: K1349-06MS Acquired: 2/16/2019 0:26:10 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76750	1.9310	.96711	1.9646	.76948	1.9713	.26653
Stddev	.00379	.0046	.00200	.0019	.00107	.0203	.00579
%RSD	.49328	.23644	.20656	.09517	.13944	1.0293	2.1736

#1	.76780	1.9325	.96559	1.9645	.77038	1.9819	.26271
#2	.76357	1.9346	.96937	1.9666	.76829	1.9480	.26369
#3	.77113	1.9258	.96635	1.9628	.76977	1.9842	.27320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20085	.19860	24.168	.40406	.20288	.29566	4.5598
Stddev	.00068	.00047	.193	.00084	.00045	.00074	.0216
%RSD	.33767	.23772	.79685	.20724	.22047	.25162	.47410

#1	.20096	.19853	24.011	.40453	.20238	.29650	4.5433
#2	.20012	.19910	24.109	.40309	.20304	.29534	4.5519
#3	.20146	.19817	24.383	.40455	.20324	.29512	4.5843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76920	3.4682	.50291	.07069	290.43	.30871	.22431
Stddev	.00148	.0319	.00119	.00076	1.32	.00149	.00028
%RSD	.19210	.91956	.23686	1.0770	.45394	.48388	.12408

#1	.77091	3.4497	.50215	.07118	289.19	.30947	.22417
#2	.76843	3.4500	.50428	.07108	291.82	.30699	.22463
#3	.76828	3.5051	.50229	.06982	290.27	.30966	.22412

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.902	.41151	.29771	.20042	1.4768	.72424	.20532
Stddev	.087	.00040	.01496	.00393	.0050	.00360	.00091
%RSD	.79468	.09766	5.0260	1.9586	.33903	.49680	.44333

#1	10.901	.41124	.29086	.20493	1.4710	.72365	.20622
#2	10.816	.41197	.28740	.19855	1.4801	.72810	.20440
#3	10.990	.41133	.31487	.19777	1.4792	.72098	.20535

Sample Name: K1349-06MS Acquired: 2/16/2019 0:26:10 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21960	5.968	.24868	3.8735	F<.00000
Stddev	.00412	.010	.00133	.1952	1.4210
%RSD	1.8770	.1712	.53348	5.0382	96.538
#1	.22161	5.978	.24784	4.0850	-1.8686
#2	.21486	5.968	.24799	3.7003	.10523
#3	.22233	5.958	.25021	3.8354	-2.6524
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.1	35892.	3621.1	15.168	3171.7
Stddev	6.1	102.	3.4	.775	8.5
%RSD	.19839	.28382	.09328	5.1083	.26836
#1	3087.0	35798.	3617.6	15.750	3167.0
#2	3097.8	35878.	3621.2	14.289	3166.7
#3	3097.6	36001.	3624.4	15.466	3181.6

Sample Name: K1349-06MSD Acquired: 2/16/2019 0:30:26 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76535	1.9363	.96284	1.9569	.76533	1.9567	.26724
Stddev	.00238	.0094	.00372	.0024	.00200	.0080	.00217
%RSD	.31159	.48542	.38642	.12074	.26093	.41094	.81110

#1	.76417	1.9257	.95888	1.9557	.76482	1.9491	.26475
#2	.76379	1.9395	.96625	1.9554	.76753	1.9651	.26868
#3	.76809	1.9437	.96340	1.9596	.76363	1.9558	.26829

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19933	.19854	23.775	.40384	.20318	.29572	4.5340
Stddev	.00027	.00080	.104	.00201	.00058	.00100	.0317
%RSD	.13350	.40115	.43716	.49652	.28366	.33760	.69873

#1	.19957	.19762	23.658	.40174	.20257	.29464	4.5531
#2	.19939	.19904	23.808	.40404	.20326	.29591	4.4975
#3	.19905	.19895	23.858	.40574	.20372	.29661	4.5515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75368	3.4332	.50285	.07037	281.12	.30901	.22612
Stddev	.00229	.0451	.00152	.00026	.17	.00028	.00049
%RSD	.30394	1.3142	.30164	.36533	.06134	.09131	.21869

#1	.75189	3.3941	.50133	.07012	280.96	.30933	.22556
#2	.75288	3.4825	.50437	.07036	281.30	.30891	.22649
#3	.75626	3.4229	.50284	.07063	281.10	.30879	.22631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.951	.41179	.28499	.21432	1.4522	.72192	.20555
Stddev	.017	.00034	.00893	.01324	.0158	.00415	.00064
%RSD	.15077	.08158	3.1327	6.1776	1.0871	.57441	.31172

#1	10.935	.41150	.28422	.20654	1.4528	.71722	.20481
#2	10.968	.41216	.29427	.20681	1.4361	.72350	.20591
#3	10.950	.41170	.27647	.22961	1.4677	.72505	.20594

Sample Name: K1349-06MSD Acquired: 2/16/2019 0:30:26 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22676	5.943	.24777	4.2564	F<.00000
Stddev	.00170	.021	.00126	.2188	.64680
%RSD	.75143	.3600	.50928	5.1395	50.925
#1	.22513	5.918	.24639	4.3592	-1.5642
#2	.22853	5.954	.24806	4.4048	-.52852
#3	.22662	5.957	.24887	4.0052	-1.7176
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.2	35773.	3593.5	13.857	3161.2
Stddev	2.4	46.	19.2	.851	10.4
%RSD	.07887	.12900	.53462	6.1413	.32916
#1	3083.7	35824.	3578.1	13.552	3172.3
#2	3078.8	35762.	3615.0	13.200	3151.7
#3	3081.0	35734.	3587.3	14.818	3159.7

Sample Name: K1349-06A Acquired: 2/16/2019 0:34:42 Type: Unk
Method: P4-ICP2(v2866) 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	.77569	1.9553	.97381	1.9814	.77305	1.9876	.27315
Stddev	.00328	.0091	.00302	.0064	.00100	.0122	.00390
%RSD	.42281	.46480	.31024	.32394	.12905	.61188	1.4291

#1	.77943	1.9574	.97685	1.9887	.77420	1.9747	.26912
#2	.77329	1.9454	.97080	1.9791	.77250	1.9891	.27691
#3	.77436	1.9632	.97377	1.9765	.77244	1.9989	.27342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20201	.20089	24.430	.40811	.20507	.29873	4.6004
Stddev	.00057	.00051	.197	.00081	.00045	.00109	.0492
%RSD	.28096	.25332	.80473	.19914	.21886	.36570	1.0696

#1	.20265	.20097	24.220	.40902	.20499	.29987	4.6204
#2	.20156	.20035	24.609	.40787	.20467	.29769	4.6365
#3	.20181	.20136	24.460	.40745	.20555	.29863	4.5443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76978	3.4411	.50684	.07092	290.55	.31290	.22793
Stddev	.00105	.0702	.00085	.00069	4.34	.00054	.00111
%RSD	.13682	2.0400	.16722	.96777	1.4946	.17115	.48656

#1	.76900	3.4834	.50586	.07170	288.53	.31230	.22859
#2	.76937	3.4798	.50736	.07042	295.53	.31333	.22665
#3	.77098	3.3601	.50729	.07065	287.58	.31308	.22855

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.078	.41536	.29560	.18114	1.4685	.72928	.21010
Stddev	.074	.00078	.00161	.01234	.0061	.00325	.00205
%RSD	.66775	.18726	.54548	6.8107	.41375	.44548	.97611

#1	11.018	.41624	.29557	.18618	1.4747	.73289	.21071
#2	11.161	.41475	.29722	.16708	1.4684	.72659	.21178
#3	11.055	.41509	.29400	.19016	1.4625	.72836	.20782

Sample Name: K1349-06A Acquired: 2/16/2019 0:34:42 Type: Unk
 Method: P4-ICP2(v2866) 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	.22817	6.041	.25116	4.5410	F<.00000
Stddev	.00349	.024	.00136	.0694	.07732
%RSD	1.5281	.3945	.54296	1.5275	7.6387
#1	.22426	6.064	.25037	4.4696	-1.0626
#2	.22930	6.017	.25273	4.6082	-1.0510
#3	.23095	6.043	.25037	4.5453	-.92323
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.9	35660.	3590.8	14.904	3153.4
Stddev	3.9	41.	42.7	1.134	9.0
%RSD	.12590	.11449	1.1903	7.6051	.28685
#1	3076.6	35707.	3582.4	14.573	3145.8
#2	3082.0	35640.	3552.8	13.973	3163.4
#3	3084.1	35633.	3637.1	16.166	3151.0

Sample Name: K1349-08 Acquired: 2/16/2019 0:38:58 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00089	.00499	.00228	.00046	.09093	.08807	.00021
Stddev	.00178	.00188	.00057	.00172	.00055	.01477	.00168	.00004
%RSD	156.63	210.45	11.325	75.672	119.65	16.245	1.9120	18.356

#1	-.00301	-.00039	.00435	.00308	-.00016	.07485	.08881	.00019
#2	-.00092	-.00297	.00540	.00346	.00090	.09404	.08925	.00025
#3	.00052	.00068	.00523	.00030	.00065	.10390	.08614	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	26.621	.00006	.00345	.00216	1.8321	.90793	2.7237
Stddev	.00007	.029	.00034	.00013	.00026	.0344	.00260	.0500
%RSD	33.723	.10891	599.47	3.7777	12.030	1.8779	.28597	1.8358

#1	-.00012	26.611	.00029	.00351	.00242	1.8565	.90494	2.7662
#2	-.00021	26.599	-.00034	.00355	.00190	1.8471	.90956	2.7363
#3	-.00025	26.654	.00022	.00330	.00215	1.7927	.90930	2.6686

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	.00042	292.20	-.00234	.02868	.81103	.00008	.00373
Stddev	.00021	.00007	4.87	.00015	.00005	.03081	.00025	.01140
%RSD	6.7208	17.510	1.6679	6.6107	.15992	3.7989	329.19	305.77

#1	.00339	.00036	293.47	-.00218	.02865	.77550	-.00021	.01684
#2	.00298	.00039	296.32	-.00236	.02874	.83026	.00017	-.00392
#3	.00309	.00050	286.82	-.00249	.02866	.82735	.00026	-.00173

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30320	.61814	.00163	.00162	.01771	.0038	.07609	3.9629
Stddev	.00877	.01131	.00080	.00198	.00424	.0005	.00016	.2162
%RSD	2.8913	1.8294	49.007	122.39	23.954	13.61	.21374	5.4552

#1	.30006	.62941	.00168	.00045	.01323	.0042	.07624	4.2083
#2	.31310	.61823	.00080	.00050	.02166	.0040	.07592	3.8797
#3	.29643	.60679	.00239	.00390	.01823	.0032	.07611	3.8007

Sample Name: K1349-08 Acquired: 2/16/2019 0:38:58 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-021319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.2328
Stddev	.3043
%RSD	4.8824

#1	6.4638
#2	6.3467
#3	5.8880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.3	35778.	3645.3	14.792	3154.5
Stddev	15.7	137.	87.5	1.233	15.7
%RSD	.51011	.38372	2.4012	8.3386	.49695

#1	3078.5	35629.	3565.8	13.514	3145.3
#2	3068.8	35808.	3630.9	15.975	3145.7
#3	3099.6	35898.	3739.1	14.886	3172.6

Sample Name: K1350-06 Acquired: 2/16/2019 0:43:32 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-021319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00049	.00581	.00669	.00184	.09320	.09713	.00015
Stddev	.00225	.00062	.00037	.00167	.00032	.01006	.00254	.00003
%RSD	222.34	125.73	6.2902	24.960	17.488	10.791	2.6164	20.667

#1	-.00349	-.00074	.00568	.00645	.00200	.10199	.09443	.00017
#2	.00091	.00021	.00553	.00515	.00206	.08223	.09748	.00016
#3	-.00045	-.00095	.00622	.00847	.00147	.09538	.09948	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	21.634	.00086	.00572	.00468	3.3272	.91052	1.1225
Stddev	.00002	.073	.00014	.00012	.00043	.0080	.00082	.0183
%RSD	7.4801	.33580	16.088	2.1713	9.0830	.24199	.09042	1.6290

#1	-.00026	21.550	.00088	.00563	.00429	3.3212	.91109	1.1298
#2	-.00024	21.684	.00099	.00566	.00462	3.3242	.90957	1.1017
#3	-.00023	21.666	.00071	.00586	.00513	3.3364	.91089	1.1360

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	-.00020	286.61	-.00201	.02345	1.0845	.00024	-.01311
Stddev	.00017	.00033	1.23	.00011	.00006	.0051	.00008	.00645
%RSD	5.5632	166.29	.42920	5.5449	.24867	.47018	32.322	49.203

#1	.00313	-.00057	286.64	-.00213	.02339	1.0902	.00034	-.01179
#2	.00284	-.00008	285.37	-.00199	.02349	1.0806	.00020	-.00742
#3	.00313	.00005	287.83	-.00191	.02348	1.0826	.00019	-.02011

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21233	.89804	.00197	-.00099	.01738	.0021	.06818	4.4945
Stddev	.02175	.00217	.00112	.00178	.00134	.0010	.00039	.0960
%RSD	10.245	.24137	57.017	179.86	7.7332	46.66	.57786	2.1363

#1	.23515	.89978	.00068	-.00289	.01718	.0018	.06777	4.5934
#2	.19183	.89561	.00273	.00063	.01615	.0013	.06823	4.4017
#3	.20999	.89874	.00250	-.00071	.01881	.0032	.06855	4.4882

Sample Name: K1350-06 Acquired: 2/16/2019 0:43:32 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-021319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3341
Stddev	.5116
%RSD	15.344

#1	3.0570
#2	3.9244
#3	3.0207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.2	35360.	3675.9	14.823	3122.1
Stddev	7.9	97.	17.0	1.934	10.0
%RSD	.26094	.27331	.46162	13.044	.32002

#1	3031.1	35248.	3658.5	15.550	3118.1
#2	3044.8	35414.	3692.4	16.289	3114.7
#3	3044.8	35418.	3676.9	12.632	3133.5

Sample Name: K1350-08 Acquired: 2/16/2019 0:48:07 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-021319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	-.00273	.01060	.00303	.00121	.10950	.13553	.00012
Stddev	.00260	.00080	.00125	.00319	.00019	.00402	.00400	.00005
%RSD	108.78	29.430	11.810	105.32	15.633	3.6689	2.9539	39.846

#1	-.00539	-.00364	.01126	.00661	.00102	.10618	.13477	.00016
#2	-.00105	-.00214	.01139	.00050	.00140	.11397	.13196	.00007
#3	-.00073	-.00241	.00916	.00198	.00120	.10835	.13986	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	31.474	.00117	.00470	.00465	1.1328	.89635	4.7061
Stddev	.00010	.092	.00042	.00020	.00046	.0145	.00320	.0651
%RSD	68.650	.29097	35.440	4.2914	9.7904	1.2805	.35730	1.3832

#1	-.00005	31.451	.00127	.00490	.00479	1.1484	.89792	4.6646
#2	-.00014	31.396	.00072	.00450	.00414	1.1197	.89266	4.6726
#3	-.00025	31.575	.00153	.00469	.00502	1.1302	.89846	4.7811

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00507	.00037	315.51	-.00213	.03006	2.8049	.00026	-.00939
Stddev	.00029	.00033	3.91	.00055	.00026	.0519	.00029	.00535
%RSD	5.6404	90.897	1.2402	25.755	.85114	1.8508	111.39	57.015

#1	.00519	-.00002	313.47	-.00276	.03036	2.7450	-.00001	-.00877
#2	.00475	.00053	320.03	-.00187	.02992	2.8361	.00056	-.00437
#3	.00529	.00059	313.05	-.00176	.02992	2.8337	.00022	-.01503

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40388	1.1696	.00226	-.00104	.02330	.0045	.07376	4.1750
Stddev	.01031	.0117	.00083	.00213	.00197	.0003	.00026	.4247
%RSD	2.5518	1.0039	36.613	205.88	8.4648	6.737	.35521	10.172

#1	.39519	1.1830	.00159	.00125	.02157	.0046	.07351	4.0208
#2	.41527	1.1612	.00318	-.00298	.02290	.0042	.07374	4.6552
#3	.40117	1.1645	.00200	-.00137	.02545	.0048	.07403	3.8489

Sample Name: K1350-08 Acquired: 2/16/2019 0:48:07 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-021319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.8069
 Stddev .3792
 %RSD 5.5714

#1 7.2159
 #2 6.4670
 #3 6.7376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.3	34859.	3551.3	14.983	3088.6
Stddev	10.8	120.	33.9	1.477	12.0
%RSD	.35892	.34314	.95459	9.8579	.38969

#1	3005.0	34726.	3527.1	15.816	3074.7
#2	3021.2	34957.	3536.7	13.277	3094.7
#3	3025.6	34894.	3590.0	15.855	3096.3

Sample Name: K1350-10 Acquired: 2/16/2019 0:52:41 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-021319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00292	.02185	.00084	.00098	.05479	.15232	.00013
Stddev	.00248	.00078	.00071	.00183	.00222	.00344	.00114	.00004
%RSD	211.76	26.697	3.2466	218.62	227.28	6.2824	.74735	33.836

#1	-.00384	-.00340	.02135	.00006	.00354	.05210	.15350	.00016
#2	.00106	-.00202	.02155	.00293	-.00014	.05360	.15224	.00015
#3	-.00073	-.00333	.02267	-.00048	-.00046	.05867	.15123	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	33.498	.00028	.00350	.00644	1.4122	.80663	5.3610
Stddev	.00016	.095	.00061	.00011	.00021	.0075	.00299	.0811
%RSD	582.85	.28333	219.76	3.2114	3.2154	.52912	.37015	1.5128

#1	.00015	33.389	-.00033	.00347	.00636	1.4202	.80898	5.4325
#2	-.00012	33.561	.00028	.00362	.00668	1.4112	.80765	5.3775
#3	-.00011	33.545	.00089	.00340	.00629	1.4053	.80327	5.2729

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	-.00002	263.06	-.00207	.10581	.88696	.00027	-.01643
Stddev	.00005	.00043	1.98	.00044	.00031	.03402	.00007	.00546
%RSD	1.3711	2037.6	.75135	21.067	.29199	3.8357	27.968	33.220

#1	.00376	.00033	260.90	-.00211	.10609	.88463	.00019	-.01973
#2	.00369	-.00051	264.78	-.00248	.10587	.92209	.00034	-.01943
#3	.00366	.00012	263.51	-.00161	.10548	.85417	.00027	-.01013

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21523	.67495	.00261	-.00013	.01703	.0042	.07405	4.4290
Stddev	.01468	.00737	.00051	.00167	.00126	.0009	.00012	.1927
%RSD	6.8224	1.0914	19.445	1337.4	7.4201	20.98	.15607	4.3504

#1	.21029	.68032	.00226	-.00056	.01649	.0051	.07417	4.3346
#2	.20366	.67798	.00319	-.00154	.01847	.0033	.07394	4.3018
#3	.23175	.66655	.00239	.00172	.01613	.0042	.07402	4.6507

Sample Name: K1350-10 Acquired: 2/16/2019 0:52:41 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-021319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.7149
 Stddev .5069
 %RSD 8.8698

#1 5.2820
 #2 5.5901
 #3 6.2725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.5	35086.	3544.2	13.727	3116.0
Stddev	5.1	61.	14.6	.260	8.3
%RSD	.16960	.17243	.41136	1.8957	.26602

#1	3035.4	35056.	3529.2	13.614	3122.0
#2	3026.4	35046.	3545.3	13.543	3106.5
#3	3026.7	35155.	3558.3	14.025	3119.4

Sample Name: CCV13 Acquired: 2/16/2019 0:57:14 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14559 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7637	4.9319	4.8531	4.7958	4.7459	9.0245	9.8909	.24870
Stddev	.0157	.0099	.0110	.0090	.0020	.0843	.0100	.00025
%RSD	.33042	.20119	.22692	.18782	.04120	.93357	.10078	.10245
#1	4.7779	4.9339	4.8650	4.7914	4.7468	8.9273	9.8794	.24841
#2	4.7468	4.9212	4.8509	4.7899	4.7437	9.0718	9.8969	.24884
#3	4.7666	4.9407	4.8433	4.8062	4.7473	9.0745	9.8964	.24886
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4608	25.023	.99982	2.4362	1.2167	5.3343	2.3943	25.118
Stddev	.0016	.047	.00075	.0007	.0018	.0344	.0054	.246
%RSD	.06620	.18650	.07469	.02747	.15103	.64423	.22722	.98023
#1	2.4626	25.077	1.0007	2.4363	1.2184	5.3649	2.3899	25.073
#2	2.4605	24.991	.99925	2.4355	1.2147	5.3408	2.3926	24.898
#3	2.4594	25.002	.99955	2.4368	1.2169	5.2971	2.4004	25.384
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4668	1.2287	25.102	2.5111	2.4134	24.000	4.8754	4.8277
Stddev	.0014	.0011	.047	.0055	.0008	.049	.0023	.0209
%RSD	.05507	.08826	.18717	.21882	.03507	.20315	.04678	.43267
#1	2.4668	1.2286	25.081	2.5172	2.4143	23.987	4.8755	4.8045
#2	2.4653	1.2299	25.068	2.5095	2.4127	24.054	4.8731	4.8335
#3	2.4681	1.2278	25.155	2.5065	2.4133	23.959	4.8777	4.8450
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8131	5.3964	5.0178	4.8955	4.8440	4.890	4.9160	F 4.0416
Stddev	.0277	.0079	.0073	.0349	.0173	.005	.0071	.0820
%RSD	.57604	.14570	.14528	.71217	.35635	.1100	.14450	2.0297
#1	4.7842	5.4009	5.0164	4.8559	4.8322	4.885	4.9078	4.0958
#2	4.8154	5.4009	5.0114	4.9088	4.8360	4.888	4.9196	3.9473
#3	4.8395	5.3873	5.0258	4.9218	4.8638	4.896	4.9206	4.0818

Sample Name: CCV13 Acquired: 2/16/2019 0:57:14 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14559 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7866
Stddev .3175
%RSD 11.395

#1 2.9574
#2 2.4202
#3 2.9822

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.4	36247.	3538.5	14.733	3194.8
Stddev	.2	86.	20.8	.975	1.9
%RSD	.00514	.23593	.58786	6.6190	.05988

#1	3114.5	36241.	3516.1	13.741	3195.3
#2	3114.2	36336.	3542.4	15.690	3192.7
#3	3114.5	36165.	3557.1	14.767	3196.4

Sample Name: CCB13 Acquired: 2/16/2019 1:01:14 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14559 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	.00212	-.00029	.00224	.00152	-.02339	-.01650	.00005
Stddev	.00134	.00204	.00037	.00139	.00133	.00539	.00152	.00002
%RSD	70.341	96.429	129.30	61.836	87.665	23.041	9.2053	36.993
#1	-.00047	.00207	-.00069	.00198	.00188	-.02613	-.01506	.00003
#2	-.00313	.00419	.00005	.00101	.00262	-.02686	-.01634	.00005
#3	-.00212	.00010	-.00023	.00375	.00004	-.01718	-.01809	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00137	.00038	.00006	.00001	-.00089	.00001	.05030
Stddev	.00004	.00516	.00038	.00002	.00009	.00161	.00009	.04453
%RSD	954.97	376.42	99.350	41.686	723.55	179.79	585.88	88.521
#1	.00001	.00478	-.00004	.00006	.00011	-.00182	.00005	.04864
#2	-.00005	-.00457	.00069	.00008	-.00007	.00096	.00008	.09563
#3	.00002	.00390	.00049	.00003	-.00000	-.00182	-.00008	.00662
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00002	.19177	.00008	-.00001	-.02387	.00001	-.01652
Stddev	.00020	.00064	.00501	.00017	.00012	.01613	.00028	.00738
%RSD	222.08	3382.4	2.6143	200.79	2155.8	67.577	2256.7	44.684
#1	.00015	.00056	.19398	-.00009	.00012	-.02484	.00026	-.01889
#2	-.00013	-.00069	.19529	.00024	-.00011	-.03950	.00006	-.02243
#3	.00025	.00019	.18603	.00010	-.00003	-.00728	-.00028	-.00824
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01266	-.01191	.00001	.00054	.00311	.0005	.00023	F 1.9995
Stddev	.00290	.00124	.00026	.00181	.00354	.0003	.00005	.2108
%RSD	22.885	10.415	5095.6	336.31	113.81	47.85	22.436	10.544
#1	.01542	-.01089	-.00012	-.00091	.00571	.0008	.00025	2.0365
#2	.01291	-.01329	-.00017	-.00005	-.00092	.0005	.00027	2.1893
#3	.00964	-.01156	.00030	.00257	.00455	.0003	.00017	1.7726

Sample Name: CCB13 Acquired: 2/16/2019 1:01:14 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14559 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .62755
Stddev	.70054
%RSD	111.63

#1	-.10690
#2	.70119
#3	1.2884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.8	38141.	3585.0	15.191	3618.4
Stddev	11.7	160.	9.4	1.860	14.4
%RSD	.35616	.42050	.26309	12.243	.39674

#1	3268.6	38003.	3574.8	15.943	3608.6
#2	3290.1	38104.	3593.4	13.073	3634.9
#3	3271.6	38317.	3586.8	16.557	3611.7

Sample Name: K1479-01 Acquired: 2/16/2019 1:05:43 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00149	.00989	.00569	.00619	.08080	.25084
Stddev	.00147	.00158	.00194	.00149	.00224	.01398	.00657
%RSD	85.385	106.46	19.655	26.220	36.169	17.301	2.6197

#1	.00204	-.00067	.01001	.00737	.00379	.09398	.24496
#2	.00300	-.00331	.01177	.00453	.00655	.08227	.24963
#3	.00012	-.00048	.00789	.00516	.00822	.06614	.25793

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00131	21.683	-.00025	.00624	.00328	17.936
Stddev	.00009	.00005	.181	.00020	.00020	.00021	.158
%RSD	18.488	3.7557	.83421	80.033	3.2105	6.4016	.88176

#1	.00048	-.00136	21.481	-.00004	.00646	.00320	17.876
#2	.00040	-.00126	21.830	-.00043	.00607	.00351	17.817
#3	.00058	-.00132	21.738	-.00026	.00619	.00312	18.116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10923	1.1963	.02061	-.00048	568.42	.00069	.55283
Stddev	.00075	.0350	.00040	.00016	8.30	.00030	.00400
%RSD	.69039	2.9232	1.9277	34.019	1.4595	42.995	.72305

#1	.10871	1.1661	.02027	-.00039	559.53	.00095	.55276
#2	.10888	1.2346	.02052	-.00067	569.78	.00037	.55687
#3	.11010	1.1880	.02105	-.00039	575.95	.00076	.54887

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62646	.00315	.02322	.80027	.69486	.00292	-.00135
Stddev	.06290	.00017	.00541	.00962	.00814	.00020	.00030
%RSD	10.041	5.3082	23.283	1.2024	1.1719	6.8407	22.047

#1	.55458	.00297	.02196	.78988	.69446	.00304	-.00105
#2	.67140	.00330	.02915	.80206	.68692	.00269	-.00164
#3	.65341	.00318	.01856	.80887	.70319	.00303	-.00137

Sample Name: K1479-01 Acquired: 2/16/2019 1:05:43 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02240	.1908	.04244	5.3503	F<.00000
Stddev	.00208	.0008	.00044	.1689	.39205
%RSD	9.2841	.4162	1.0465	3.1562	4.3626

#1	.02036	.1899	.04215	5.5157	-8.8958
#2	.02233	.1915	.04295	5.3570	-8.6479
#3	.02452	.1911	.04221	5.1782	-9.4161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.1	33358.	3504.3	14.720	2962.9
Stddev	22.6	128.	19.0	.182	23.2
%RSD	.77235	.38333	.54162	1.2392	.78329

#1	2918.8	33322.	3511.6	14.509	2951.4
#2	2919.2	33251.	3518.5	14.823	2947.7
#3	2958.2	33500.	3482.7	14.827	2989.6

Sample Name: K1480-01 Acquired: 2/16/2019 1:10:15 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.00230	.01546	.00479	.02471	.08720	.26840
Stddev	.00333	.00216	.00150	.00048	.00009	.01075	.00254
%RSD	149.91	93.894	9.7155	10.069	.34578	12.327	.94625

#1	.00191	.00017	.01683	.00429	.02469	.07492	.26813
#2	.00569	-.00381	.01570	.00525	.02480	.09178	.26601
#3	-.00094	-.00326	.01385	.00484	.02463	.09490	.27106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00114	33.690	.00007	.00416	.00254	13.091
Stddev	.00004	.00012	.274	.00039	.00013	.00060	.129
%RSD	10.079	10.183	.81268	565.97	3.0111	23.655	.98482

#1	.00037	-.00125	33.411	.00008	.00426	.00223	13.040
#2	.00034	-.00102	33.700	-.00032	.00402	.00217	13.238
#3	.00042	-.00114	33.958	.00044	.00422	.00324	12.996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12201	1.4989	.03296	-.00050	334.77	.00269	.46877
Stddev	.00073	.0246	.00013	.00026	4.87	.00036	.00162
%RSD	.59519	1.6407	.40801	52.165	1.4534	13.352	.34470

#1	.12139	1.4842	.03281	-.00068	329.96	.00266	.46722
#2	.12184	1.5273	.03303	-.00062	339.69	.00306	.46865
#3	.12281	1.4852	.03305	-.00020	334.68	.00235	.47044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94120	.00613	.02128	.56277	.60690	.00255	-.00087
Stddev	.00878	.00011	.01448	.01411	.00674	.00049	.00089
%RSD	.93318	1.8104	68.060	2.5068	1.1111	19.324	102.32

#1	.93107	.00600	.00457	.55685	.60103	.00301	-.00110
#2	.94677	.00621	.03027	.57888	.61426	.00261	-.00163
#3	.94575	.00617	.02899	.55260	.60539	.00203	.00011

Sample Name: K1480-01 Acquired: 2/16/2019 1:10:15 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03981	.0469	.06838	4.4949	F<.00000
Stddev	.00084	.0018	.00042	.2664	.13725
%RSD	2.1020	3.861	.62029	5.9260	3.0378

#1	.03961	.0490	.06809	4.7336	-4.6371
#2	.03909	.0463	.06818	4.5435	-4.5488
#3	.04073	.0455	.06887	4.2075	-4.3679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2993.0	34553.	3528.7	14.151	3067.0
Stddev	4.7	66.	26.2	.552	6.6
%RSD	.15703	.19085	.74196	3.9033	.21520

#1	2989.2	34600.	3536.8	13.525	3061.4
#2	2998.2	34581.	3499.5	14.357	3074.3
#3	2991.5	34477.	3549.9	14.570	3065.4

Sample Name: K1346-08 Acquired: 2/16/2019 1:14:47 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00160	.00725	.00162	.00115	.09736	.11840	.00006
Stddev	.00177	.00196	.00017	.00222	.00209	.00912	.00168	.00007
%RSD	2003.7	122.65	2.3665	137.25	180.76	9.3669	1.4189	126.68

#1	.00063	-.00242	.00723	-.00094	-.00116	.09665	.12018	-.00000
#2	.00153	.00064	.00744	.00302	.00288	.08861	.11817	.00004
#3	-.00189	-.00302	.00710	.00279	.00174	.10681	.11684	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	35.349	.00052	.00300	.00228	.65833	.40131	.71989
Stddev	.00012	.201	.00028	.00017	.00027	.00873	.00088	.05071
%RSD	82.742	.56780	53.512	5.5598	11.643	1.3267	.21828	7.0440

#1	-.00029	35.125	.00068	.00281	.00242	.65803	.40035	.75763
#2	-.00008	35.413	.00067	.00306	.00245	.66721	.40206	.73978
#3	-.00007	35.511	.00020	.00312	.00198	.64975	.40151	.66225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	.00019	269.07	-.00108	.02162	.82004	-.00007	-.01871
Stddev	.00043	.00045	.96	.00035	.00010	.03407	.00006	.01175
%RSD	10.846	242.94	.35695	32.158	.47708	4.1544	89.285	62.762

#1	.00421	.00044	269.18	-.00116	.02164	.84532	-.00010	-.01681
#2	.00415	.00046	268.05	-.00138	.02150	.78130	.00000	-.00804
#3	.00344	-.00034	269.96	-.00070	.02170	.83349	-.00010	-.03130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16237	.43885	.00207	.00316	.01660	.0057	.06228	4.0173
Stddev	.00642	.00469	.00100	.00138	.00314	.0018	.00003	.2497
%RSD	3.9511	1.0698	48.110	43.811	18.897	32.16	.04574	6.2155

#1	.16747	.44010	.00160	.00443	.01982	.0057	.06231	4.2517
#2	.16448	.44279	.00322	.00168	.01641	.0075	.06228	3.7547
#3	.15517	.43365	.00140	.00336	.01356	.0039	.06225	4.0456

Sample Name: K1346-08 Acquired: 2/16/2019 1:14:47 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.8587
Stddev	.5898
%RSD	8.6000

#1	7.3542
#2	6.2063
#3	7.0157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.9	35294.	3571.0	14.538	3134.2
Stddev	12.6	82.	17.3	.864	10.7
%RSD	.41160	.23162	.48510	5.9407	.34087

#1	3046.5	35206.	3551.8	15.150	3122.0
#2	3067.0	35368.	3575.9	13.550	3138.7
#3	3069.4	35307.	3585.4	14.914	3142.0

Sample Name: K1346-08DUP Acquired: 2/16/2019 1:19:23 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00221	.00747	.00193	.00128	.07917	.12125	.00007
Stddev	.00520	.00071	.00015	.00131	.00171	.00731	.00137	.00007
%RSD	287.67	32.189	1.9714	67.823	134.24	9.2328	1.1262	101.14

#1	-.00711	-.00290	.00748	.00189	.00233	.08384	.12008	.00008
#2	-.00160	-.00148	.00761	.00064	-.00070	.08292	.12276	.00014
#3	.00328	-.00223	.00731	.00325	.00220	.07075	.12092	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	35.336	.00052	.00304	.00212	.65792	.39735	.77450
Stddev	.00002	.180	.00022	.00017	.00056	.00458	.00016	.05612
%RSD	11.017	.50855	41.446	5.7480	26.602	.69540	.03960	7.2459

#1	-.00022	35.129	.00069	.00312	.00168	.66238	.39724	.82222
#2	-.00025	35.453	.00059	.00284	.00276	.65324	.39753	.71268
#3	-.00020	35.426	.00028	.00316	.00192	.65815	.39727	.78861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	.00024	268.86	-.00060	.02142	.84298	.00022	-.00534
Stddev	.00016	.00006	4.35	.00041	.00018	.02149	.00021	.00509
%RSD	4.8055	26.843	1.6169	68.472	.85880	2.5492	92.400	95.379

#1	.00347	.00024	264.09	-.00013	.02151	.85729	.00044	-.01013
#2	.00317	.00017	269.90	-.00079	.02153	.81827	.00003	.00000
#3	.00324	.00030	272.60	-.00089	.02120	.85337	.00020	-.00588

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17487	.43524	.00216	.00188	.01489	.0046	.06190	4.0383
Stddev	.00692	.00521	.00083	.00079	.00213	.0005	.00046	.1575
%RSD	3.9548	1.1974	38.170	42.165	14.330	11.36	.73753	3.9005

#1	.16907	.43923	.00143	.00122	.01600	.0041	.06138	3.8638
#2	.17301	.42935	.00306	.00275	.01624	.0046	.06215	4.1700
#3	.18253	.43715	.00200	.00166	.01243	.0051	.06218	4.0812

Sample Name: K1346-08DUP Acquired: 2/16/2019 1:19:23 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3166
Stddev	.3473
%RSD	5.4985

#1	6.5784
#2	6.4489
#3	5.9226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.9	35302.	3566.4	14.092	3136.4
Stddev	26.3	100.	14.5	.370	24.9
%RSD	.85791	.28457	.40652	2.6265	.79368

#1	3098.2	35186.	3559.3	14.136	3165.1
#2	3051.9	35364.	3583.0	14.439	3123.3
#3	3053.5	35355.	3556.7	13.702	3120.9

Sample Name: K1346-08LX5 Acquired: 2/16/2019 1:23:59 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117153BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00093	.00171	.00162	.00191	.00638	.01523	.00001
Stddev	.00263	.00120	.00037	.00230	.00093	.00313	.00278	.00010
%RSD	287.55	128.68	21.771	141.98	48.312	49.103	18.245	1153.1

#1	-.00385	.00019	.00132	.00008	.00234	.00317	.01725	-.00005
#2	-.00013	-.00220	.00206	.00427	.00255	.00654	.01206	.00013
#3	.00124	-.00079	.00175	.00052	.00085	.00944	.01639	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	7.4236	.00002	.00067	.00081	.14588	.08531	.25083
Stddev	.00007	.0814	.00051	.00005	.00032	.00045	.00011	.07723
%RSD	122.68	1.0971	2832.8	7.8705	39.312	.30628	.12640	30.790

#1	.00002	7.3438	.00056	.00062	.00101	.14541	.08518	.32589
#2	-.00011	7.5066	-.00005	.00069	.00097	.14593	.08536	.17160
#3	-.00008	7.4205	-.00046	.00072	.00044	.14630	.08538	.25500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00006	57.480	-.00059	.00431	.19240	.00008	-.01478
Stddev	.00032	.00074	.515	.00015	.00004	.02621	.00018	.00474
%RSD	127.05	1162.3	.89636	26.005	.94479	13.625	217.34	32.069

#1	-.00011	-.00039	57.081	-.00046	.00427	.21814	.00002	-.01293
#2	.00051	-.00033	58.062	-.00055	.00434	.16573	.00029	-.02017
#3	.00036	.00091	57.298	-.00075	.00433	.19333	-.00006	-.01125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04638	.08326	.00013	-.00090	.01189	.0036	.01312	2.8154
Stddev	.01411	.00143	.00073	.00158	.00298	.0006	.00003	.0864
%RSD	30.433	1.7153	541.57	174.73	25.043	16.31	.20663	3.0688

#1	.03042	.08281	-.00008	.00015	.01361	.0030	.01313	2.9147
#2	.05150	.08486	-.00046	-.00272	.01361	.0036	.01315	2.7740
#3	.05722	.08212	.00094	-.00014	.00845	.0042	.01310	2.7574

Sample Name: K1346-08LX5 Acquired: 2/16/2019 1:23:59 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117153BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7037
Stddev	.3646
%RSD	13.484

#1	3.0029
#2	2.2976
#3	2.8105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.9	36838.	3572.9	15.151	3369.5
Stddev	13.6	115.	31.6	1.216	13.3
%RSD	.42743	.31226	.88310	8.0281	.39560

#1	3171.3	36727.	3579.9	13.762	3355.6
#2	3197.2	36829.	3538.4	15.661	3382.2
#3	3177.1	36957.	3600.3	16.029	3370.6

Sample Name: K1346-08MS Acquired: 2/16/2019 1:28:26 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 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	.77395	1.9253	.97162	1.9725	.77355	1.9817	.36522	.20185	.19914
Stddev	.00262	.0065	.00232	.0010	.00307	.0235	.00092	.00063	.00023
%RSD	.33857	.33751	.23900	.05328	.39658	1.1837	.25084	.31314	.11668
#1	.77179	1.9279	.97371	1.9737	.77001	1.9549	.36422	.20175	.19919
#2	.77319	1.9179	.96912	1.9721	.77550	1.9985	.36601	.20128	.19888
#3	.77687	1.9300	.97204	1.9718	.77513	1.9918	.36544	.20253	.19934
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.131	.40976	.20195	.29629	3.9906	.66034	2.9719	.50505	.07155
Stddev	.193	.00105	.00031	.00040	.0386	.00230	.0245	.00079	.00032
%RSD	.44710	.25643	.15416	.13538	.96756	.34906	.82567	.15695	.45169
#1	42.972	.41096	.20224	.29631	4.0335	.65939	2.9437	.50578	.07178
#2	43.075	.40931	.20198	.29668	3.9587	.65865	2.9882	.50421	.07168
#3	43.346	.40901	.20162	.29587	3.9797	.66296	2.9839	.50517	.07118
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	320.77	.31607	.23180	11.074	.41671	.28828	.17276	1.4732	.73880
Stddev	.31	.00076	.00053	.028	.00079	.00729	.03253	.0040	.00283
%RSD	.09633	.23971	.22892	.25543	.18884	2.5295	18.829	.27031	.38243
#1	320.45	.31585	.23227	11.044	.41638	.29583	.14407	1.4728	.73619
#2	321.06	.31692	.23189	11.100	.41761	.28772	.16610	1.4774	.73841
#3	320.79	.31545	.23122	11.077	.41614	.28128	.20810	1.4694	.74180
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20898	.22679	6.060	.26668	4.6871	.54619			
Stddev	.00055	.00334	.009	.00201	.2315	.85225			
%RSD	.26133	1.4729	.1543	.75225	4.9391	156.04			
#1	.20855	.22297	6.061	.26767	4.9509	1.1263			
#2	.20879	.22916	6.051	.26437	4.5179	.94452			
#3	.20959	.22824	6.069	.26801	4.5924	-.43229			

Sample Name: K1346-08MS Acquired: 2/16/2019 1:28:26 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 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	3024.0	34876.	3480.5	14.703	3083.0
Stddev	11.0	94.	22.4	.733	16.5
%RSD	.36430	.26977	.64479	4.9825	.53655
#1	3013.8	34939.	3454.9	14.939	3068.4
#2	3035.7	34921.	3496.9	15.289	3101.0
#3	3022.6	34768.	3489.7	13.882	3079.7

Sample Name: K1346-08MSD Acquired: 2/16/2019 1:32:43 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 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	.77488	1.9393	.97355	1.9776	.77319	2.0068	.36183	.20317	.19990
Stddev	.00515	.0035	.00172	.0067	.00107	.0151	.00300	.00010	.00038
%RSD	.66454	.18225	.17641	.34046	.13787	.75342	.82877	.04904	.19066

#1	.78068	1.9382	.97553	1.9717	.77375	1.9957	.35862	.20307	.20033
#2	.77314	1.9364	.97250	1.9849	.77385	2.0240	.36456	.20318	.19978
#3	.77083	1.9433	.97262	1.9761	.77196	2.0006	.36231	.20327	.19959

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.490	.41143	.20251	.29696	3.9950	.66512	2.9188	.50726	.07214
Stddev	.232	.00016	.00019	.00082	.0134	.00094	.0346	.00121	.00059
%RSD	.53290	.03796	.09547	.27512	.33483	.14123	1.1865	.23878	.82221

#1	43.338	.41137	.20232	.29768	3.9832	.66424	2.9349	.50672	.07282
#2	43.756	.41160	.20271	.29713	4.0096	.66611	2.9425	.50865	.07172
#3	43.375	.41131	.20251	.29608	3.9922	.66500	2.8791	.50642	.07189

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	322.46	.31699	.23554	11.238	.41656	.28634	.19921	1.4851	.74366
Stddev	2.66	.00016	.00008	.028	.00086	.00776	.01019	.0142	.00283
%RSD	.82530	.04907	.03288	.25330	.20577	2.7101	5.1150	.95518	.38016

#1	320.29	.31707	.23546	11.207	.41566	.28325	.19373	1.4719	.74439
#2	325.43	.31681	.23562	11.264	.41737	.29516	.21097	1.5001	.74054
#3	321.67	.31709	.23555	11.242	.41665	.28059	.19293	1.4833	.74605

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20948	.23011	6.102	.26780	4.8319	.53399
Stddev	.00077	.00262	.006	.00073	.1897	.58510
%RSD	.36573	1.1406	.0912	.27243	3.9255	109.57

#1	.20868	.23020	6.106	.26842	4.8791	-.02225
#2	.20955	.23269	6.096	.26700	4.6231	1.1442
#3	.21021	.22744	6.104	.26798	4.9936	.48002

Sample Name: K1346-08MSD Acquired: 2/16/2019 1:32:43 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 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	3026.7	34727.	3470.1	14.692	3080.5
Stddev	21.0	74.	19.1	.355	21.3
%RSD	.69288	.21261	.54941	2.4187	.69294
#1	3024.5	34677.	3461.3	14.902	3077.9
#2	3006.9	34694.	3457.1	14.892	3060.5
#3	3048.7	34812.	3492.0	14.282	3103.0

Sample Name: K1346-08A Acquired: 2/16/2019 1:36:58 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117153BS 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	.76580	1.9206	.95754	1.9507	.76874	1.9833	.35538	.20061	.19773
Stddev	.00393	.0088	.00306	.0040	.00082	.0293	.00152	.00068	.00047
%RSD	.51361	.45977	.31989	.20587	.10691	1.4781	.42747	.34145	.23845

#1	.76676	1.9138	.95737	1.9475	.76966	1.9572	.35641	.19983	.19728
#2	.76147	1.9173	.95457	1.9552	.76808	1.9778	.35364	.20092	.19768
#3	.76916	1.9306	.96068	1.9493	.76847	2.0150	.35610	.20109	.19822

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.976	.40660	.20009	.29369	3.9209	.65461	2.9029	.50213	.07078
Stddev	.109	.00063	.00081	.00098	.0490	.00205	.0134	.00152	.00071
%RSD	.25427	.15532	.40617	.33418	1.2490	.31283	.46254	.30246	.99652

#1	42.886	.40617	.19927	.29277	3.9774	.65271	2.8882	.50181	.07150
#2	42.944	.40630	.20089	.29472	3.8892	.65678	2.9057	.50080	.07075
#3	43.097	.40733	.20011	.29359	3.8963	.65434	2.9146	.50379	.07009

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	313.17	.31396	.23055	11.108	.41394	.29179	.17951	1.4556	.73417
Stddev	1.07	.00048	.00028	.022	.00081	.01049	.02434	.0249	.00207
%RSD	.34009	.15375	.12195	.20131	.19559	3.5941	13.560	1.7101	.28205

#1	314.40	.31449	.23074	11.083	.41454	.28367	.19825	1.4843	.73192
#2	312.64	.31356	.23023	11.124	.41302	.30363	.18828	1.4404	.73459
#3	312.48	.31382	.23069	11.118	.41425	.28805	.15199	1.4420	.73599

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20651	.22532	6.030	.26370	4.6142	.24918
Stddev	.00333	.00067	.005	.00454	.1359	.64861
%RSD	1.6114	.29743	.0824	1.7217	2.9442	260.30

#1	.21026	.22598	6.028	.26633	4.7670	-.43568
#2	.20536	.22464	6.036	.26632	4.5072	.85414
#3	.20392	.22536	6.026	.25846	4.5683	.32909

Sample Name: K1346-08A Acquired: 2/16/2019 1:36:58 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117153BS 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	3041.5	35124.	3541.8	15.410	3101.7
Stddev	15.0	30.	47.3	.770	15.7
%RSD	.49430	.08658	1.3344	4.9953	.50595
#1	3033.3	35141.	3487.3	15.702	3094.3
#2	3058.9	35142.	3570.9	14.536	3119.7
#3	3032.4	35089.	3567.2	15.990	3091.0

Sample Name: K1346-10 Acquired: 2/16/2019 1:41:14 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00202	.00718	.00275	.00310	.00465	.18413	.00001
Stddev	.00125	.00136	.00087	.00655	.00054	.01162	.00328	.00013
%RSD	1320.3	67.116	12.178	238.62	17.341	249.85	1.7789	856.75

#1	.00085	-.00046	.00658	.00294	.00255	-.00794	.18790	-.00000
#2	-.00152	-.00295	.00678	-.00390	.00362	.00693	.18257	-.00010
#3	.00038	-.00265	.00818	.00920	.00314	.01497	.18194	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	71.969	.00098	.00250	.00132	.06409	.43395	2.9648
Stddev	.00004	.766	.00013	.00019	.00047	.00281	.00136	.0572
%RSD	21.339	1.0638	13.718	7.7744	35.616	4.3844	.31278	1.9279

#1	-.00019	71.903	.00100	.00242	.00107	.06481	.43258	2.9893
#2	-.00013	72.766	.00110	.00237	.00186	.06648	.43529	3.0057
#3	-.00020	71.239	.00083	.00273	.00103	.06100	.43398	2.8995

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00028	237.45	-.00126	.04143	.63034	.00060	-.01276
Stddev	.00018	.00044	3.95	.00046	.00022	.04055	.00036	.00712
%RSD	15.887	155.83	1.6644	36.226	.53033	6.4324	59.282	55.791

#1	.00118	-.00078	235.79	-.00169	.04139	.58459	.00095	-.01420
#2	.00095	-.00016	241.96	-.00078	.04167	.64460	.00024	-.01905
#3	.00131	.00008	234.59	-.00132	.04123	.66183	.00062	-.00503

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25337	.35372	.00172	.00015	.02021	.0044	.29572	4.2117
Stddev	.01290	.00323	.00036	.00312	.00363	.0009	.00206	.1972
%RSD	5.0909	.91276	20.703	2073.3	17.964	19.49	.69495	4.6825

#1	.26826	.35613	.00211	-.00163	.02019	.0047	.29537	4.4355
#2	.24539	.35497	.00141	.00375	.01659	.0051	.29792	4.0633
#3	.24647	.35005	.00164	-.00166	.02385	.0035	.29386	4.1363

Sample Name: K1346-10 Acquired: 2/16/2019 1:41:14 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.4625
Stddev	.3904
%RSD	4.6127

#1	8.1300
#2	8.3652
#3	8.8923

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.7	35533.	3592.5	15.208	3148.0
Stddev	11.3	20.	47.9	.342	9.5
%RSD	.36906	.05657	1.3341	2.2467	.30080

#1	3053.8	35511.	3567.4	15.274	3138.4
#2	3066.9	35550.	3562.4	14.838	3148.5
#3	3076.3	35540.	3647.8	15.512	3157.3

Sample Name: K1346-12 Acquired: 2/16/2019 1:45:49 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	-.00365	.00546	.00209	.00081	-.00041	.11504	-.00003
Stddev	.00141	.00121	.00041	.00120	.00126	.00134	.00490	.00006
%RSD	64.828	33.108	7.4492	57.514	155.50	322.50	4.2565	165.39

#1	-.00359	-.00418	.00592	.00104	.00082	.00027	.11625	-.00001
#2	-.00217	-.00227	.00527	.00183	.00206	-.00196	.10965	-.00010
#3	-.00077	-.00450	.00518	.00340	-.00045	.00044	.11921	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	119.62	.00040	.00165	.00125	.03022	.37745	3.0987
Stddev	.00004	.48	.00036	.00022	.00057	.00202	.00195	.0461
%RSD	15.972	.40322	88.794	13.186	45.594	6.6873	.51716	1.4888

#1	-.00026	119.07	.00024	.00140	.00101	.02957	.37600	3.0650
#2	-.00019	119.85	.00081	.00178	.00190	.03248	.37669	3.0799
#3	-.00024	119.95	.00016	.00177	.00084	.02860	.37967	3.1513

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00001	269.68	-.00109	.01427	.73043	.00050	-.01167
Stddev	.00032	.00074	1.91	.00007	.00004	.03328	.00014	.00173
%RSD	32.103	7509.1	.70728	5.9945	.29462	4.5564	28.369	14.834

#1	.00094	.00084	267.48	-.00115	.01429	.75920	.00034	-.00970
#2	.00134	-.00042	270.85	-.00102	.01422	.69398	.00060	-.01297
#3	.00071	-.00045	270.71	-.00110	.01430	.73810	.00056	-.01232

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19166	.38436	.00186	-.00212	.02572	.0029	.47700	4.2105
Stddev	.02903	.00474	.00069	.00202	.00188	.0011	.00130	.3195
%RSD	15.144	1.2321	37.087	95.119	7.3294	38.31	.27243	7.5870

#1	.20671	.38241	.00110	-.00331	.02582	.0017	.47550	4.5747
#2	.15820	.38976	.00245	.00021	.02378	.0031	.47786	3.9778
#3	.21008	.38091	.00204	-.00326	.02755	.0039	.47763	4.0789

Sample Name: K1346-12 Acquired: 2/16/2019 1:45:49 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.4368
 Stddev .9000
 %RSD 9.5367

#1 8.8064
 #2 9.0365
 #3 10.467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.9	35210.	3565.3	13.985	3097.9
Stddev	15.8	72.	29.5	.868	14.0
%RSD	.52123	.20430	.82647	6.2076	.45050

#1	3011.6	35293.	3548.5	13.261	3083.6
#2	3038.2	35165.	3548.0	14.947	3098.6
#3	3039.7	35172.	3599.3	13.748	3111.5

Sample Name: CCV14 Acquired: 2/16/2019 1:50:25 Type: Unk
Method: P4-ICP2(v2866) 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	4.6571	4.8357	4.7370	4.6983	4.6304	F 8.9658	9.6318	.24214
Stddev	.0136	.0252	.0087	.0258	.0114	.1295	.1282	.00114
%RSD	.29298	.52086	.18405	.54858	.24627	1.4441	1.3312	.47004
#1	4.6546	4.8471	4.7455	4.7123	4.6426	8.8663	9.6712	.24171
#2	4.6449	4.8069	4.7281	4.6685	4.6200	8.9190	9.7358	.24127
#3	4.6718	4.8532	4.7374	4.7139	4.6288	9.1122	9.4885	.24342
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4134	24.724	.98241	2.3818	1.1924	5.1784	2.3462	24.863
Stddev	.0020	.209	.00321	.0061	.0042	.0791	.0098	.212
%RSD	.08410	.84357	.32699	.25677	.35554	1.5276	.41813	.85249
#1	2.4139	24.725	.98178	2.3824	1.1948	5.2125	2.3413	24.620
#2	2.4112	24.932	.97956	2.3755	1.1875	5.2347	2.3398	24.962
#3	2.4151	24.515	.98589	2.3876	1.1949	5.0880	2.3575	25.008
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4195	1.2081	24.582	2.4787	2.3510	23.387	4.7639	4.7513
Stddev	.0017	.0017	.316	.0034	.0047	.310	.0142	.0418
%RSD	.06978	.13777	1.2843	.13562	.20116	1.3235	.29763	.87950
#1	2.4184	1.2069	24.720	2.4805	2.3526	23.491	4.7714	4.7045
#2	2.4187	1.2073	24.805	2.4748	2.3457	23.631	4.7475	4.7646
#3	2.4214	1.2100	24.221	2.4808	2.3547	23.039	4.7727	4.7849
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7512	5.1948	4.9475	4.7697	4.7134	4.802	4.7854	F 3.3673
Stddev	.0383	.0698	.0131	.0287	.0582	.006	.0587	.2034
%RSD	.80641	1.3435	.26404	.60128	1.2343	.1205	1.2265	6.0400
#1	4.7517	5.2256	4.9517	4.7376	4.7422	4.808	4.8109	3.3806
#2	4.7893	5.2439	4.9328	4.7786	4.7516	4.801	4.8271	3.5638
#3	4.7127	5.1149	4.9579	4.7928	4.6465	4.796	4.7183	3.1576

Sample Name: CCV14 Acquired: 2/16/2019 1:50:25 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1935
Stddev	.4097
%RSD	12.829

#1	2.8817
#2	3.0413
#3	3.6575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.6	36848.	3637.7	14.690	3266.7
Stddev	12.9	103.	56.0	1.521	8.2
%RSD	.40315	.27915	1.5392	10.352	.25055

#1	3183.1	36903.	3608.9	16.445	3263.1
#2	3206.4	36912.	3601.9	13.864	3276.1
#3	3185.2	36730.	3702.2	13.760	3261.0

Sample Name: CCB14 Acquired: 2/16/2019 1:54:25 Type: Unk

Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA7942 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00247	-.00037	.00039	-.00034	-.01362	-.01538	.00000
Stddev	.00263	.00191	.00077	.00183	.00126	.01353	.00238	.00002
%RSD	2967.4	77.006	207.38	476.00	374.44	99.290	15.475	456.98

#1	-.00096	.00063	.00019	-.00173	.00098	-.02031	-.01337	.00002
#2	.00308	.00237	-.00006	.00152	-.00153	-.02251	-.01801	-.00001
#3	-.00185	.00443	-.00125	.00137	-.00045	.00194	-.01475	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00026	.00006	.00011	-.00021	.00055	-.00001	.03222
Stddev	.00006	.01211	.00012	.00012	.00036	.00101	.00003	.04157
%RSD	113.01	4640.5	187.02	109.31	170.74	182.18	188.06	129.02

#1	.00006	-.00087	.00019	.00004	-.00029	-.00001	-.00005	.07760
#2	-.00001	.01214	.00004	.00004	.00018	.00172	-.00001	.02307
#3	.00010	-.01205	-.00004	.00024	-.00051	-.00005	.00001	-.00401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00046	.24600	-.00036	.00001	-.04812	.00041	-.00628
Stddev	.00023	.00021	.00540	.00044	.00002	.03449	.00009	.00433
%RSD	66.194	44.875	2.1943	120.91	184.91	71.666	21.970	69.003

#1	.00009	.00023	.25194	.00004	-.00001	-.01202	.00038	-.00343
#2	.00043	.00063	.24139	-.00083	.00003	-.08073	.00034	-.01127
#3	.00052	.00051	.24467	-.00029	.00003	-.05161	.00052	-.00414

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03336	-.01263	.00013	.00024	.00353	.0013	.00016	F 1.0680
Stddev	.00482	.00206	.00044	.00041	.00303	.0012	.00005	.3166
%RSD	14.459	16.339	338.16	166.81	85.873	87.84	27.519	29.649

#1	.02942	-.01033	-.00030	.00070	.00701	.0004	.00016	1.4280
#2	.03192	-.01324	.00011	.00009	.00143	.0026	.00012	.94300
#3	.03874	-.01431	.00058	-.00007	.00215	.0010	.00021	.83288

Sample Name: CCB14 Acquired: 2/16/2019 1:54:25 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7942 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .50539
Stddev .96875
%RSD 191.68

#1 -.39646
#2 1.5294
#3 .38319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.5	38881.	3668.6	14.500	3668.7
Stddev	8.5	149.	22.2	1.221	7.0
%RSD	.25433	.38256	.60457	8.4170	.19037

#1	3337.9	39046.	3646.4	13.973	3662.9
#2	3354.9	38757.	3690.8	13.632	3676.5
#3	3346.8	38839.	3668.7	15.895	3666.7

Sample Name: K1346-14 Acquired: 2/16/2019 1:58:55 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00337	.07441	.00180	.00151	.02063	.19007	-.00001
Stddev	.00075	.00068	.00120	.00160	.00047	.01649	.00347	.00004
%RSD	190420.	20.263	1.6151	88.826	31.374	79.935	1.8260	536.56

#1	-.00086	-.00397	.07564	.00272	.00110	.00300	.18947	.00000
#2	.00051	-.00351	.07324	-.00005	.00140	.02322	.18694	-.00005
#3	.00035	-.00263	.07436	.00272	.00203	.03567	.19380	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	126.72	.00036	.00249	.00246	.05599	.49180	3.2674
Stddev	.00004	1.36	.00044	.00023	.00026	.00211	.00225	.0859
%RSD	15.737	1.0711	122.50	9.1762	10.525	3.7771	.45852	2.6292

#1	-.00019	125.15	.00067	.00256	.00231	.05802	.49237	3.1803
#2	-.00026	127.44	.00057	.00268	.00231	.05615	.48931	3.2698
#3	-.00025	127.56	-.00015	.00224	.00276	.05380	.49371	3.3521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	-.00020	331.00	-.00130	.02043	.89456	.00050	-.01035
Stddev	.00029	.00046	4.74	.00024	.00013	.04648	.00003	.00297
%RSD	14.386	228.81	1.4320	18.744	.65159	5.1953	6.3730	28.669

#1	.00173	-.00037	326.58	-.00153	.02051	.85031	.00048	-.00994
#2	.00208	.00032	330.43	-.00133	.02027	.94298	.00048	-.01349
#3	.00231	-.00055	336.01	-.00104	.02050	.89039	.00054	-.00760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37368	.75904	.00338	-.00180	.02201	.0051	.47597	4.4456
Stddev	.02493	.00685	.00038	.00175	.00287	.0015	.00619	.2182
%RSD	6.6725	.90270	11.355	97.589	13.044	29.24	1.3003	4.9071

#1	.40222	.75316	.00298	-.00299	.01876	.0043	.46892	4.2278
#2	.35614	.75741	.00375	.00022	.02309	.0068	.47853	4.6641
#3	.36268	.76657	.00343	-.00261	.02419	.0041	.48048	4.4448

Sample Name: K1346-14 Acquired: 2/16/2019 1:58:55 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.6809
Stddev	.9841
%RSD	10.166

#1	8.9690
#2	10.804
#3	9.2698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.8	34792.	3559.6	15.561	3050.2
Stddev	6.0	89.	35.4	.901	7.4
%RSD	.19826	.25558	.99369	5.7920	.24314

#1	3000.0	34709.	3598.1	14.603	3046.4
#2	3000.7	34886.	3552.2	16.392	3045.4
#3	3010.7	34782.	3528.5	15.687	3058.8

Sample Name: K1346-16 Acquired: 2/16/2019 2:03:30 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	-.00335	.00706	.00305	.00052	.01869	.25524	.00007
Stddev	.00125	.00115	.00065	.00290	.00053	.00262	.00175	.00007
%RSD	35.698	34.190	9.1757	95.070	102.04	14.018	.68568	103.30

#1	-.00306	-.00253	.00677	.00485	.00063	.02095	.25341	.00003
#2	-.00493	-.00466	.00660	-.00030	.00099	.01930	.25690	.00003
#3	-.00255	-.00286	.00780	.00461	-.00006	.01582	.25540	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	89.962	.00040	.00438	.00310	.45051	.70508	2.8689
Stddev	.00010	.109	.00015	.00007	.00035	.00455	.00238	.0321
%RSD	56.315	.12144	36.965	1.5092	11.311	1.0099	.33768	1.1183

#1	-.00006	90.067	.00045	.00438	.00270	.44981	.70269	2.8417
#2	-.00022	89.968	.00024	.00432	.00335	.44635	.70508	2.9043
#3	-.00024	89.849	.00053	.00445	.00325	.45537	.70746	2.8607

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	-.00035	320.77	-.00196	.03557	.91324	.00042	-.00605
Stddev	.00031	.00030	.91	.00053	.00018	.00928	.00041	.01212
%RSD	9.5498	85.204	.28262	27.214	.51895	1.0160	98.933	200.29

#1	.00288	-.00011	321.65	-.00257	.03540	.91518	.00039	.00717
#2	.00342	-.00068	320.81	-.00160	.03555	.90314	.00002	-.01664
#3	.00342	-.00026	319.84	-.00171	.03577	.92139	.00084	-.00868

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37218	1.0252	.00246	.00001	.02541	.0039	.27990	4.2279
Stddev	.02913	.0086	.00068	.00224	.00133	.0010	.00062	.6165
%RSD	7.8271	.84400	27.658	30549.	5.2212	26.33	.21976	14.581

#1	.38662	1.0230	.00292	.00234	.02389	.0047	.28047	4.7437
#2	.33865	1.0178	.00168	-.00020	.02633	.0042	.27925	4.3949
#3	.39126	1.0347	.00278	-.00212	.02601	.0028	.28000	3.5452

Sample Name: K1346-16 Acquired: 2/16/2019 2:03:30 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.0895
Stddev	.7741
%RSD	8.5163

#1	9.2565
#2	8.2456
#3	9.7665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.1	35073.	3558.5	15.149	3071.4
Stddev	11.6	14.	32.0	.908	9.4
%RSD	.38195	.03912	.89816	5.9926	.30448

#1	3011.6	35059.	3522.6	14.546	3062.7
#2	3034.3	35073.	3569.1	14.707	3081.3
#3	3026.4	35086.	3583.8	16.193	3070.3

Sample Name: K1358-04 Acquired: 2/16/2019 2:08:05 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00313	.00898	.00283	.00238	.13929	.05701	.00010
Stddev	.00123	.00119	.00055	.00304	.00070	.00993	.00486	.00008
%RSD	842.76	37.950	6.1278	107.15	29.374	7.1283	8.5265	79.671

#1	-.00091	-.00176	.00881	.00556	.00178	.13132	.05217	.00020
#2	-.00081	-.00372	.00960	-.00044	.00314	.15041	.06189	.00007
#3	.00128	-.00391	.00854	.00338	.00220	.13614	.05698	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	20.986	.00215	.00352	.00693	.58529	.42892	2.9095
Stddev	.00002	.073	.00013	.00010	.00027	.00807	.00119	.0479
%RSD	15.300	.34946	6.0966	2.8383	3.9309	1.3786	.27794	1.6454

#1	-.00017	21.029	.00219	.00346	.00683	.58530	.42999	2.8562
#2	-.00013	20.902	.00226	.00347	.00724	.59335	.42914	2.9238
#3	-.00017	21.028	.00201	.00364	.00672	.57721	.42764	2.9487

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.00024	266.82	-.00114	.03419	.75589	.00015	-.00473
Stddev	.00031	.00002	.37	.00007	.00008	.03865	.00049	.00638
%RSD	11.164	6.6732	.13990	6.2102	.24513	5.1136	332.70	135.04

#1	.00304	.00026	266.47	-.00106	.03426	.74565	-.00009	-.00082
#2	.00243	.00025	266.77	-.00116	.03421	.79863	.00070	-.00127
#3	.00279	.00022	267.22	-.00120	.03410	.72339	-.00018	-.01209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31618	.68759	.00195	.00324	.01813	.0038	.05249	3.7302
Stddev	.00573	.00625	.00107	.00120	.00147	.0015	.00024	.1366
%RSD	1.8123	.90931	54.731	37.129	8.1040	40.31	.46320	3.6628

#1	.31474	.68634	.00309	.00436	.01647	.0054	.05257	3.8193
#2	.31130	.69437	.00178	.00197	.01925	.0037	.05222	3.7984
#3	.32249	.68205	.00098	.00339	.01868	.0023	.05269	3.5729

Sample Name: K1358-04 Acquired: 2/16/2019 2:08:05 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-021419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.4309
Stddev	.4946
%RSD	7.6913

#1	6.3082
#2	6.9753
#3	6.0091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.8	36052.	3584.4	14.377	3184.5
Stddev	9.6	93.	40.4	1.085	9.1
%RSD	.30763	.25744	1.1266	7.5445	.28621

#1	3102.8	35953.	3558.1	13.236	3174.7
#2	3118.2	36067.	3564.3	15.395	3186.0
#3	3120.3	36137.	3630.9	14.498	3192.8

Sample Name: K1484-04 Acquired: 2/16/2019 2:12:41 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00391	.01583	.00221	.00175	.12163	.08827	.00020
Stddev	.00174	.00275	.00042	.00176	.00035	.01208	.00507	.00008
%RSD	103.12	70.455	2.6574	79.507	19.791	9.9310	5.7432	40.671

#1	-.00024	-.00706	.01546	.00397	.00208	.10844	.08816	.00014
#2	-.00121	-.00198	.01574	.00222	.00139	.13216	.09340	.00029
#3	-.00362	-.00267	.01629	.00045	.00177	.12428	.08326	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	15.185	.00048	.00323	.00280	3.8683	.73257	2.4280
Stddev	.00008	.134	.00024	.00012	.00024	.0173	.00082	.0132
%RSD	21.200	.88391	48.935	3.7098	8.4901	.44828	.11227	.54146

#1	-.00045	15.133	.00051	.00310	.00255	3.8864	.73278	2.4166
#2	-.00043	15.084	.00023	.00333	.00282	3.8519	.73327	2.4250
#3	-.00030	15.337	.00070	.00325	.00303	3.8666	.73167	2.4424

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	-.00035	317.49	-.00162	.01391	.86630	.00016	-.00851
Stddev	.00037	.00020	4.62	.00007	.00006	.04154	.00011	.00254
%RSD	15.979	57.753	1.4544	4.4336	.46502	4.7953	72.915	29.887

#1	.00215	-.00041	317.56	-.00157	.01384	.82198	.00019	-.00948
#2	.00274	-.00051	312.84	-.00158	.01397	.90435	.00003	-.00562
#3	.00206	-.00012	322.07	-.00170	.01392	.87258	.00025	-.01042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22284	.73878	.00188	.00113	.01350	.0055	.09796	4.1486
Stddev	.01575	.00131	.00024	.00176	.00203	.0003	.00069	.0597
%RSD	7.0689	.17722	12.628	155.46	15.056	6.045	.70522	1.4399

#1	.23675	.73917	.00216	.00011	.01332	.0051	.09774	4.2119
#2	.20573	.73732	.00177	.00012	.01156	.0057	.09741	4.0932
#3	.22605	.73985	.00173	.00316	.01561	.0056	.09874	4.1407

Sample Name: K1484-04 Acquired: 2/16/2019 2:12:41 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-2-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1135
 Stddev .9620
 %RSD 30.899

#1 2.3578
 #2 4.1965
 #3 2.7863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.3	35506.	3564.6	13.970	3127.3
Stddev	19.3	106.	20.8	1.156	10.3
%RSD	.62801	.29849	.58233	8.2746	.32933

#1	3057.9	35560.	3544.3	12.800	3117.4
#2	3071.9	35384.	3585.8	15.111	3126.6
#3	3096.0	35574.	3563.7	13.998	3138.0

Sample Name: K1484-08 Acquired: 2/16/2019 2:17:15 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00151	.00184	.00268	.00363	.05092	.14020	.00007
Stddev	.00278	.00042	.00073	.00063	.00187	.01178	.00376	.00002
%RSD	176.85	27.704	39.671	23.597	51.399	23.142	2.6786	32.112

#1	.00026	-.00195	.00182	.00341	.00436	.05134	.14126	.00004
#2	-.00476	-.00112	.00113	.00238	.00501	.06249	.13603	.00008
#3	-.00020	-.00147	.00259	.00226	.00151	.03893	.14332	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	3.9798	-.00004	.00202	.01202	.73922	1.6641	.84638
Stddev	.00008	.0293	.00016	.00017	.00033	.01785	.0030	.02349
%RSD	40.638	.73587	415.17	8.4438	2.7625	2.4143	.18188	2.7751

#1	-.00016	3.9557	-.00013	.00195	.01164	.72854	1.6661	.81945
#2	-.00027	4.0124	.00015	.00222	.01215	.75982	1.6606	.85712
#3	-.00013	3.9714	-.00014	.00190	.01226	.72929	1.6655	.86259

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00002	263.64	-.00411	.01590	.32218	.00004	-.00902
Stddev	.00009	.00005	4.62	.00020	.00010	.01362	.00020	.00169
%RSD	6.0425	233.70	1.7512	4.7602	.63794	4.2281	450.90	18.746

#1	.00157	.00004	258.46	-.00392	.01580	.33790	-.00005	-.00707
#2	.00156	.00006	267.34	-.00431	.01600	.31391	-.00009	-.01000
#3	.00141	-.00004	265.12	-.00409	.01590	.31472	.00027	-.00999

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07050	.26639	.00136	-.00003	.01189	.0091	.02171	3.6973
Stddev	.00540	.00575	.00004	.00052	.00231	.0015	.00006	.1139
%RSD	7.6647	2.1587	2.7172	1941.7	19.445	16.28	.27855	3.0792

#1	.06561	.26361	.00138	.00043	.00922	.0104	.02168	3.6159
#2	.07630	.27300	.00139	-.00060	.01331	.0093	.02166	3.6488
#3	.06959	.26255	.00132	.00009	.01313	.0075	.02177	3.8274

Sample Name: K1484-08 Acquired: 2/16/2019 2:17:15 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-2-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6837
Stddev	.5880
%RSD	12.554

#1	4.0529
#2	5.2166
#3	4.7817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.8	35914.	3582.9	14.266	3207.2
Stddev	25.0	54.	53.2	.841	20.3
%RSD	.80194	.14933	1.4841	5.8919	.63407

#1	3149.7	35861.	3634.4	14.764	3229.5
#2	3106.0	35913.	3528.2	13.295	3189.7
#3	3106.7	35969.	3586.0	14.739	3202.2

Sample Name: K1484-12 Acquired: 2/16/2019 2:21:53 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00469	.00854	.00022	.00262	.09010	.04677	.00005
Stddev	.00177	.00088	.00046	.00170	.00056	.01166	.00407	.00009
%RSD	90.567	18.771	5.4098	789.58	21.263	12.938	8.6926	173.33

#1	-.00185	-.00566	.00825	-.00072	.00324	.07967	.04214	.00001
#2	-.00378	-.00444	.00907	-.00081	.00242	.10268	.04977	.00015
#3	-.00024	-.00396	.00830	.00217	.00218	.08794	.04841	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	23.943	.00094	.00051	.00291	.01382	.10194	1.6634
Stddev	.00014	.033	.00020	.00005	.00024	.00103	.00066	.0668
%RSD	106.80	.13598	21.588	9.7502	8.1557	7.4613	.65126	4.0180

#1	-.00007	23.977	.00107	.00051	.00317	.01284	.10118	1.7216
#2	-.00029	23.912	.00071	.00046	.00285	.01489	.10235	1.6781
#3	-.00003	23.941	.00104	.00056	.00271	.01375	.10230	1.5904

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00015	281.93	-.00047	.03880	.76559	.00029	-.00879
Stddev	.00028	.00030	1.62	.00019	.00020	.01334	.00021	.00627
%RSD	14.193	203.29	.57553	39.604	.51593	1.7424	74.089	71.422

#1	.00210	-.00014	281.62	-.00060	.03862	.75241	.00050	-.01154
#2	.00220	-.00045	280.48	-.00055	.03901	.77909	.00028	-.00160
#3	.00167	.00015	283.68	-.00026	.03878	.76526	.00008	-.01321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56003	1.6517	.00184	.00028	.01379	.0032	.10699	3.7363
Stddev	.01639	.0166	.00095	.00235	.00219	.0013	.00026	.1958
%RSD	2.9268	1.0032	51.903	847.08	15.903	41.92	.24441	5.2399

#1	.55149	1.6478	.00214	-.00048	.01378	.0022	.10669	3.9546
#2	.57893	1.6374	.00260	.00291	.01160	.0027	.10717	3.6780
#3	.54968	1.6699	.00077	-.00160	.01599	.0047	.10711	3.5763

Sample Name: K1484-12 Acquired: 2/16/2019 2:21:53 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-3-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.1261
 Stddev .5024
 %RSD 7.0505

#1 7.1549
 #2 7.6135
 #3 6.6099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.0	35567.	3576.0	13.901	3163.4
Stddev	22.2	68.	24.7	1.111	14.2
%RSD	.72049	.19119	.69004	7.9910	.44807

#1	3103.7	35493.	3571.4	13.464	3176.8
#2	3059.9	35583.	3602.7	15.164	3148.6
#3	3088.5	35626.	3554.0	13.075	3164.9

Sample Name: K1484-16 Acquired: 2/16/2019 2:26:29 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-3-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	-.00119	.00167	.00215	.00327	.11915	.04191	.00016
Stddev	.00299	.00109	.00034	.00126	.00138	.00803	.00759	.00005
%RSD	83.575	91.281	20.475	58.728	42.213	6.7356	18.098	29.356

#1	-.00412	-.00000	.00196	.00321	.00482	.12434	.05025	.00020
#2	-.00625	-.00144	.00176	.00249	.00282	.12322	.03542	.00011
#3	-.00035	-.00214	.00130	.00075	.00217	.10991	.04007	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	3.3597	.00103	-.00010	.00405	.02613	.12675	1.3239
Stddev	.00007	.0379	.00008	.00026	.00035	.00160	.00151	.0397
%RSD	111.51	1.1269	8.1534	254.72	8.5261	6.1064	1.1881	2.9968

#1	-.00005	3.3667	.00094	-.00040	.00381	.02429	.12560	1.2800
#2	-.00015	3.3188	.00104	.00005	.00389	.02721	.12619	1.3348
#3	-.00000	3.3936	.00111	.00005	.00444	.02688	.12845	1.3570

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.00065	288.33	-.00050	.01205	.42117	.00035	-.01448
Stddev	.00041	.00016	1.19	.00025	.00005	.04355	.00012	.00473
%RSD	14.834	24.064	.41136	49.382	.40108	10.340	35.129	32.675

#1	.00319	.00063	287.05	-.00025	.01208	.41765	.00048	-.01032
#2	.00238	.00050	288.57	-.00051	.01200	.46637	.00023	-.01963
#3	.00269	.00081	289.38	-.00075	.01208	.37949	.00033	-.01350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37234	.19497	.00173	-.00013	.01466	.0061	.01873	3.6795
Stddev	.01618	.00593	.00029	.00179	.00210	.0009	.00023	.3999
%RSD	4.3456	3.0396	16.857	1346.8	14.345	15.02	1.2397	10.868

#1	.36973	.19227	.00205	.00015	.01224	.0068	.01858	3.7915
#2	.35763	.19088	.00149	-.00205	.01573	.0051	.01860	4.0115
#3	.38967	.20177	.00166	.00150	.01602	.0064	.01900	3.2356

Sample Name: K1484-16 Acquired: 2/16/2019 2:26:29 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-3-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1836
Stddev	1.0592
%RSD	20.434

#1	4.3204
#2	4.8648
#3	6.3656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.9	35844.	3605.9	15.254	3174.5
Stddev	12.5	92.	2.4	1.594	11.4
%RSD	.40076	.25741	.06754	10.452	.35771

#1	3106.5	35835.	3604.5	13.655	3164.7
#2	3130.8	35756.	3608.7	15.264	3186.9
#3	3113.6	35940.	3604.5	16.843	3171.9

Sample Name: K1486-03 Acquired: 2/16/2019 2:31:06 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-227 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00185	-.00252	.00286	.00198	.00202	.06303	.11245	.00014
Stddev	.00146	.00059	.00037	.00150	.00096	.00889	.00486	.00008
%RSD	79.051	23.231	12.966	75.929	47.510	14.099	4.3242	54.816

#1	-.00030	-.00249	.00275	.00055	.00189	.05705	.11766	.00020
#2	-.00320	-.00312	.00327	.00355	.00112	.07324	.10804	.00005
#3	-.00204	-.00195	.00255	.00184	.00303	.05880	.11164	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	6.7248	.00100	-.00022	.00387	.02414	.09850	3.1945
Stddev	.00009	.0539	.00027	.00012	.00021	.00131	.00059	.0414
%RSD	247.66	.80220	26.639	53.364	5.5384	5.4310	.60246	1.2973

#1	-.00014	6.6673	.00129	-.00009	.00401	.02434	.09786	3.1503
#2	.00004	6.7327	.00077	-.00032	.00396	.02273	.09904	3.2007
#3	-.00002	6.7744	.00094	-.00025	.00362	.02533	.09859	3.2325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	.00031	305.78	-.00080	.03304	1.0760	.00021	-.00425
Stddev	.00002	.00025	4.40	.00042	.00010	.0626	.00013	.00433
%RSD	.60158	80.100	1.4402	52.905	.29062	5.8173	60.232	101.80

#1	.00326	.00059	308.55	-.00087	.03293	1.0498	.00033	-.00417
#2	.00326	.00014	300.70	-.00118	.03306	1.0307	.00023	-.00862
#3	.00329	.00019	308.07	-.00035	.03312	1.1474	.00008	.00003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18442	.53368	.00200	.00169	.01214	.0109	.03634	3.9592
Stddev	.00682	.00525	.00012	.00211	.00142	.0003	.00013	.1448
%RSD	3.6980	.98312	5.8484	124.73	11.674	2.676	.35172	3.6580

#1	.18187	.53961	.00211	.00108	.01214	.0111	.03620	4.0458
#2	.19215	.52964	.00201	-.00005	.01073	.0106	.03641	3.7920
#3	.17925	.53179	.00188	.00405	.01356	.0110	.03643	4.0399

Sample Name: K1486-03 Acquired: 2/16/2019 2:31:06 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-227 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.0056
Stddev	.5158
%RSD	8.5879

#1	5.9840
#2	5.5010
#3	6.5318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.8	35588.	3590.8	14.059	3168.8
Stddev	10.0	137.	34.1	1.496	8.4
%RSD	.32277	.38459	.95019	10.639	.26443

#1	3089.9	35733.	3566.3	12.368	3159.4
#2	3099.6	35461.	3629.7	15.209	3171.3
#3	3109.9	35571.	3576.3	14.600	3175.6

Sample Name: K1487-02 Acquired: 2/16/2019 2:35:42 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RHR-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00387	-.00432	.00740	.00273	.00030	-.00930	.08883	-.00001
Stddev	.00102	.00218	.00026	.00213	.00279	.01684	.00108	.00012
%RSD	26.268	50.554	3.5241	77.882	937.47	181.03	1.2111	1288.9

#1	-.00495	-.00555	.00753	.00028	-.00215	-.01109	.09006	-.00011
#2	-.00372	-.00561	.00710	.00406	-.00030	-.02517	.08812	.00013
#3	-.00294	-.00180	.00756	.00386	.00334	.00836	.08830	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	143.79	.00668	-.00031	.00014	-.00411	.00945	2.9199
Stddev	.00008	.86	.00056	.00020	.00044	.00080	.00014	.0410
%RSD	21.136	.60076	8.3332	65.138	313.44	19.489	1.5048	1.4036

#1	-.00039	143.98	.00615	-.00020	-.00008	-.00331	.00949	2.8763
#2	-.00027	142.84	.00726	-.00019	-.00015	-.00491	.00957	2.9575
#3	-.00042	144.54	.00663	-.00055	.00064	-.00411	.00929	2.9260

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	.00029	269.39	.00095	.02337	2.0892	.00042	.01493
Stddev	.00013	.00068	2.41	.00041	.00007	.0085	.00041	.00385
%RSD	10.987	236.22	.89645	43.706	.28273	.40492	96.034	25.822

#1	.00133	-.00028	268.99	.00133	.02331	2.0805	.00088	.01897
#2	.00108	.00010	267.19	.00101	.02337	2.0974	.00027	.01454
#3	.00114	.00104	271.97	.00050	.02344	2.0898	.00011	.01129

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7530	5.8778	.00196	-.00258	.02710	.0196	.71188	3.9197
Stddev	.0444	.0596	.00042	.00086	.00349	.0014	.00418	.3336
%RSD	1.6110	1.0143	21.283	33.393	12.894	7.092	.58707	8.5112

#1	2.7131	5.9466	.00244	-.00159	.03004	.0212	.71426	3.6221
#2	2.8007	5.8414	.00168	-.00301	.02324	.0188	.70706	3.8565
#3	2.7451	5.8454	.00176	-.00314	.02804	.0188	.71433	4.2803

Sample Name: K1487-02 Acquired: 2/16/2019 2:35:42 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RHR-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.4443
 Stddev .6819
 %RSD 7.2200

#1 9.9393
 #2 8.6666
 #3 9.7271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.9	34884.	3532.3	15.087	3074.6
Stddev	7.2	56.	37.5	.442	5.6
%RSD	.23802	.15942	1.0611	2.9302	.18076

#1	3003.6	34871.	3490.0	15.594	3068.2
#2	3015.7	34945.	3561.2	14.782	3078.3
#3	3016.3	34836.	3545.9	14.885	3077.2

Sample Name: K1490-04 Acquired: 2/16/2019 2:40:18 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-214 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00692	-.00280	.03622	.00358	.00324	.31753	.15035
Stddev	.00215	.00040	.00111	.00193	.00099	.00544	.00653
%RSD	31.082	14.324	3.0723	53.847	30.663	1.7137	4.3434

#1	.00924	-.00284	.03603	.00484	.00259	.31595	.15676
#2	.00498	-.00318	.03522	.00136	.00275	.32359	.14370
#3	.00655	-.00238	.03742	.00455	.00439	.31305	.15058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00115	17.532	.00103	.00683	.00558	15.265
Stddev	.00008	.00004	.082	.00041	.00033	.00041	.246
%RSD	14.785	3.7000	.46700	39.527	4.8985	7.3992	1.6093

#1	.00045	-.00120	17.437	.00081	.00648	.00516	15.546
#2	.00061	-.00113	17.574	.00150	.00684	.00598	15.158
#3	.00052	-.00112	17.584	.00078	.00715	.00560	15.091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84847	1.8762	.02768	-.00097	282.70	-.00045	.14444
Stddev	.00192	.0607	.00058	.00014	3.37	.00015	.00023
%RSD	.22682	3.2373	2.0950	14.032	1.1921	33.261	.16139

#1	.84645	1.8589	.02834	-.00083	286.12	-.00030	.14420
#2	.84868	1.9437	.02743	-.00110	282.59	-.00060	.14444
#3	.85028	1.8260	.02726	-.00099	279.39	-.00046	.14467

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92034	.00000	.00714	.21105	1.1079	.00234	.01292
Stddev	.02515	.00011	.00896	.02267	.0148	.00016	.00204
%RSD	2.7332	75602.	125.56	10.741	1.3331	6.9984	15.825

#1	.92718	.00011	-.00315	.22071	1.1227	.00248	.01525
#2	.94137	.00001	.01325	.22729	1.1080	.00238	.01143
#3	.89247	-.00012	.01131	.18515	1.0932	.00216	.01207

Sample Name: K1490-04 Acquired: 2/16/2019 2:40:18 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-214 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01714	.0215	.08172	3.6965	F<.00000
Stddev	.00171	.0010	.00050	.1127	.98120
%RSD	9.9529	4.758	.61216	3.0477	11.780

#1	.01611	.0210	.08115	3.7924	-8.8674
#2	.01911	.0227	.08208	3.5724	-7.1968
#3	.01620	.0209	.08193	3.7246	-8.9238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.4	35673.	3629.1	14.930	3159.3
Stddev	7.8	119.	70.7	.301	8.8
%RSD	.25036	.33430	1.9479	2.0138	.27900

#1	3090.4	35650.	3552.9	14.848	3149.6
#2	3098.9	35567.	3641.7	15.264	3161.3
#3	3105.9	35802.	3692.6	14.680	3166.8

Sample Name: CCV15 Acquired: 2/16/2019 2:44:51 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14560 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5125	4.6919	4.5878	4.5485	F 4.4656	F 8.6529	9.3986	.23517
Stddev	.0117	.0134	.0163	.0219	.0156	.1274	.0806	.00006
%RSD	.25878	.28634	.35600	.48170	.34827	1.4728	.85751	.02655
#1	4.5205	4.6971	4.6040	4.5510	4.4764	8.5184	9.3816	.23510
#2	4.4991	4.6766	4.5713	4.5254	4.4478	8.7719	9.3278	.23522
#3	4.5179	4.7018	4.5882	4.5690	4.4727	8.6684	9.4863	.23519
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3490	24.245	.95530	2.3158	1.1573	5.1173	2.2684	24.277
Stddev	.0121	.188	.00336	.0084	.0032	.0401	.0029	.341
%RSD	.51555	.77719	.35176	.36421	.27416	.78463	.12599	1.4044
#1	2.3591	24.047	.95509	2.3217	1.1587	5.1434	2.2671	23.888
#2	2.3356	24.266	.95876	2.3061	1.1537	5.0711	2.2716	24.521
#3	2.3524	24.422	.95205	2.3195	1.1596	5.1374	2.2664	24.422
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3657	1.1754	24.155	2.4178	2.2752	22.856	4.6050	4.6098
Stddev	.0096	.0014	.225	.0069	.0101	.180	.0102	.0476
%RSD	.40728	.12353	.93139	.28311	.44320	.78666	.22166	1.0316
#1	2.3728	1.1766	24.113	2.4120	2.2834	22.946	4.6099	4.5552
#2	2.3547	1.1738	23.954	2.4254	2.2639	22.648	4.5933	4.6420
#3	2.3696	1.1759	24.398	2.4161	2.2783	22.972	4.6119	4.6322
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6107	5.0511	4.8426	4.6405	4.6159	4.689	4.6763	F 3.4573
Stddev	.0095	.0644	.0195	.0209	.0448	.017	.0396	.1893
%RSD	.20606	1.2753	.40296	.45053	.97016	.3571	.84607	5.4746
#1	4.6216	5.0691	4.8564	4.6178	4.6189	4.708	4.6682	3.2390
#2	4.6060	4.9797	4.8203	4.6590	4.5697	4.677	4.6415	3.5577
#3	4.6045	5.1047	4.8512	4.6446	4.6591	4.681	4.7193	3.5754

Sample Name: CCV15 Acquired: 2/16/2019 2:44:51 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14560 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9103
Stddev .0590
%RSD 2.0254

#1 2.9388
#2 2.9496
#3 2.8425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.6	37039.	3596.8	12.897	3271.4
Stddev	7.2	79.	33.7	1.842	13.0
%RSD	.22369	.21432	.93616	14.280	.39776

#1	3206.0	37117.	3583.0	13.117	3260.7
#2	3219.7	37041.	3635.2	14.619	3285.9
#3	3209.1	36958.	3572.2	10.955	3267.6

Sample Name: CCB15 Acquired: 2/16/2019 2:48:52 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14560 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	.00071	-.00060	.00113	.00158	-.01454	-.01284	-.00000
Stddev	.00103	.00060	.00040	.00050	.00070	.01401	.00275	.00006
%RSD	64.339	85.508	67.220	44.276	44.284	96.313	21.389	2621.1
#1	-.00092	.00123	-.00105	.00124	.00158	-.02259	-.00968	.00006
#2	-.00110	.00085	-.00046	.00157	.00089	.00163	-.01420	-.00001
#3	-.00279	.00004	-.00028	.00059	.00229	-.02267	-.01464	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00528	.00014	-.00008	.00016	.00322	.00006	.02563
Stddev	.00011	.01776	.00050	.00019	.00012	.00209	.00002	.04769
%RSD	337.29	336.28	348.77	227.04	75.735	65.025	28.396	186.07
#1	.00005	-.00245	.00002	-.00024	.00003	.00563	.00008	.06303
#2	.00000	.02560	.00070	-.00014	.00019	.00218	.00005	.04192
#3	-.00015	-.00730	-.00029	.00013	.00026	.00185	.00006	-.02807
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00041	.29602	-.00025	-.00005	-.08559	.00013	-.00982
Stddev	.00032	.00018	.00569	.00031	.00006	.02470	.00037	.00735
%RSD	51.909	45.010	1.9238	123.41	108.81	28.855	281.12	74.823
#1	.00099	.00060	.30241	-.00020	-.00008	-.08567	.00055	-.00514
#2	.00040	.00038	.29417	-.00058	.00001	-.11025	-.00002	-.01829
#3	.00047	.00024	.29147	.00003	-.00009	-.06086	-.00014	-.00603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02402	-.01444	.00041	.00167	.00229	.0038	.00015	F 1.3995
Stddev	.01850	.00139	.00034	.00208	.00265	.0006	.00005	.1622
%RSD	77.006	9.5922	83.115	124.43	115.66	15.31	36.107	11.592
#1	.04462	-.01285	.00005	.00097	.00062	.0044	.00010	1.4843
#2	.01860	-.01516	.00072	.00400	.00091	.0037	.00014	1.5017
#3	.00884	-.01532	.00046	.00003	.00535	.0033	.00021	1.2124

Sample Name: CCB15 Acquired: 2/16/2019 2:48:52 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14560 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .79441
Stddev	.97851
%RSD	123.17

#1	1.8441
#2	.63148
#3	-.09242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3363.0	39071.	3615.3	14.955	3673.6
Stddev	21.1	74.	20.1	.438	28.3
%RSD	.62755	.18886	.55709	2.9262	.77078

#1	3353.4	38986.	3594.2	14.873	3676.7
#2	3348.4	39123.	3617.4	15.427	3643.9
#3	3387.2	39102.	3634.3	14.564	3700.3

Sample Name: K1500-03 Acquired: 2/16/2019 2:53:22 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: G-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	-.00124	.00325	.00276	.00255	.12855	.17827	.00007
Stddev	.00227	.00101	.00066	.00148	.00053	.01559	.00303	.00005
%RSD	70.664	81.142	20.351	53.790	20.828	12.130	1.6982	76.481

#1	-.00425	-.00216	.00332	.00166	.00202	.11691	.17957	.00013
#2	-.00479	-.00016	.00387	.00216	.00255	.14627	.17481	.00003
#3	-.00061	-.00141	.00255	.00444	.00309	.12247	.18042	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	3.1716	.00112	.00680	.00213	.54959	.18041	1.7573
Stddev	.00003	.0152	.00007	.00019	.00027	.00654	.00055	.1147
%RSD	18.477	.47808	5.8046	2.7823	12.626	1.1904	.30268	6.5272

#1	-.00014	3.1586	.00107	.00674	.00198	.55701	.18077	1.6679
#2	-.00015	3.1680	.00120	.00665	.00198	.54465	.18067	1.7173
#3	-.00020	3.1883	.00110	.00701	.00245	.54711	.17978	1.8866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	.00017	278.85	-.00070	.05419	1.1668	.00027	.00761
Stddev	.00029	.00058	.71	.00007	.00003	.0397	.00009	.00795
%RSD	3.3986	347.70	.25330	9.4903	.06358	3.4055	34.425	104.48

#1	.00869	.00064	278.88	-.00078	.05418	1.1212	.00038	.01666
#2	.00822	-.00048	279.53	-.00065	.05423	1.1856	.00021	.00178
#3	.00875	.00034	278.12	-.00067	.05416	1.1936	.00023	.00439

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38912	.53223	.00179	.00295	.00628	.0064	.02205	3.7755
Stddev	.01247	.00569	.00051	.00097	.00100	.0013	.00023	.2742
%RSD	3.2034	1.0699	28.810	32.860	15.955	20.20	1.0312	7.2615

#1	.37569	.53879	.00120	.00379	.00611	.0050	.02207	3.5432
#2	.39137	.52932	.00217	.00318	.00735	.0075	.02182	4.0779
#3	.40031	.52858	.00199	.00189	.00537	.0065	.02227	3.7055

Sample Name: K1500-03 Acquired: 2/16/2019 2:53:22 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: G-021419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3371
 Stddev .8533
 %RSD 19.674

#1 4.9544
 #2 3.3634
 #3 4.6934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.5	35800.	3565.0	14.381	3195.2
Stddev	4.4	116.	39.8	.837	3.8
%RSD	.14209	.32423	1.1165	5.8192	.11877

#1	3111.6	35761.	3521.3	14.952	3190.9
#2	3117.3	35930.	3574.7	13.420	3198.2
#3	3108.6	35708.	3599.1	14.770	3196.3

Sample Name: K1501-03 Acquired: 2/16/2019 2:57:58 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CH-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00334	-.00161	.00370	.00233	.00308	.12563	.03965	.00009
Stddev	.00167	.00149	.00073	.00129	.00094	.00850	.00133	.00003
%RSD	50.074	92.510	19.602	55.225	30.460	6.7629	3.3498	30.277

#1	-.00170	-.00256	.00287	.00168	.00265	.11586	.04118	.00006
#2	-.00505	.00011	.00421	.00150	.00415	.13134	.03905	.00010
#3	-.00327	-.00238	.00403	.00382	.00243	.12968	.03873	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	2.3074	.00109	.00356	.00356	.94948	.07162	.61733
Stddev	.00011	.0130	.00025	.00030	.00037	.00714	.00023	.08538
%RSD	94.792	.56485	22.666	8.3747	10.385	.75161	.32750	13.830

#1	-.00022	2.3069	.00137	.00365	.00314	.94198	.07186	.68258
#2	-.00012	2.3207	.00095	.00323	.00379	.95619	.07139	.64872
#3	-.00000	2.2946	.00094	.00381	.00376	.95026	.07160	.52070

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.00012	257.00	.00025	.02328	.34097	.00031	-.00844
Stddev	.00031	.00041	4.70	.00046	.00016	.03848	.00030	.00900
%RSD	8.9117	327.71	1.8273	180.41	.67707	11.286	97.925	106.58

#1	.00346	.00050	251.67	.00054	.02324	.37878	.00065	-.00275
#2	.00321	-.00030	260.49	.00049	.02346	.34229	.00010	-.01882
#3	.00383	.00017	258.86	-.00027	.02315	.30185	.00017	-.00376

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43120	.25108	.00202	.00176	.01026	.0055	.01122	3.4158
Stddev	.00782	.00343	.00141	.00081	.00096	.0015	.00006	.1144
%RSD	1.8144	1.3655	69.691	46.197	9.3747	27.98	.56227	3.3499

#1	.42416	.24863	.00363	.00250	.00944	.0053	.01123	3.4140
#2	.43962	.25500	.00142	.00089	.01132	.0041	.01115	3.5311
#3	.42982	.24962	.00102	.00189	.01001	.0072	.01128	3.3022

Sample Name: K1501-03 Acquired: 2/16/2019 2:57:58 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CH-021419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9556
 Stddev .7137
 %RSD 18.042

#1 4.7676
 #2 3.4281
 #3 3.6709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.7	36097.	3590.0	15.148	3234.2
Stddev	5.6	83.	26.0	.193	6.4
%RSD	.17840	.23093	.72401	1.2739	.19731

#1	3150.4	36010.	3618.0	15.314	3231.2
#2	3149.5	36177.	3566.7	15.195	3241.5
#3	3140.2	36105.	3585.2	14.936	3229.8

Sample Name: K1502-03 Acquired: 2/16/2019 3:02:35 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-1-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	-.00272	.07758	.00046	.00323	.20933	.10103	.00011
Stddev	.00161	.00096	.00200	.00118	.00144	.01066	.00592	.00004
%RSD	48.080	35.244	2.5781	256.03	44.692	5.0901	5.8575	31.035

#1	-.00268	-.00343	.07934	.00073	.00253	.21953	.09951	.00007
#2	-.00220	-.00163	.07541	.00148	.00489	.21020	.09602	.00013
#3	-.00520	-.00310	.07800	-.00083	.00227	.19827	.10756	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00514	4.3416	.00092	.00065	.00338	.07370	.03030	.74743
Stddev	.00005	.0566	.00024	.00011	.00015	.00179	.00016	.02287
%RSD	1.0079	1.3042	26.067	16.872	4.3381	2.4338	.52550	3.0596

#1	.00516	4.2812	.00116	.00052	.00324	.07238	.03013	.76468
#2	.00518	4.3501	.00091	.00069	.00336	.07574	.03045	.75613
#3	.00508	4.3935	.00069	.00073	.00354	.07297	.03031	.72149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00015	292.51	-.00011	1.0589	.74817	-.00028	-.01092
Stddev	.00023	.00040	1.88	.00027	.0034	.02291	.00016	.00906
%RSD	14.093	272.10	.64107	236.83	.31945	3.0622	56.635	82.945

#1	.00141	.00005	291.23	-.00003	1.0628	.77420	-.00046	-.02101
#2	.00171	-.00020	291.65	.00010	1.0568	.73106	-.00017	-.00348
#3	.00188	.00059	294.67	-.00041	1.0571	.73925	-.00020	-.00828

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17627	.21387	.00193	.00392	.01116	.0047	.02423	3.6981
Stddev	.00597	.00337	.00054	.00344	.00223	.0011	.00007	.0382
%RSD	3.3844	1.5747	27.923	87.792	20.002	23.39	.30779	1.0318

#1	.17127	.21037	.00254	.00788	.00985	.0049	.02417	3.6594
#2	.18287	.21416	.00155	.00225	.00990	.0057	.02421	3.7357
#3	.17466	.21708	.00169	.00163	.01374	.0035	.02432	3.6993

Sample Name: K1502-03 Acquired: 2/16/2019 3:02:35 Type: Unk
 Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-1-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8622
 Stddev .8744
 %RSD 14.916

#1 5.4137
 #2 5.3030
 #3 6.8698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.3	35744.	3567.3	14.572	3185.5
Stddev	6.7	101.	10.3	.856	11.7
%RSD	.21573	.28314	.29000	5.8751	.36638

#1	3107.8	35665.	3567.9	13.643	3172.9
#2	3117.4	35710.	3577.4	15.330	3187.8
#3	3120.7	35858.	3556.7	14.743	3195.9

Sample Name: CCV16 Acquired: 2/16/2019 3:07:11 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7942 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5544	4.7562	4.6315	4.6057	4.5140	F 8.8017	9.5432	.23771
Stddev	.0092	.0054	.0097	.0194	.0052	.0847	.0628	.00074
%RSD	.20178	.11402	.21014	.42108	.11537	.96252	.65824	.31244
#1	4.5633	4.7503	4.6363	4.6280	4.5200	8.7570	9.4799	.23727
#2	4.5551	4.7576	4.6379	4.5966	4.5109	8.7486	9.6055	.23857
#3	4.5449	4.7609	4.6203	4.5926	4.5112	8.8994	9.5441	.23729
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3759	24.530	.96979	2.3359	1.1729	5.1621	2.3000	24.756
Stddev	.0059	.166	.00044	.0044	.0021	.0278	.0108	.156
%RSD	.24976	.67679	.04535	.18656	.17666	.53750	.46872	.62825
#1	2.3801	24.338	.96938	2.3375	1.1735	5.1542	2.3124	24.580
#2	2.3786	24.631	.96974	2.3393	1.1745	5.1929	2.2944	24.814
#3	2.3691	24.621	.97026	2.3310	1.1705	5.1391	2.2932	24.874
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3962	1.1860	24.412	2.4516	2.2962	23.218	4.6604	4.7000
Stddev	.0034	.0019	.179	.0030	.0066	.096	.0141	.0292
%RSD	.14344	.16304	.73444	.12179	.28660	.41240	.30300	.62035
#1	2.3998	1.1838	24.288	2.4509	2.3012	23.202	4.6672	4.6676
#2	2.3957	1.1872	24.618	2.4549	2.2986	23.321	4.6699	4.7082
#3	2.3930	1.1871	24.331	2.4490	2.2887	23.131	4.6442	4.7241
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6778	5.0899	4.9136	4.6876	4.6722	4.751	4.7281	F 3.4096
Stddev	.0412	.0454	.0133	.0331	.0262	.011	.0257	.1820
%RSD	.87983	.89281	.26987	.70610	.56003	.2279	.54434	5.3368
#1	4.6880	5.0600	4.9270	4.6496	4.6482	4.761	4.7057	3.2011
#2	4.6325	5.1422	4.9135	4.7026	4.7001	4.740	4.7562	3.5361
#3	4.7129	5.0674	4.9004	4.7105	4.6682	4.754	4.7223	3.4918

Sample Name: CCV16 Acquired: 2/16/2019 3:07:11 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7942 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.9589
Stddev .6670
%RSD 16.849

#1 3.9347
#2 3.3043
#3 4.6377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.1	36823.	3582.7	14.755	3256.0
Stddev	12.6	42.	26.0	1.071	12.8
%RSD	.39363	.11402	.72698	7.2571	.39366

#1	3188.7	36781.	3588.5	13.952	3247.3
#2	3191.0	36823.	3554.2	14.342	3250.0
#3	3211.6	36865.	3605.3	15.971	3270.7

Sample Name: CCB16 Acquired: 2/16/2019 3:11:12 Type: Unk
Method: P4-ICP2(v2866) 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	-.00095	.00195	-.00056	.00129	.00211	-.00481	-.01423	-.00002
Stddev	.00139	.00145	.00064	.00113	.00083	.01181	.00538	.00003
%RSD	147.01	74.416	115.38	87.510	39.080	245.35	37.823	165.43

#1	-.00254	.00120	-.00012	.00129	.00221	-.00176	-.01729	-.00005
#2	-.00002	.00362	-.00129	.00241	.00124	-.01785	-.00802	.00001
#3	-.00028	.00103	-.00025	.00016	.00288	.00517	-.01739	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00203	.00013	-.00008	-.00008	.00311	-.00000	.07163
Stddev	.00004	.00842	.00018	.00009	.00030	.00152	.00003	.06267
%RSD	190.10	414.55	136.03	102.48	384.80	48.928	796.06	87.489

#1	.00002	.00343	.00034	.00000	-.00008	.00436	.00001	.00595
#2	-.00003	.00220	.00004	-.00009	-.00037	.00355	.00002	.13078
#3	-.00005	-.01172	.00001	-.00017	.00022	.00142	-.00004	.07815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00020	.27542	-.00008	.00003	-.10246	.00010	-.01032
Stddev	.00018	.00073	.01437	.00026	.00001	.00484	.00007	.00598
%RSD	150.45	366.18	5.2161	329.16	37.337	4.7223	67.905	57.937

#1	-.00006	-.00062	.29075	-.00009	.00003	-.10145	.00002	-.00344
#2	.00031	.00076	.27325	-.00034	.00002	-.09821	.00014	-.01328
#3	.00012	.00046	.26227	.00019	.00004	-.10773	.00014	-.01424

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03630	-.01302	.00039	.00062	.00351	.0033	.00014	F 1.1356
Stddev	.00753	.00210	.00062	.00156	.00187	.0016	.00010	.2355
%RSD	20.752	16.109	157.18	250.83	53.220	48.67	69.500	20.740

#1	.03684	-.01122	.00065	-.00064	.00440	.0019	.00026	.86855
#2	.02851	-.01532	.00084	.00015	.00136	.0051	.00008	1.3137
#3	.04355	-.01251	-.00031	.00236	.00476	.0029	.00009	1.2245

Sample Name: CCB16 Acquired: 2/16/2019 3:11:12 Type: Unk
Method: P4-ICP2(v2866) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .77704
Stddev	.13511
%RSD	17.388

#1	.63902
#2	.78307
#3	.90904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.7	38961.	3607.5	14.917	3658.6
Stddev	6.6	86.	50.4	.974	25.6
%RSD	.19563	.22142	1.3974	6.5314	.70042

#1	3355.8	38899.	3575.3	13.959	3629.3
#2	3355.9	39060.	3665.6	14.884	3669.3
#3	3367.2	38925.	3581.7	15.907	3677.0