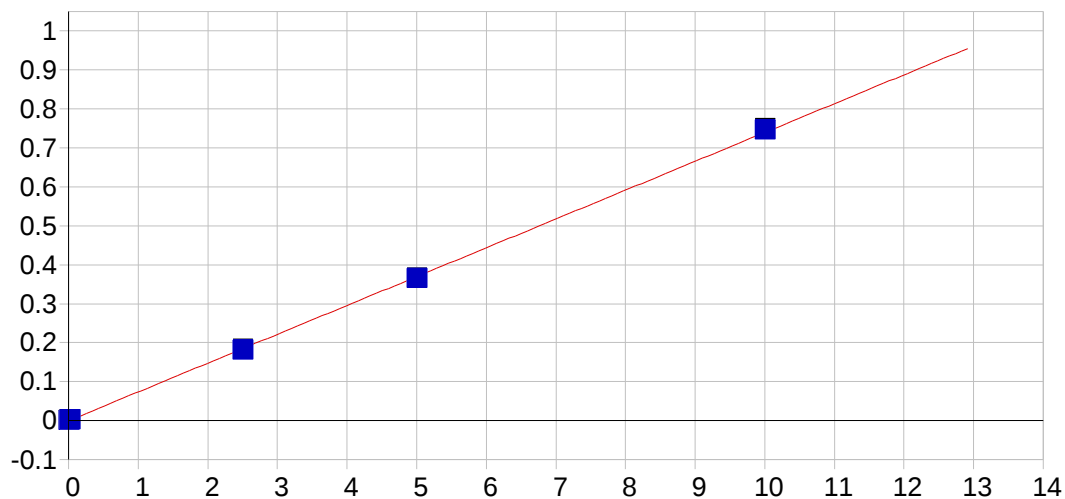


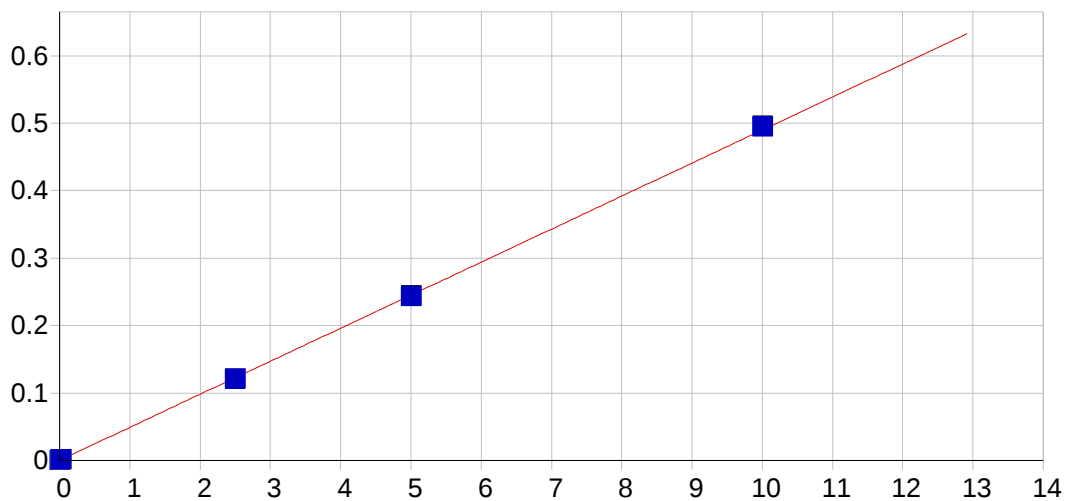


As 189.042 {478}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000488 Re-Slope: 1.000000
 A1 (Gain): 0.074007 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002740
 Predicted MQL: 0.009133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02000	.02359	.004	18.0	.00126	.000	1
S3	2.5000	2.4548	-.045	-1.81	.18117	.001	1
S4	5.0000	4.9433	-.057	-1.13	.36533	.000	1
S5	10.000	10.098	.098	.983	.74681	.002	1



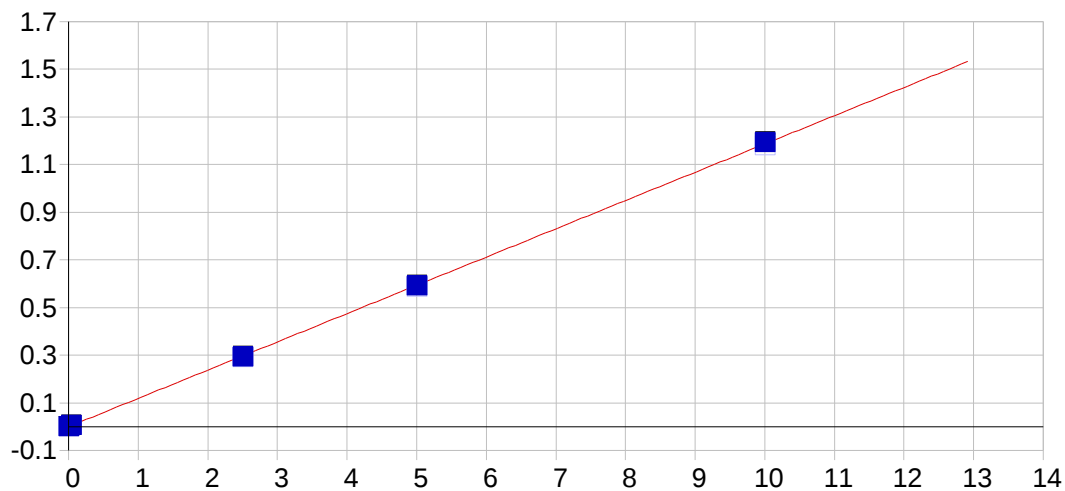
As 189.042 {479}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000214 Re-Slope: 1.000000

A1 (Gain): 0.048948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002639
 Predicted MQL: 0.008797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.02000	.02187	.002	9.35	.00128	.000	1
S3	2.5000	2.4480	-.052	-2.08	.12004	.000	1
S4	5.0000	4.9509	-.049	-.981	.24256	.001	1
S5	10.000	10.099	.099	.992	.49456	.001	1

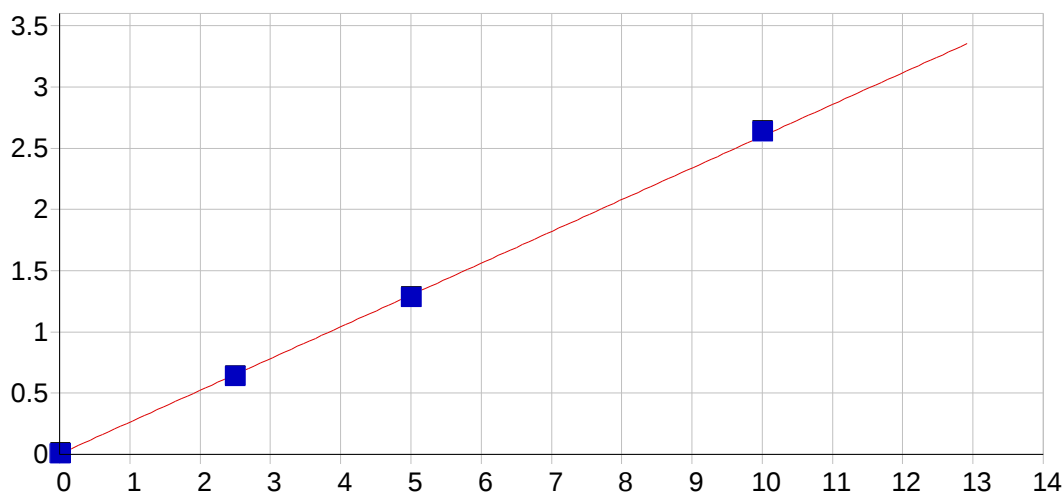


TI 190.856 {477}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.118684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001254
 Predicted MQL: 0.004180

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.04000	.04275	.003	6.87	.00472	.000	1
S3	2.5000	2.4710	-.029	-1.16	.29000	.001	1
S4	5.0000	4.9873	-.013	-.254	.58560	.001	1
S5	10.000	10.039	.039	.390	1.1791	.005	1

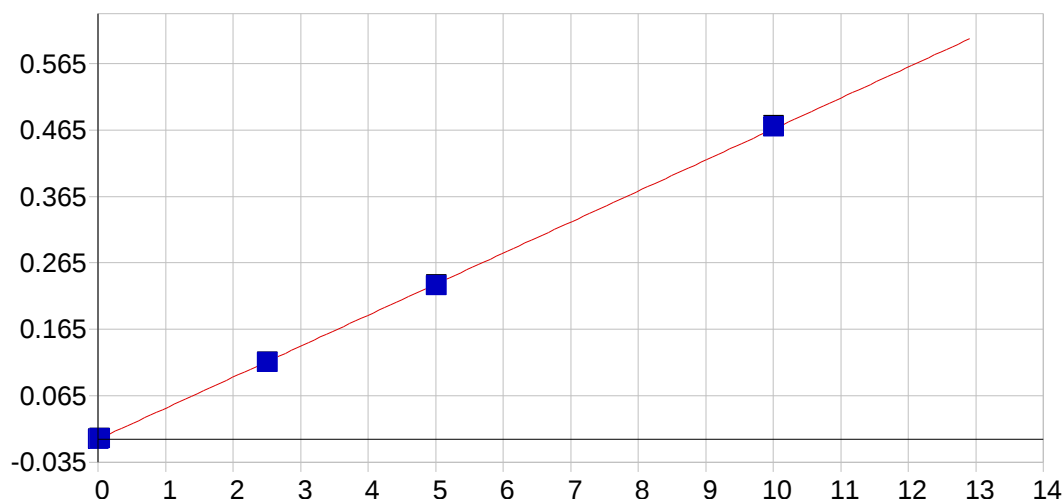


Pb 220.353 {453}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004434 Re-Slope: 1.000000
 A1 (Gain): 0.259284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.000933
 Predicted MQL: 0.003110

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00443	.000	1
S1	.01200	.01285	.001	7.08	.00771	.000	1
S3	2.5000	2.4314	-.069	-2.74	.63398	.002	1
S4	5.0000	4.9263	-.074	-1.47	1.2800	.003	1
S5	10.000	10.141	.141	1.41	2.6304	.006	1



Se 196.090 {472}

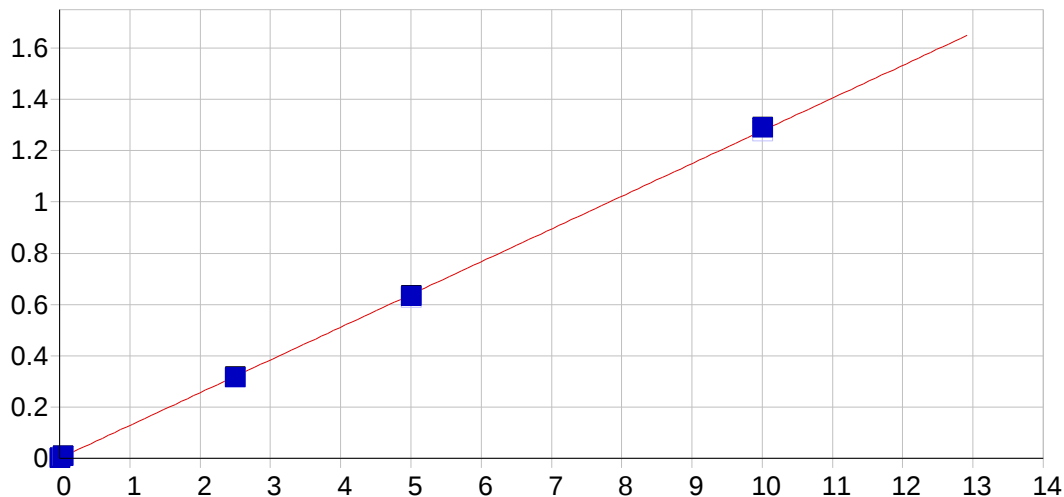
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000244 Re-Slope: 1.000000
 A1 (Gain): 0.046662 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000010
 Predicted MDL: 0.003337
 Predicted MQL: 0.011124

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.02000	.02024	.000	1.20	.00070	.000	1
S3	2.5000	2.4694	-.031	-1.23	.11496	.000	1
S4	5.0000	4.9558	-.044	-.884	.23095	.001	1
S5	10.000	10.075	.075	.746	.46975	.002	1



Sb 206.833 {463}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

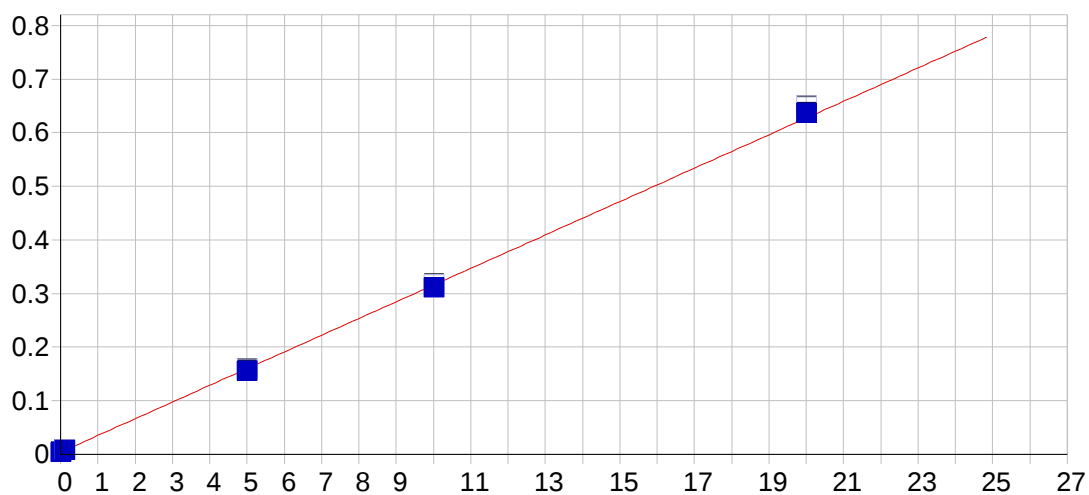
Weighting: 1/Conc

A0 (Offset): 0.000607
 A1 (Gain): 0.127675
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000050
 Predicted MDL: 0.001756
 Predicted MQL: 0.005852

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	.00061	.000	1
S1	.05000	.05348	.003	6.97	.00728	.000	1
S3	2.5000	2.4667	-.033	-1.33	.31195	.001	1
S4	5.0000	4.9491	-.051	-1.02	.62530	.001	1
S5	10.000	10.081	.081	.808	1.2733	.002	1

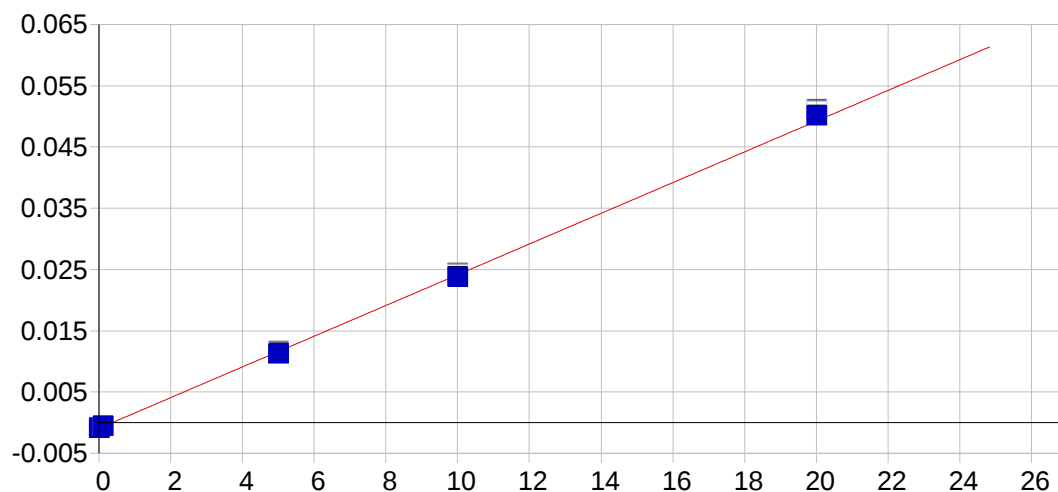


AI 308.215 {109}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004094 Re-Slope: 1.000000
 A1 (Gain): 0.031160 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.002818
 Predicted MQL: 0.009392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00409	.000	1
S1	.10000	.11613	.016	16.1	.00793	.000	1
S3	5.0000	4.8609	-.139	-2.78	.15866	.000	1
S4	10.000	9.8301	-.170	-1.70	.31661	.000	1
S5	20.000	20.292	.292	1.46	.64881	.001	1



AI 309.271 {109}

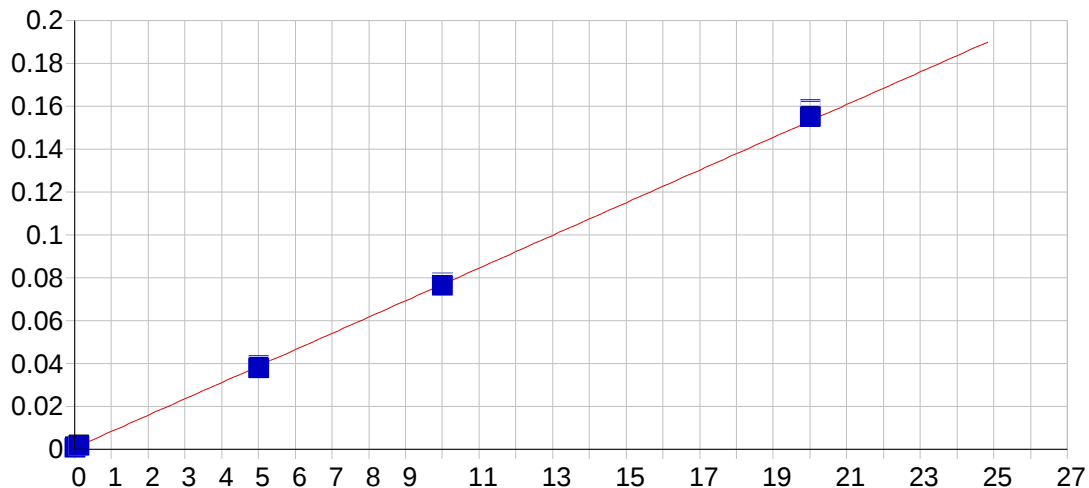
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000906 Re-Slope: 1.000000
 A1 (Gain): 0.002508 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810
 Std Error of Est: 0.000004
 Predicted MDL: 0.029425
 Predicted MQL: 0.098082

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00091	.000	1
S1	.10000	.11156	.012	11.6	-.00061	.000	1
S3	5.0000	4.8392	-.161	-3.22	.01148	.000	1
S4	10.000	9.8392	-.161	-1.61	.02427	.000	1
S5	20.000	20.310	.310	1.55	.05103	.000	1



AI 396.152 { 85}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

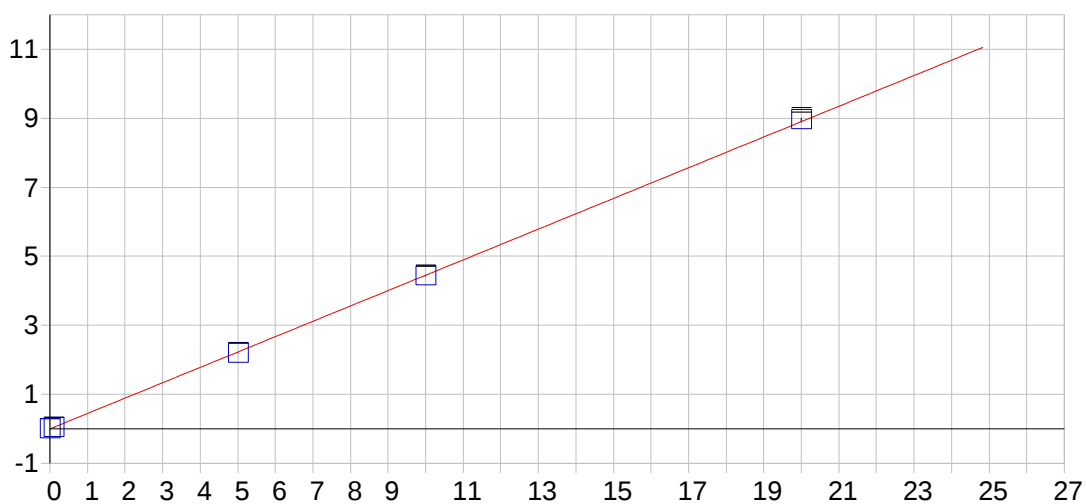
Weighting: 1/Conc

A0 (Offset): 0.000699
 A1 (Gain): 0.007622
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863
 Std Error of Est: 0.000010
 Predicted MDL: 0.013193
 Predicted MQL: 0.043978

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00070	.000	1
S1	.10000	.11517	.015	15.2	.00163	.000	1
S3	5.0000	4.8620	-.138	-2.76	.03852	.000	1
S4	10.000	9.8895	-.110	-1.10	.07759	.000	1
S5	20.000	20.233	.233	1.16	.15794	.000	1

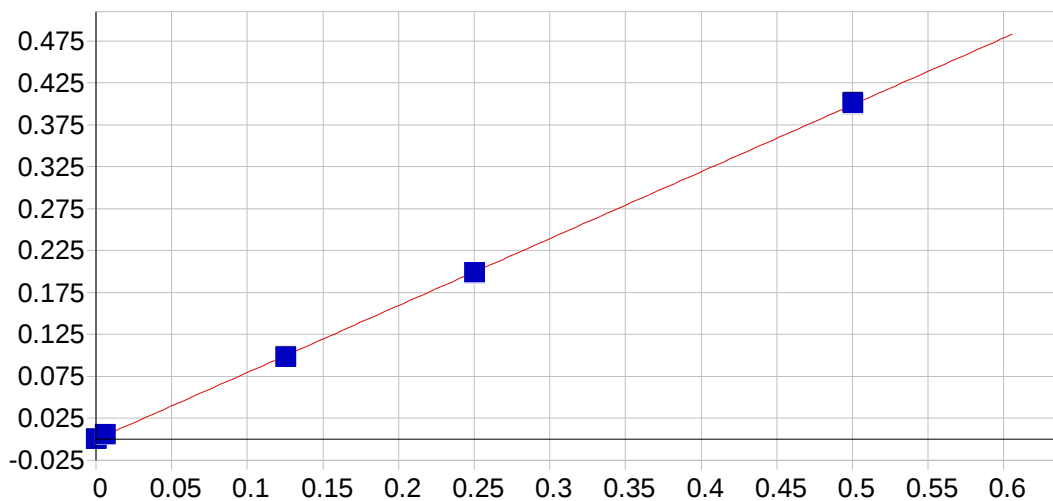


Ba 493.409 { 68}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001201 Re-Slope: 1.000000
 A1 (Gain): 0.445340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000288
 Predicted MDL: 0.000521
 Predicted MQL: 0.001738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00120	.000	1
S1	.10000	.10957	.010	9.57	.04760	.000	1
S3	5.0000	4.9380	-.062	-1.24	2.1979	.010	1
S5	20.000	20.105	.105	.523	8.9522	.061	1
S4	10.000	9.9477	-.052	-.523	4.4289	.020	1



Be 234.861 {144}

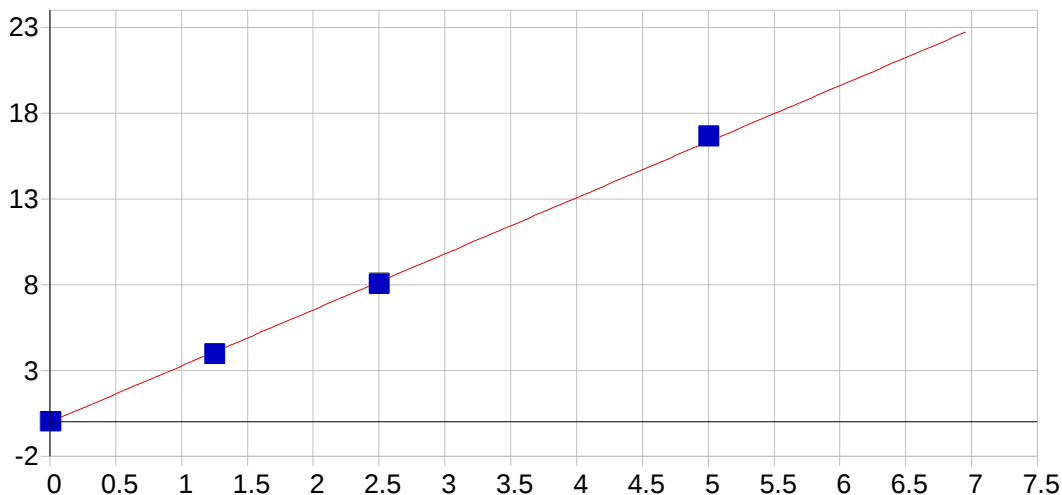
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.797973 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000025
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.00600	.00654	.001	9.03	.00510	.000	1
S3	.12500	.12312	-.002	-1.51	.09755	.000	1
S4	.25000	.24851	-.001	-.596	.19698	.000	1
S5	.50000	.50283	.003	.566	.39867	.001	1



Cd 226.502 {449}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

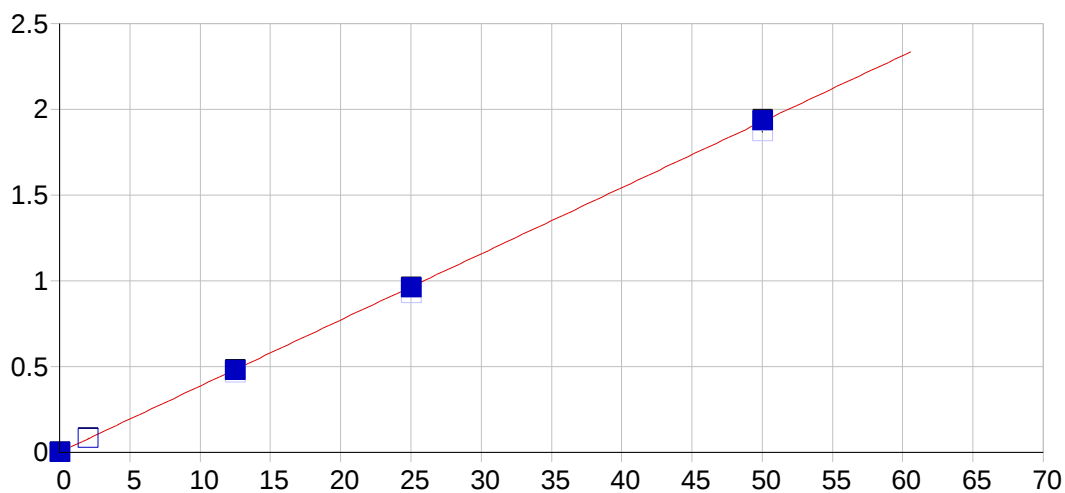
Weighting: 1/Conc

A0 (Offset): -0.000824
 A1 (Gain): 3.267571
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786
 Std Error of Est: 0.000632
 Predicted MDL: 0.000084
 Predicted MQL: 0.000279

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	-.00082	.000	1
S1	.00600	.00619	.000	3.15	.01944	.000	1
S3	1.2500	1.2045	-.046	-3.64	3.9359	.015	1
S4	2.5000	2.4602	-.040	-1.59	8.0401	.023	1
S5	5.0000	5.0851	.085	1.70	16.619	.020	1

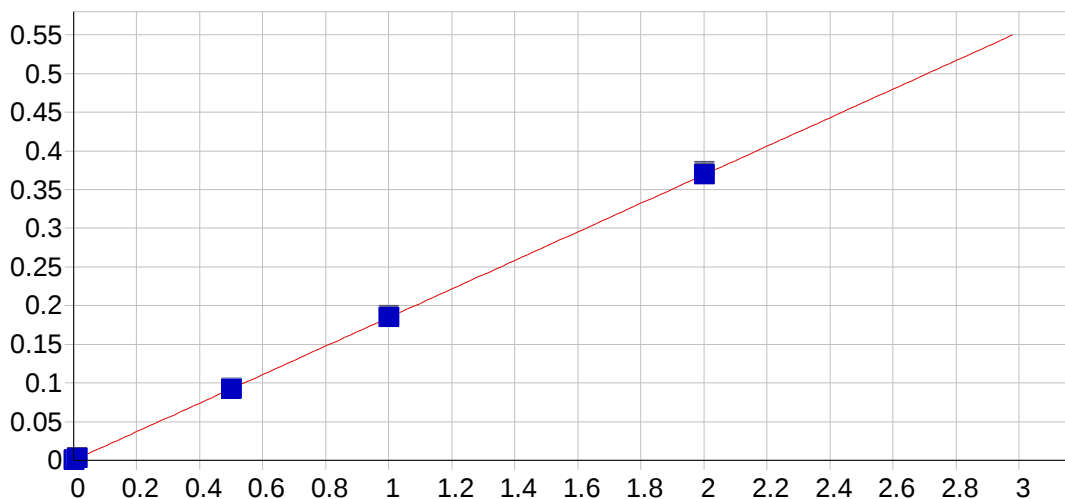


Ca 373.690 { 90}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001564 Re-Slope: 1.000000
 A1 (Gain): 0.038538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000221
 Predicted MDL: 0.017371
 Predicted MQL: 0.057903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1212	.121	6.06	.08331	.000	1
S0	.00000	-.00010	-.000	.000	.00156	.000	1
S3	12.500	12.398	-.102	-.820	.46329	.002	1
S4	25.000	24.824	-.176	-.706	.92611	.004	1
S5	50.000	50.154	.154	.307	1.8702	.005	1



Cr 267.716 {126}

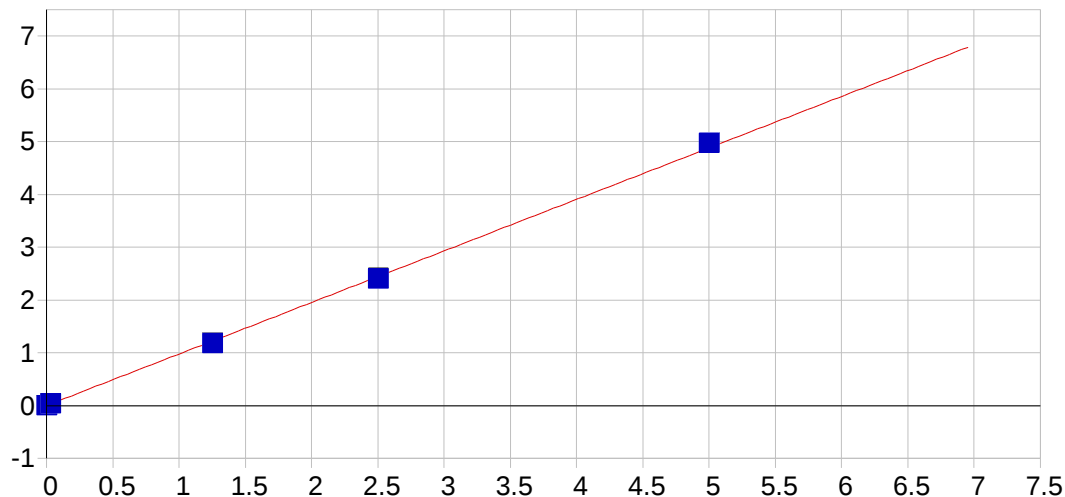
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.184501 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000008
 Predicted MDL: 0.000427
 Predicted MQL: 0.001424

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.01000	.01101	.001	10.1	.00215	.000	1
S3	.50000	.49824	-.002	-.351	.09276	.000	1
S4	1.0000	1.0001	.000	.012	.18608	.001	1
S5	2.0000	2.0006	.001	.031	.37213	.001	1



Co 228.616 {447}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

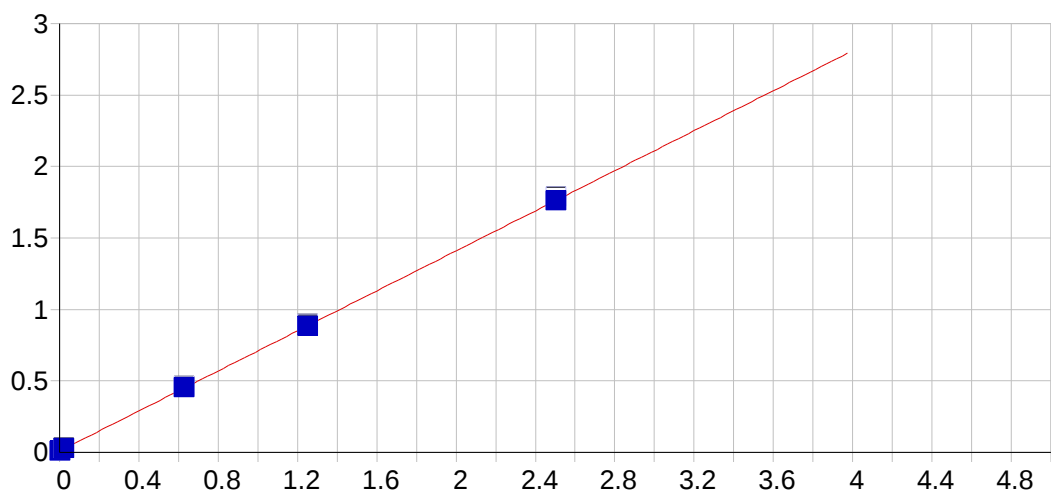
Weighting: 1/Conc

A0 (Offset): -0.000096
 A1 (Gain): 0.976265
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999769
 Std Error of Est: 0.000440
 Predicted MDL: 0.000237
 Predicted MQL: 0.000790

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	-.00010	.000	1
S1	.03000	.03066	.001	2.20	.02964	.000	1
S3	1.2500	1.2048	-.045	-3.61	1.1771	.006	1
S4	2.5000	2.4550	-.045	-1.80	2.3985	.006	1
S5	5.0000	5.0895	.090	1.79	4.9725	.007	1

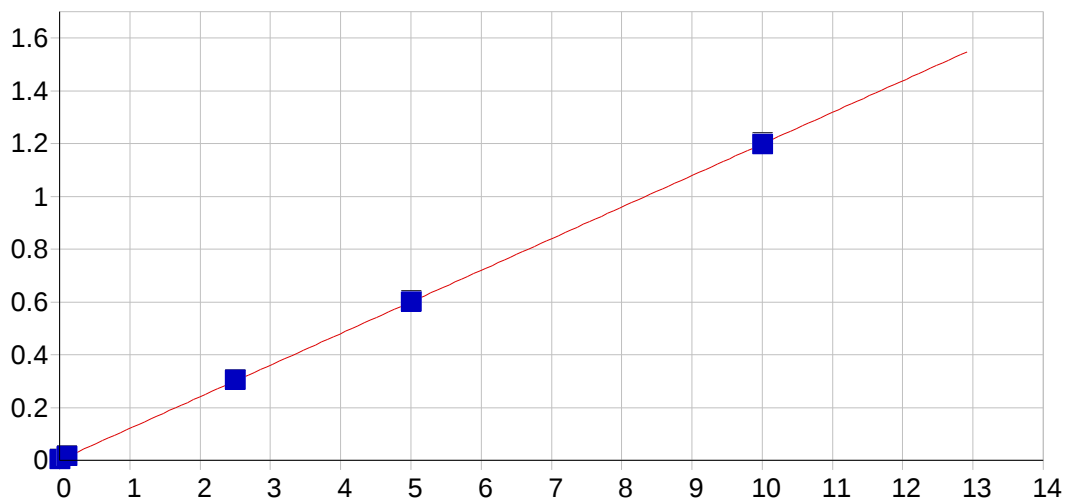


Cu 224.700 {450}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009794 Re-Slope: 1.000000
 A1 (Gain): 0.700168 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000415
 Predicted MQL: 0.001384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00979	.000	1
S1	.02000	.02273	.003	13.7	.02593	.000	1
S3	.62500	.63180	.007	1.09	.45923	.001	1
S4	1.2500	1.2441	-.006	-.471	.89503	.002	1
S5	2.5000	2.4963	-.004	-.146	1.7859	.003	1



Fe 240.488 {140}

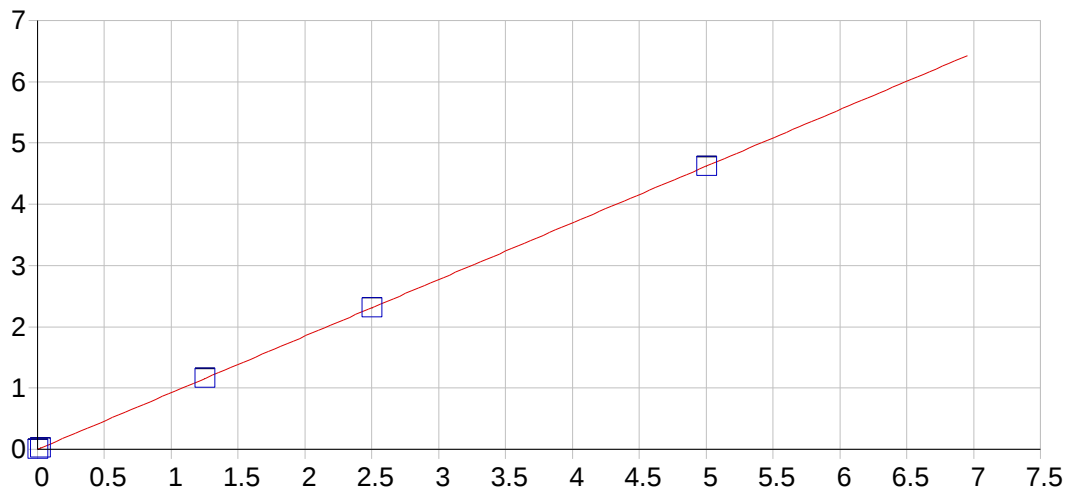
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001359 Re-Slope: 1.000000
 A1 (Gain): 0.119745 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000059
 Predicted MDL: 0.000585
 Predicted MQL: 0.001949

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00136	.000	1
S1	.10000	.11172	.012	11.7	.01480	.000	1
S3	2.5000	2.5115	.011	.460	.30322	.000	1
S4	5.0000	4.9943	-.006	-.114	.60164	.001	1
S5	10.000	9.9824	-.018	-.176	1.2012	.001	1



Mn 257.610 {131}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

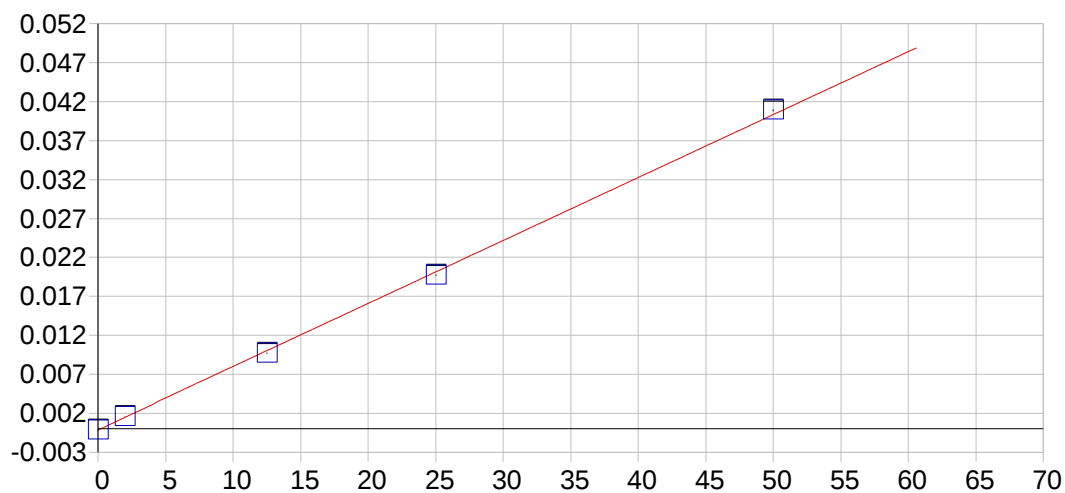
Weighting: 1/Conc

A0 (Offset): 0.000081
 A1 (Gain): 0.924203
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000121
 Predicted MDL: 0.000073
 Predicted MQL: 0.000242

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	.00008	.000	1
S1	.02000	.02319	.003	16.0	.02152	.000	1
S3	1.2500	1.2505	.001	.040	1.1558	.001	1
S4	2.5000	2.5014	.001	.055	2.3119	.002	1
S5	5.0000	4.9949	-.005	-.101	4.6164	.005	1

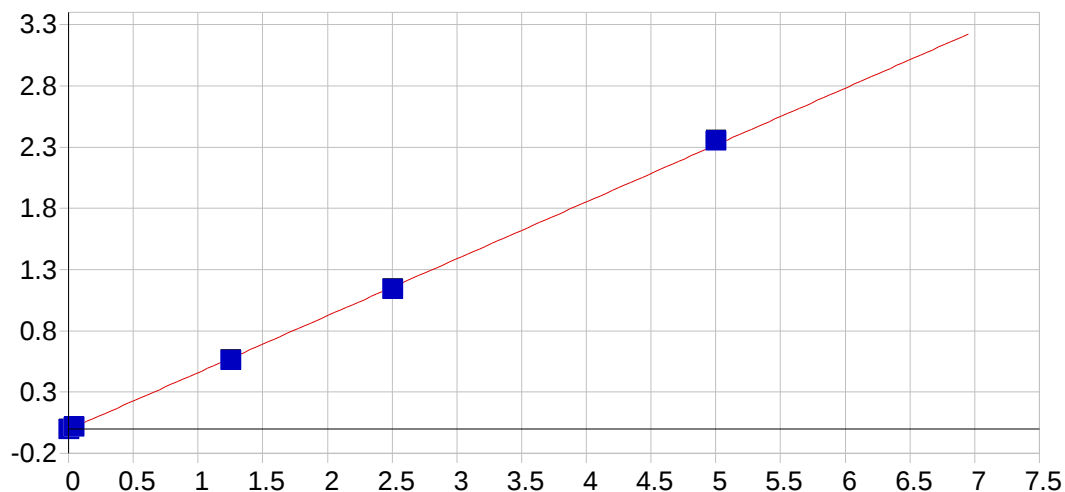


Mg 279.079 {121}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000088 Re-Slope: 1.000000
 A1 (Gain): 0.000808 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.046636
 Predicted MQL: 0.155452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1151	.115	5.75	.00162	.000	1
S0	.00000	-.00005	-.000	.000	-.00009	.000	1
S3	12.500	12.140	-.360	-2.88	.00972	.000	1
S4	25.000	24.541	-.459	-1.84	.01974	.000	1
S5	50.000	50.704	.704	1.41	.04088	.000	1



Ni 231.604 {445}

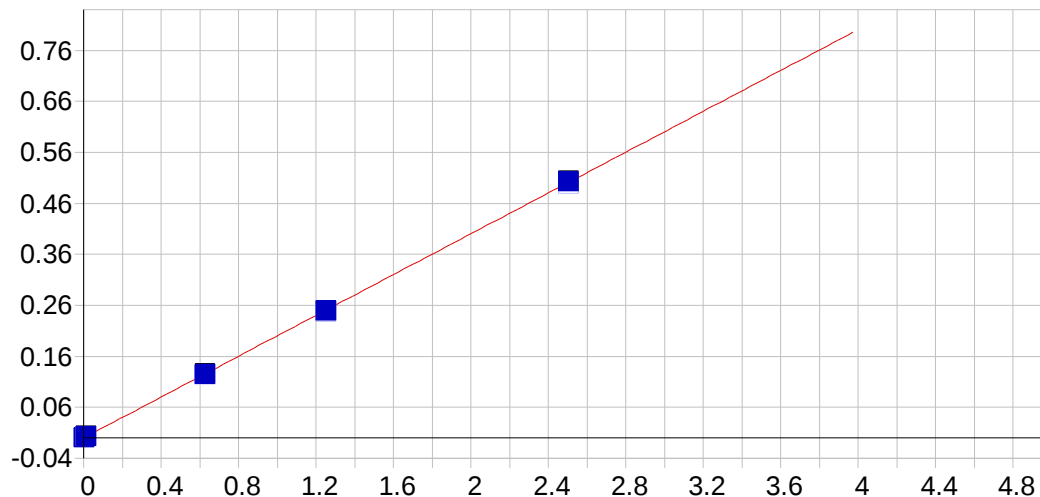
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005763 Re-Slope: 1.000000
 A1 (Gain): 0.464533 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000192
 Predicted MDL: 0.000465
 Predicted MQL: 0.001550

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00576	.000	1
S1	.04000	.04211	.002	5.27	.01381	.000	1
S3	1.2500	1.2163	-.034	-2.69	.55990	.002	1
S4	2.5000	2.4620	-.038	-1.52	1.1392	.002	1
S5	5.0000	5.0695	.070	1.39	2.3517	.003	1

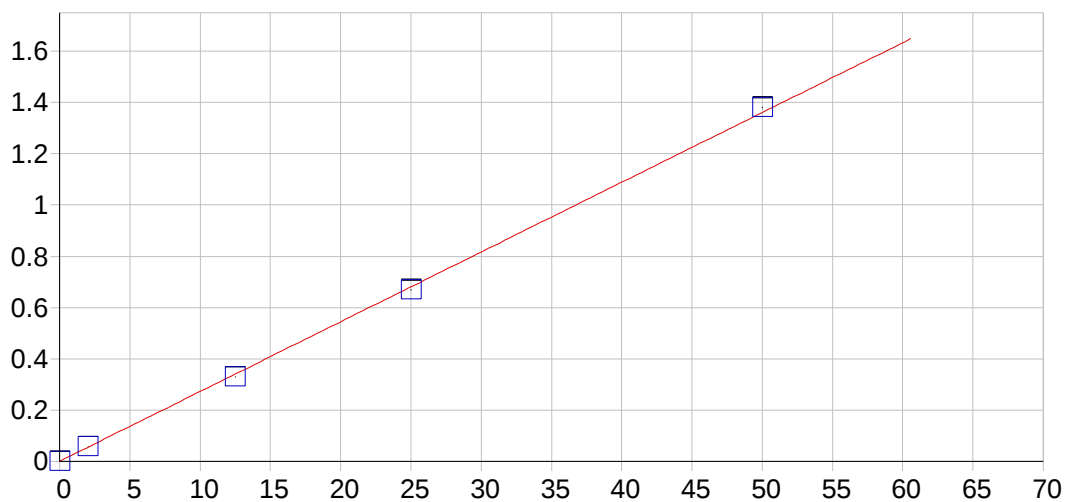


Ag 328.068 {103}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.200205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.000591
 Predicted MQL: 0.001971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01050	.001	5.04	.00212	.000	1
S3	.62500	.62396	-.001	-.167	.12355	.000	1
S4	1.2500	1.2413	-.009	-.699	.24571	.001	1
S5	2.5000	2.5093	.009	.371	.49673	.001	1

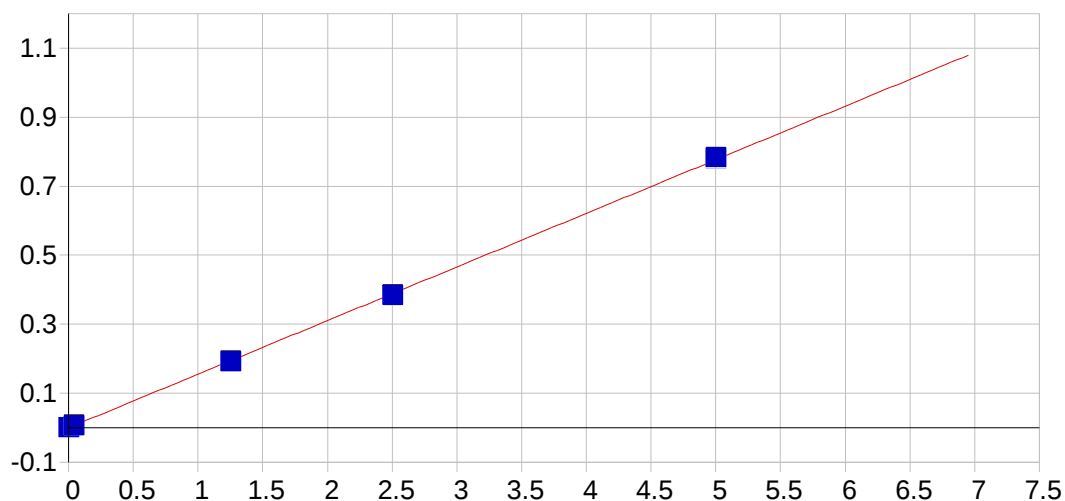


Na 589.592 { 57}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000586 Re-Slope: 1.000000
 A1 (Gain): 0.027206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000297
 Predicted MDL: 0.008883
 Predicted MQL: 0.029610

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1128	.113	5.64	.05807	.000	1
S0	.00000	-.00004	-.000	.000	.00059	.000	1
S3	12.500	12.098	-.402	-3.22	.32973	.001	1
S4	25.000	24.589	-.411	-1.65	.66954	.002	1
S5	50.000	50.700	.700	1.40	1.3799	.003	1



V 292.402 {115}

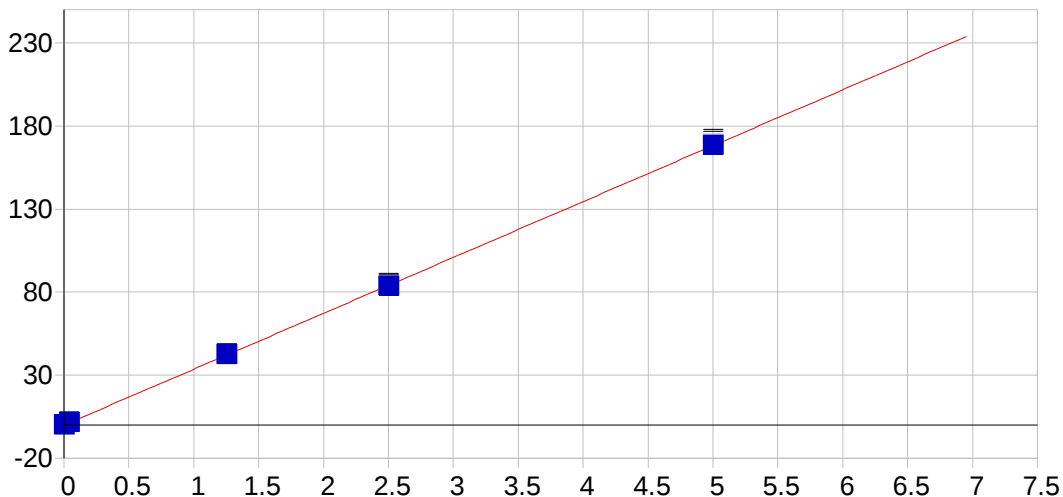
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.155340 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000038
 Predicted MDL: 0.000514
 Predicted MQL: 0.001712

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04282	.003	7.06	.00653	.000	1
S3	1.2500	1.2339	-.016	-1.29	.19038	.001	1
S4	2.5000	2.4767	-.023	-.931	.38217	.000	1
S5	5.0000	5.0366	.037	.732	.77728	.000	1



Zn 206.200 {163}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

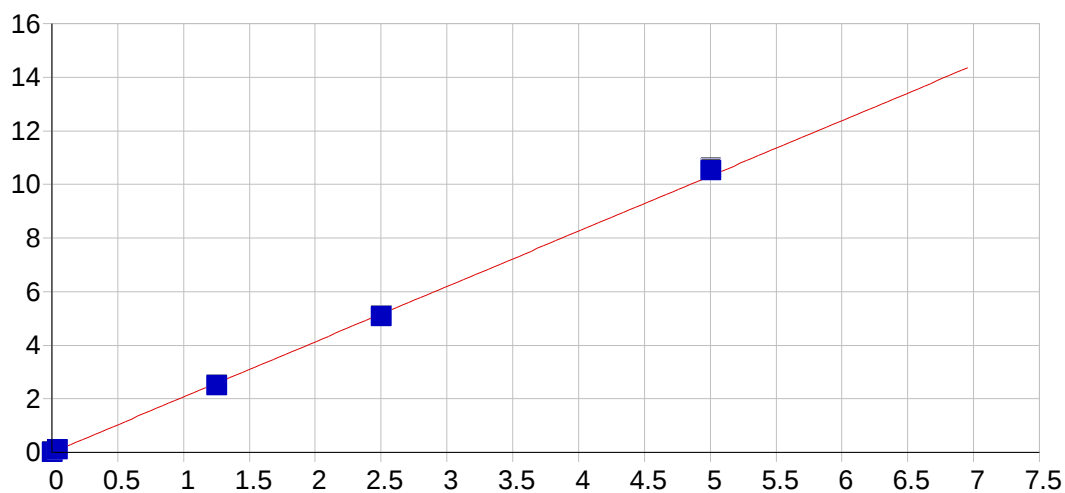
Weighting: 1/Conc

A0 (Offset): -0.001495
 A1 (Gain): 33.630035
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.007150
 Predicted MDL: 0.000459
 Predicted MQL: 0.001531

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	-.00165	.013	1
S1	.04000	.04472	.005	11.8	1.5113	.019	1
S3	1.2500	1.2567	.007	.539	42.517	.077	1
S4	2.5000	2.4856	-.014	-.576	84.098	.904	1
S5	5.0000	5.0029	.003	.059	169.26	2.48	1

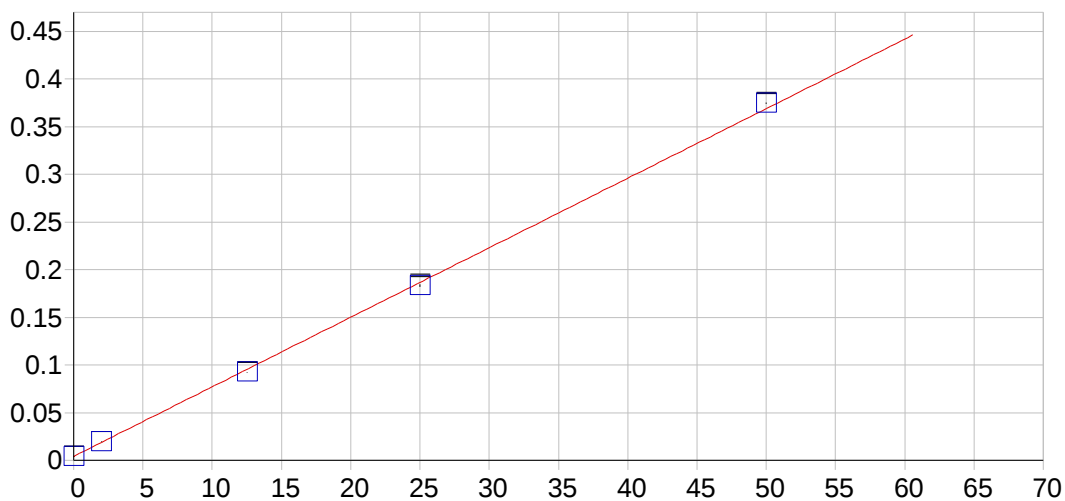


Zn 213.856 {458}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002298 Re-Slope: 1.000000
 A1 (Gain): 2.062564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.001168
 Predicted MDL: 0.000095
 Predicted MQL: 0.000318

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00230	.000	1
S1	.04000	.04078	.001	1.94	.08698	.001	1
S3	1.2500	1.2025	-.047	-3.80	2.4991	.010	1
S4	2.5000	2.4484	-.052	-2.07	5.0851	.004	1
S5	5.0000	5.0983	.098	1.97	10.584	.015	1



K 766.490 {44}

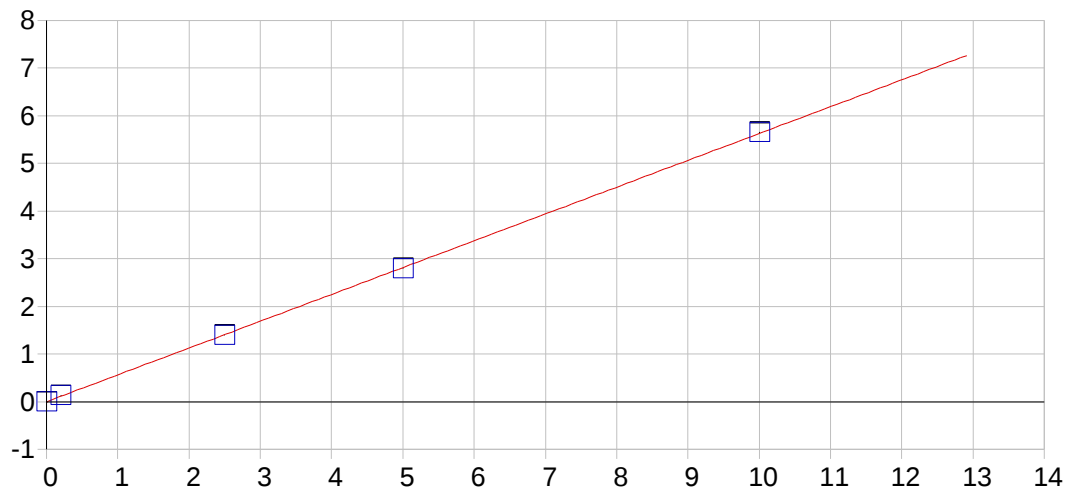
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004169 Re-Slope: 1.000000
 A1 (Gain): 0.007294 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791
 Std Error of Est: 0.000081
 Predicted MDL: 0.031479
 Predicted MQL: 0.104932

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0711	.071	3.56	.01928	.000	1
S0	.00000	-.00000	-.000	.000	.00417	.000	1
S3	12.500	12.087	-.413	-3.30	.09234	.000	1
S4	25.000	24.540	-.460	-1.84	.18318	.002	1
S5	50.000	50.801	.801	1.60	.37474	.001	1



Mo 202.030 {467}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

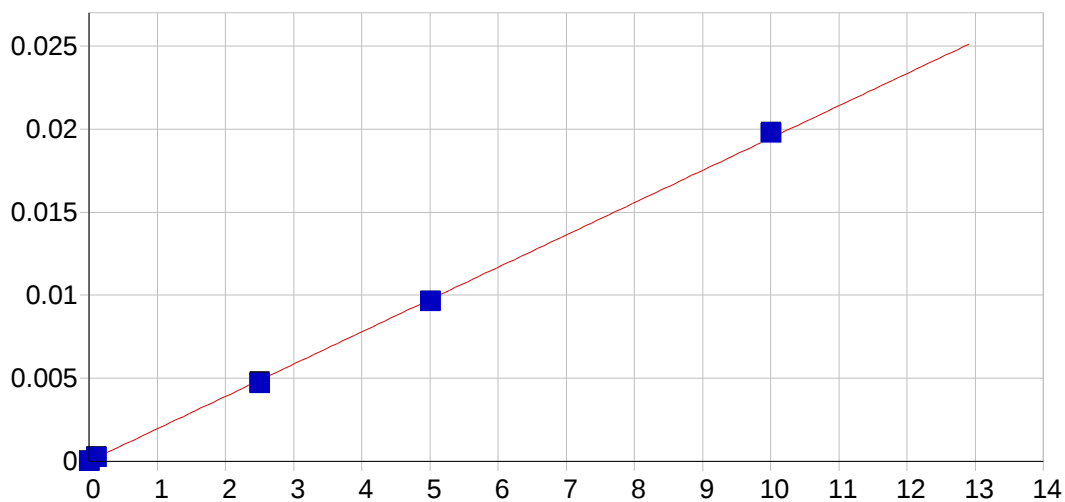
Weighting: 1/Conc

A0 (Offset): 0.000087
 A1 (Gain): 0.562763
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000555
 Predicted MDL: 0.000322
 Predicted MQL: 0.001075

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	.00008	.000	1
S1	.20000	.22178	.022	10.9	.12490	.001	1
S3	2.5000	2.4809	-.019	-.765	1.3962	.003	1
S4	5.0000	4.9627	-.037	-.745	2.7929	.006	1
S5	10.000	10.035	.035	.346	5.6472	.010	1

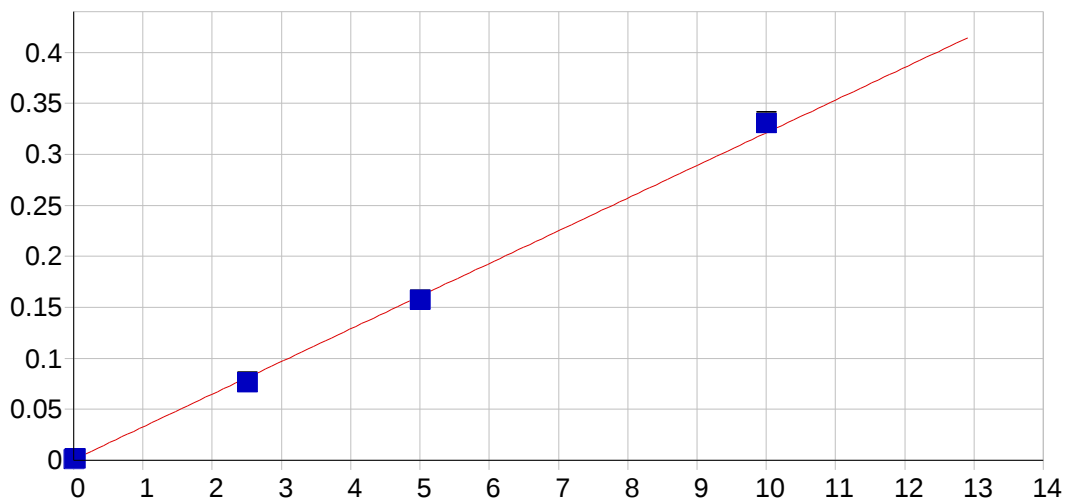


B 249.678 {135}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.001944 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.013001
 Predicted MQL: 0.043336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.10000	.10796	.008	7.96	.00023	.000	1
S3	2.5000	2.4035	-.096	-3.86	.00468	.000	1
S4	5.0000	4.9360	-.064	-1.28	.00959	.000	1
S5	10.000	10.153	.153	1.53	.01971	.000	1



S 182.034 {485}

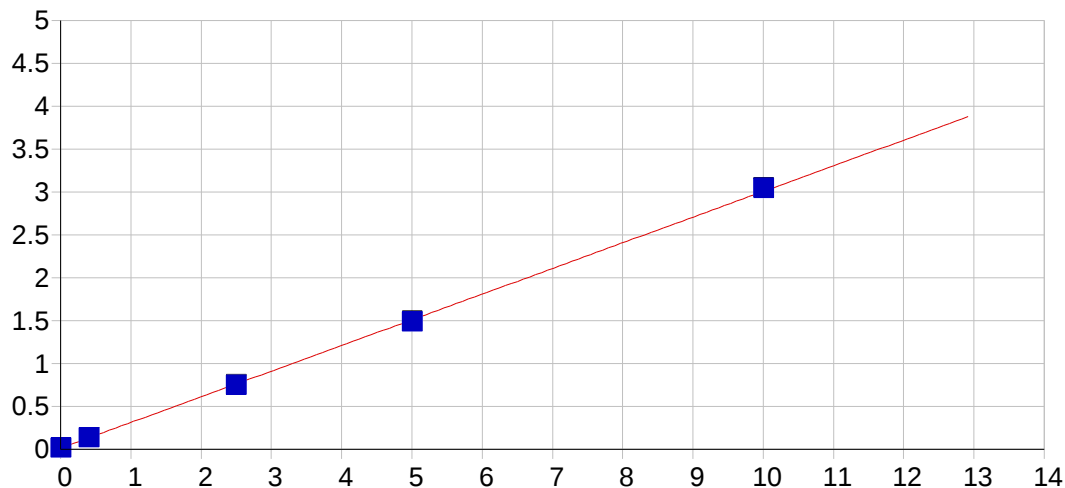
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000734 Re-Slope: 1.000000
 A1 (Gain): 0.032047 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999376
 Std Error of Est: 0.000027
 Predicted MDL: 0.003310
 Predicted MQL: 0.011033

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00073	.000	1
S1	.02000	.02197	.002	9.87	.00142	.000	1
S3	2.5000	2.3408	-.159	-6.37	.07566	.001	1
S4	5.0000	4.8712	-.129	-2.58	.15666	.000	1
S5	10.000	10.286	.286	2.86	.33001	.002	1



Si 288.158 {117}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

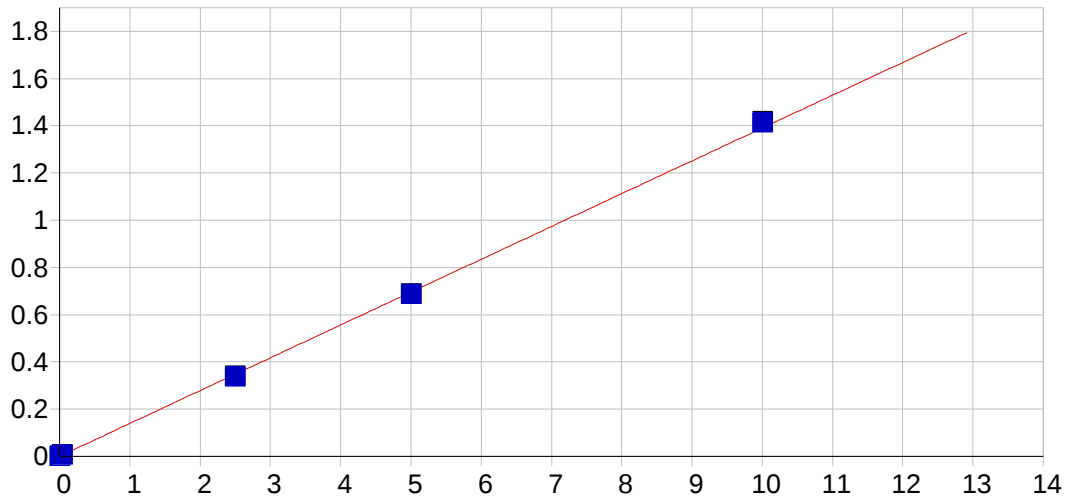
Weighting: 1/Conc

A0 (Offset): 0.013428
 A1 (Gain): 0.299284
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000450
 Predicted MDL: 0.002446
 Predicted MQL: 0.008154

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01343	.001	1
S1	.40000	.40205	.002	.512	.13365	.000	1
S3	2.5000	2.4544	-.046	-1.83	.74758	.004	1
S4	5.0000	4.9248	-.075	-1.50	1.4865	.007	1
S5	10.000	10.119	.119	1.19	3.0402	.005	1

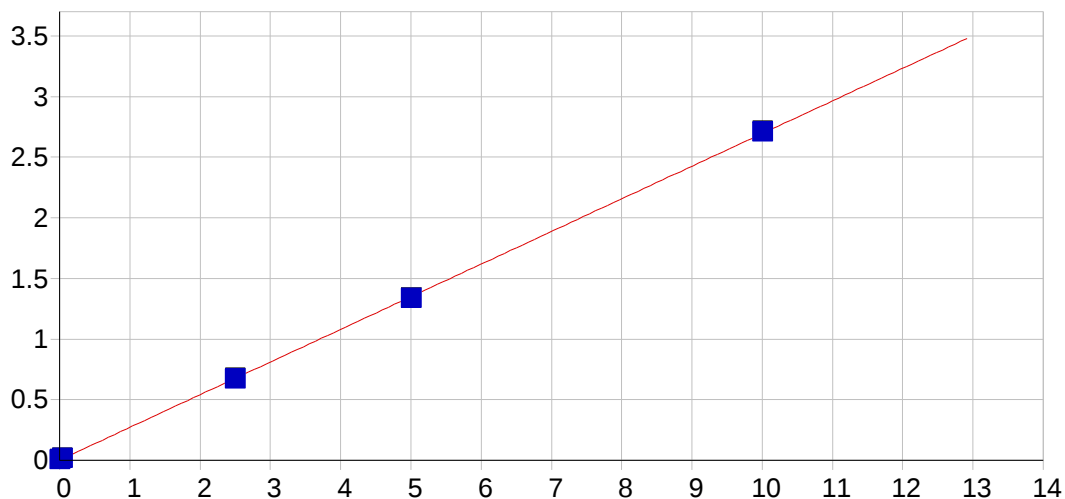


Sn 189.989 {477}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000623 Re-Slope: 1.000000
 A1 (Gain): 0.138980 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000805
 Predicted MQL: 0.002683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.04000	.03984	-.000	-.398	.00616	.000	1
S3	2.5000	2.4155	-.085	-3.38	.33638	.001	1
S4	5.0000	4.9256	-.074	-1.49	.68530	.002	1
S5	10.000	10.159	.159	1.59	1.4128	.005	1



Ti 336.121 {100}

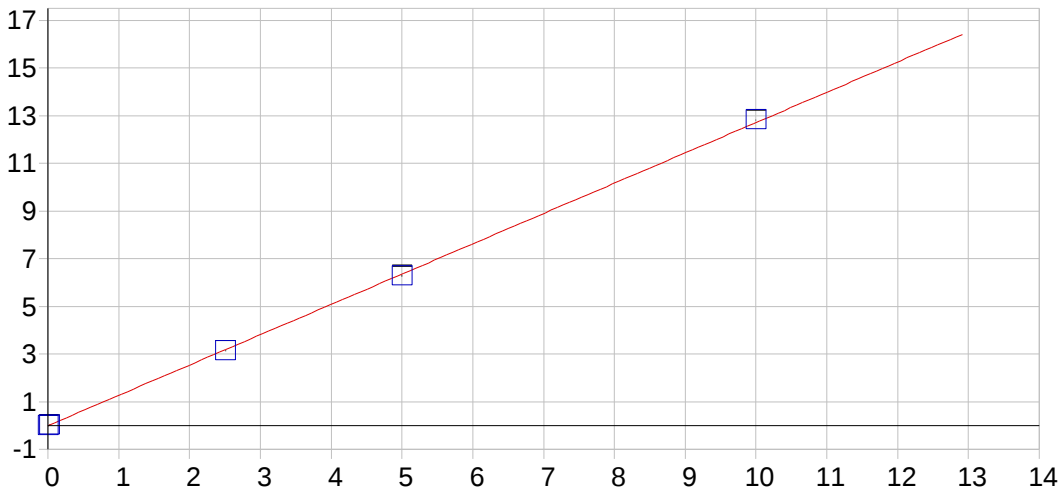
Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002895 Re-Slope: 1.000000
 A1 (Gain): 0.269200 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000088
 Predicted MDL: 0.001876
 Predicted MQL: 0.006254

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00289	.000	1
S1	.04000	.04599	.006	15.0	.01527	.000	1
S3	2.5000	2.4855	-.014	-.579	.67191	.002	1
S4	5.0000	4.9568	-.043	-.864	1.3371	.005	1
S5	10.000	10.052	.052	.517	2.7085	.005	1



Li 670.784 { 50}

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

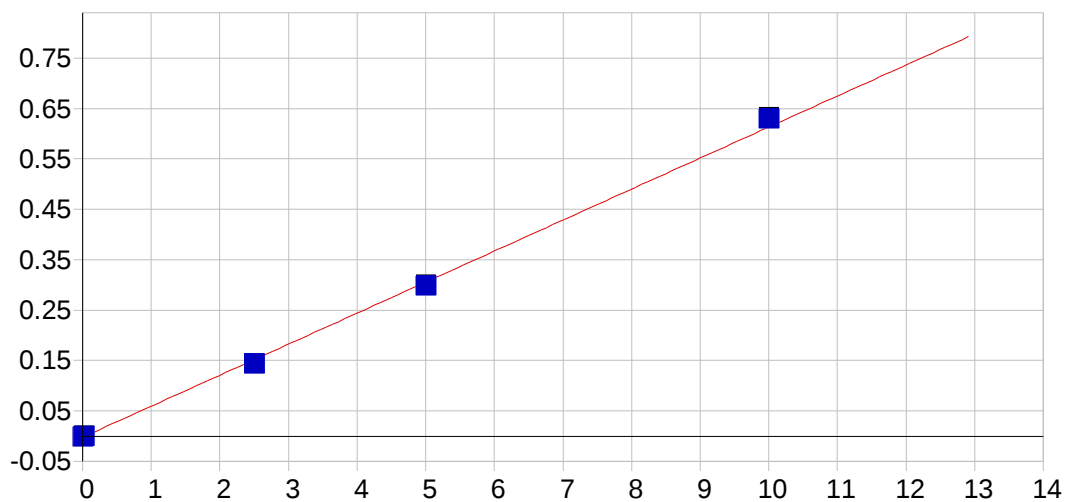
Weighting: 1/Conc

A0 (Offset): -0.006229
 A1 (Gain): 1.271329
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000325
 Predicted MDL: 0.001713
 Predicted MQL: 0.005711

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	-.00623	.003	1
S1	.02000	.02161	.002	8.04	.02124	.001	1
S3	2.5000	2.4725	-.027	-1.10	3.1372	.004	1
S4	5.0000	4.9381	-.062	-1.24	6.2717	.020	1
S5	10.000	10.088	.088	.878	12.819	.022	1



P 177.495 {490}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002016 Re-Slope: 1.000000
 A1 (Gain): 0.061522 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999465 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001934
 Predicted MQL: 0.006447

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00202	.000	1
S1	.02000	.01923	-.001	-3.85	-.00084	.000	1
S3	2.5000	2.3520	-.148	-5.92	.14246	.001	1
S4	5.0000	4.8820	-.118	-2.36	.29789	.001	1
S5	10.000	10.267	.267	2.67	.62873	.003	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

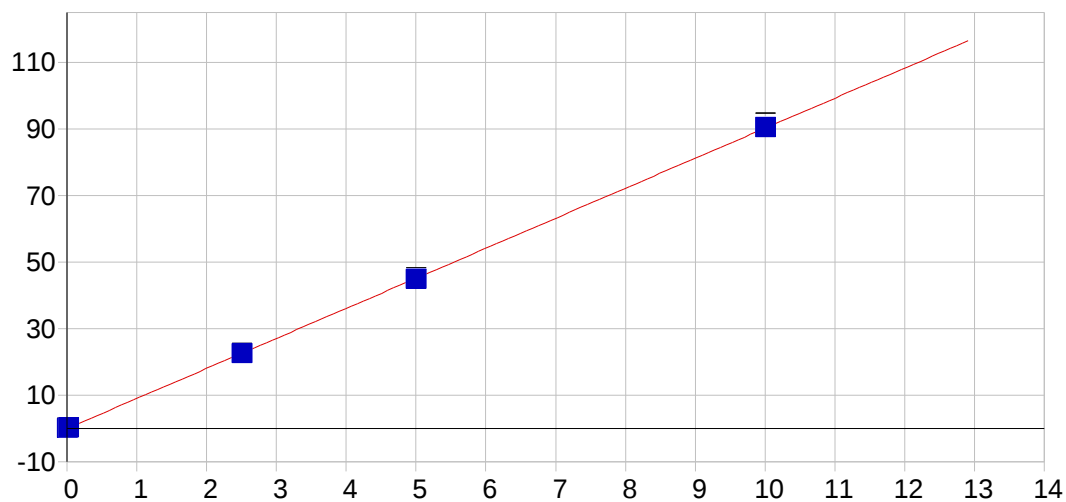
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002212

Re-Slope: 1.000000

A1 (Gain): 9.023616

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

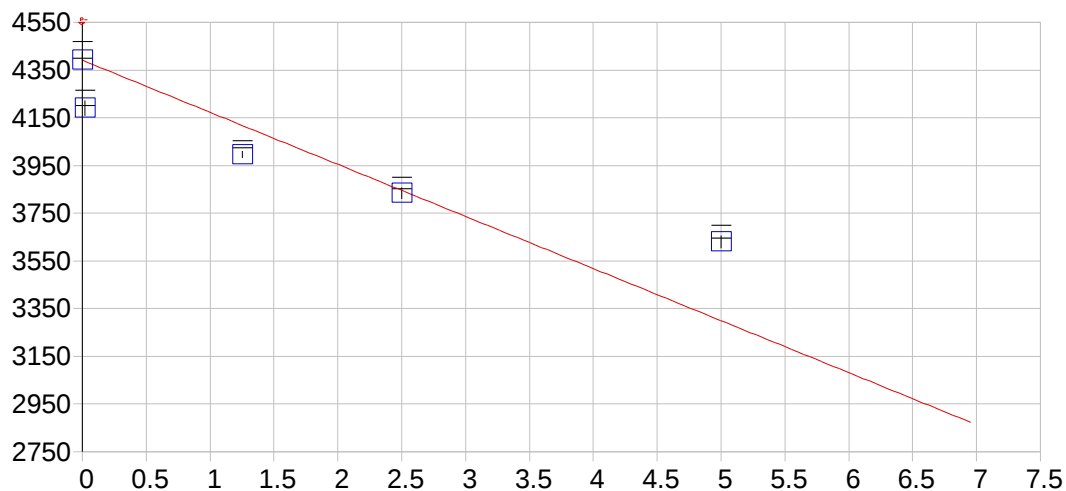
Status: OK.

Std Error of Est: 0.001232

Predicted MDL: 0.000101

Predicted MQL: 0.000338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00224	.000	1
S1	.02000	.02272	.003	13.6	.20382	.001	1
S3	2.5000	2.4974	-.003	-.105	22.558	.009	1
S4	5.0000	4.9750	-.025	-.499	44.940	.320	1
S5	10.000	10.025	.025	.249	90.557	1.19	1



Date of Fit: 6/10/2019 15:08:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 4391.143234

Re-Slope: 1.000000

A1 (Gain): -218.274625

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.418568

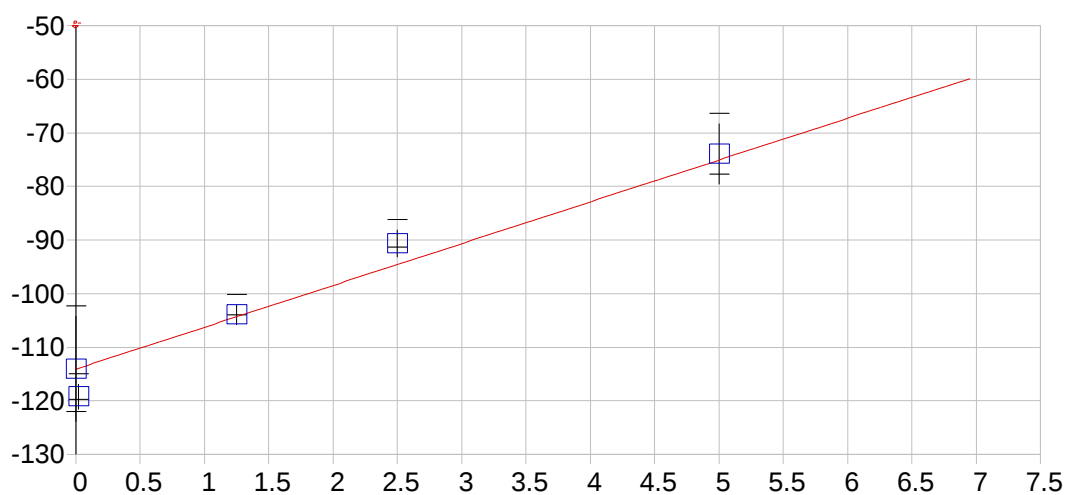
Status: Warning Negative Gain

Std Error of Est: 8.093182

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00090	-.001	.000	4391.3	35.0	1
S1	.02000	.92039	.900	4500.	4190.2	31.8	1
S3	1.2500	1.8112	.561	44.9	3995.8	14.1	1
S4	2.5000	2.5492	.049	1.97	3834.7	24.4	1
S5	5.0000	3.4893	-1.51	-30.2	3629.5	26.9	1



U 385.958 { 87}

Date of Fit: 6/10/2019 15:08:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -114.075210 Re-Slope: 1.000000
 A1 (Gain): 7.797966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.518168 Status: OK.
 Std Error of Est: 0.219952
 Predicted MDL: 1.353961
 Predicted MQL: 4.513205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	-114.07	9.82	1
S1	.02000	-.66941	-.689	-3450.	-119.30	2.39	1
S3	1.2500	1.3023	.052	4.18	-103.92	1.91	1
S4	2.5000	2.9963	.496	19.9	-90.710	2.56	1
S5	5.0000	5.1408	.141	2.82	-73.987	5.68	1

Sample Name: S0 Acquired: 6/10/2019 12:30:22 Type: Cal
Method: P4-ICP2(v3188) 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	.00021	-.00023	.00443	-.00024	.00061	.00070	-.00120	-.00007
Stddev	.00006	.00001	.00005	.00017	.00015	.00008	.00006	.00006
%RSD	25.873	5.1408	1.0180	69.678	24.513	11.786	4.8739	91.383
#1	.00026	-.00024	.00447	-.00014	.00076	.00079	-.00127	-.00011
#2	.00022	-.00023	.00439	-.00044	.00046	.00066	-.00116	-.00009
#3	.00015	-.00021	.00444	-.00015	.00061	.00064	-.00118	.00000
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	-.00082	.00156	.00011	-.00010	.00979	.00136	.00008	-.00009
Stddev	.00016	.00026	.00001	.00021	.00014	.00004	.00004	.00001
%RSD	19.016	16.790	14.011	215.01	1.4075	3.2192	57.221	13.379
#1	-.00086	.00155	.00011	-.00027	.00993	.00137	.00003	-.00009
#2	-.00065	.00131	.00012	.00013	.00980	.00140	.00012	-.00008
#3	-.00096	.00183	.00009	-.00015	.00965	.00131	.00009	-.00010
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	-.00576	.00006	.00059	-.00003	.00230	.00417	.00008	.00002
Stddev	.00012	.00008	.00011	.00003	.00011	.00011	.00012	.00001
%RSD	2.1653	141.29	18.102	94.319	4.8182	2.6758	155.40	76.240
#1	-.00572	.00004	.00054	-.00006	.00241	.00426	.00004	.00001
#2	-.00590	.00015	.00051	-.00002	.00219	.00420	.00021	.00003
#3	-.00567	-.00001	.00071	-.00001	.00231	.00405	-.00002	.00001
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	.00073	.01343	.00062	.00289	-.00623	-.0020	-.00224	4391.3
Stddev	.00012	.00055	.00010	.00025	.00320	.0000	.00025	35.0
%RSD	16.726	4.0916	16.375	8.7691	51.317	1.892	11.056	.79657
#1	.00086	.01372	.00074	.00305	-.00875	-.0020	-.00235	4376.6
#2	.00061	.01280	.00054	.00303	-.00263	-.0020	-.00195	4431.3
#3	.00073	.01377	.00059	.00260	-.00731	-.0020	-.00241	4366.2

Sample Name: S0 Acquired: 6/10/2019 12:30:22 Type: Cal
Method: P4-ICP2(v3188) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-114.07
Stddev	9.82
%RSD	8.6125

#1	-102.73
#2	-119.47
#3	-120.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.3	48597.	5423.9	91.186	4073.3
Stddev	15.3	188.	24.2	.825	7.7
%RSD	.45303	.38601	.44683	.90499	.18826

#1	3384.7	48542.	5405.6	90.233	4068.6
#2	3356.7	48443.	5451.3	91.675	4069.1
#3	3381.4	48806.	5414.7	91.650	4082.1

Sample Name: S1 Acquired: 6/10/2019 12:34:50 Type: Cal
Method: P4-ICP2(v3188) 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	.00128	.00472	.00771	.00070	.00728	.00163	.04760	.00510
Stddev	.00012	.00010	.00025	.00006	.00017	.00007	.00004	.00011
%RSD	9.0632	2.0330	3.2994	8.6410	2.3371	3.9888	.08625	2.0646

#1	.00135	.00466	.00799	.00067	.00745	.00156	.04758	.00518
#2	.00115	.00483	.00751	.00066	.00727	.00164	.04764	.00514
#3	.00135	.00468	.00762	.00077	.00711	.00169	.04756	.00498

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	.01944	.00215	.02964	.02593	.01480	.02152	.01381	.00212
Stddev	.00013	.00001	.00030	.00005	.00015	.00011	.00011	.00002
%RSD	.67624	.63405	.99600	.19747	1.0152	.52657	.78177	.98760

#1	.01953	.00215	.02991	.02592	.01497	.02165	.01387	.00212
#2	.01929	.00216	.02932	.02588	.01473	.02146	.01368	.00210
#3	.01949	.00213	.02968	.02598	.01469	.02144	.01387	.00214

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	.00653	.08698	.12490	.00023	.00142	.13365	.00616	.01527
Stddev	.00002	.00051	.00074	.00003	.00004	.00047	.00010	.00021
%RSD	.28648	.58969	.59310	15.004	2.8716	.35260	1.6694	1.3870

#1	.00654	.08735	.12479	.00027	.00139	.13376	.00607	.01522
#2	.00651	.08639	.12421	.00020	.00141	.13406	.00627	.01508
#3	.00654	.08719	.12569	.00022	.00146	.13314	.00613	.01550

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02124	-.0008	.20382	4190.2	-119.30
Stddev	.00117	.0001	.00063	31.8	2.39
%RSD	5.4860	6.572	.30850	.75828	2.0002

#1	.02073	-.0008	.20452	4221.4	-117.13
#2	.02258	-.0009	.20363	4157.9	-118.90
#3	.02042	-.0008	.20330	4191.5	-121.85

Sample Name: S1 Acquired: 6/10/2019 12:34:50 Type: Cal
 Method: P4-ICP2(v3188) 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	3332.1	48645.	5437.5	92.061	4024.5
Stddev	4.0	85.	15.9	.941	5.6
%RSD	.11881	.17403	.29295	1.0217	.13866
#1	3336.1	48572.	5455.0	91.675	4018.4
#2	3331.9	48624.	5433.8	93.133	4025.7
#3	3328.2	48738.	5423.8	91.375	4029.4

Sample Name: S2 Acquired: 6/10/2019 12:39:26 Type: Cal
Method: P4-ICP2(v3188) 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	.08331	.00162	.05807	.01928
Stddev	.00015	.00004	.00021	.00002
%RSD	.17796	2.5832	.35445	.12031

#1	.08345	.00164	.05785	.01927
#2	.08332	.00157	.05809	.01930
#3	.08316	.00165	.05826	.01926

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	48591.	5466.5
Stddev	84.	14.2
%RSD	.17388	.25940

#1	48531.	5468.2
#2	48555.	5451.5
#3	48688.	5479.7

Sample Name: S3 Acquired: 6/10/2019 12:43:42 Type: Cal
Method: P4-ICP2(v3188) 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	.12004	.29000	.63398	.11496	.31195	.03852	2.1979	.09755
Stddev	.00044	.00065	.00210	.00007	.00075	.00026	.0096	.00009
%RSD	.36756	.22533	.33122	.06261	.24141	.67506	.43631	.09708
#1	.11958	.28979	.63458	.11488	.31225	.03824	2.1869	.09746
#2	.12046	.28948	.63164	.11503	.31251	.03856	2.2044	.09753
#3	.12008	.29073	.63571	.11496	.31110	.03875	2.2024	.09765
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	3.9359	.46329	.09276	1.1771	.45923	.30322	1.1558	.00972
Stddev	.0147	.00152	.00026	.0060	.00108	.00038	.0014	.00010
%RSD	.37279	.32732	.27581	.51195	.23556	.12614	.12527	.98493
#1	3.9407	.46441	.09258	1.1823	.46040	.30348	1.1549	.00962
#2	3.9194	.46390	.09305	1.1705	.45827	.30339	1.1550	.00981
#3	3.9476	.46156	.09265	1.1784	.45903	.30278	1.1575	.00973
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	.55990	.12355	.32973	.19038	2.4991	.09234	1.3962	.00468
Stddev	.00184	.00011	.00099	.00052	.0096	.00043	.0031	.00007
%RSD	.32849	.09295	.30152	.27169	.38249	.46561	.21809	1.4718
#1	.56094	.12357	.32862	.19097	2.5069	.09187	1.3968	.00462
#2	.55777	.12365	.33053	.19016	2.4884	.09272	1.3929	.00467
#3	.56098	.12343	.33003	.19000	2.5019	.09243	1.3990	.00475
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	.07566	.74758	.33638	.67191	3.1372	.1425	22.558	3995.8
Stddev	.00079	.00397	.00145	.00166	.0039	.0009	.009	14.1
%RSD	1.0421	.53065	.43048	.24633	.12414	.6443	.03804	.35375
#1	.07600	.74858	.33794	.67021	3.1359	.1427	22.551	3979.7
#2	.07476	.75095	.33507	.67351	3.1415	.1414	22.567	4001.6
#3	.07622	.74320	.33614	.67201	3.1341	.1432	22.555	4006.1

Sample Name: S3 Acquired: 6/10/2019 12:43:42 Type: Cal
 Method: P4-ICP2(v3188) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-103.92
Stddev	1.91
%RSD	1.8367

#1	-104.04
#2	-105.77
#3	-101.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.2	47481.	5399.8	89.393	3777.6
Stddev	3.0	135.	29.0	.378	12.3
%RSD	.09170	.28406	.53776	.42247	.32577

#1	3272.8	47466.	5376.0	89.628	3770.4
#2	3277.6	47355.	5391.2	88.957	3791.8
#3	3272.2	47623.	5432.2	89.592	3770.7

Sample Name: S4 Acquired: 6/10/2019 12:47:43 Type: Cal
Method: P4-ICP2(v3188) 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	.24256	.58560	1.2800	.23095	.62530	.07759	4.4289	.19698
Stddev	.00092	.00126	.0029	.00068	.00115	.00004	.0199	.00027
%RSD	.38134	.21483	.23003	.29506	.18350	.05005	.44954	.13657
#1	.24149	.58537	1.2808	.23021	.62400	.07761	4.4121	.19702
#2	.24310	.58448	1.2767	.23156	.62618	.07762	4.4237	.19670
#3	.24308	.58696	1.2825	.23109	.62573	.07755	4.4509	.19723
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	8.0401	.92611	.18608	2.3985	.89503	.60164	2.3119	.01974
Stddev	.0228	.00394	.00051	.0056	.00202	.00130	.0020	.00008
%RSD	.28399	.42519	.27664	.23326	.22620	.21568	.08716	.42443
#1	8.0181	.92302	.18557	2.3948	.89269	.60111	2.3127	.01973
#2	8.0383	.92477	.18608	2.3959	.89618	.60069	2.3096	.01967
#3	8.0637	.93055	.18660	2.4050	.89622	.60312	2.3133	.01983
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	1.1392	.24571	.66954	.38217	5.0851	.18318	2.7929	.00959
Stddev	.0015	.00051	.00231	.00022	.0042	.00151	.0060	.00001
%RSD	.13648	.20949	.34445	.05815	.08345	.82688	.21496	.08116
#1	1.1374	.24620	.66767	.38197	5.0869	.18189	2.7861	.00960
#2	1.1402	.24577	.66885	.38213	5.0803	.18280	2.7955	.00958
#3	1.1400	.24517	.67212	.38241	5.0882	.18485	2.7972	.00959
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	.15666	1.4865	.68530	1.3371	6.2717	.2979	44.940	3834.7
Stddev	.00018	.0073	.00192	.0050	.0198	.0013	.320	24.4
%RSD	.11515	.49302	.28060	.37658	.31629	.4229	.71204	.63710
#1	.15646	1.4826	.68467	1.3334	6.2559	.2974	44.703	3827.1
#2	.15672	1.4820	.68377	1.3350	6.2653	.2969	44.814	3862.1
#3	.15681	1.4950	.68746	1.3428	6.2940	.2993	45.304	3815.0

Sample Name: S4 Acquired: 6/10/2019 12:47:43 Type: Cal
Method: P4-ICP2(v3188) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-90.710
Stddev	2.562
%RSD	2.8248

#1	-93.245
#2	-88.121
#3	-90.764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.5	46472.	5357.8	87.683	3620.0
Stddev	4.0	86.	13.7	.736	3.0
%RSD	.12500	.18528	.25556	.83889	.08397

#1	3226.2	46373.	5355.6	88.213	3621.7
#2	3218.7	46520.	5372.4	87.992	3621.8
#3	3219.8	46525.	5345.3	86.843	3616.5

Sample Name: S5 Acquired: 6/10/2019 12:51:43 Type: Cal
Method: P4-ICP2(v3188) 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	.49456	1.1791	2.6304	.46975	1.2733	.15794	8.9522	.39867
Stddev	.00110	.0046	.0059	.00201	.0022	.00036	.0607	.00053
%RSD	.22322	.38919	.22589	.42760	.17288	.22588	.67847	.13405
#1	.49566	1.1844	2.6372	.47189	1.2756	.15823	8.9863	.39816
#2	.49456	1.1764	2.6280	.46946	1.2733	.15754	8.8821	.39922
#3	.49345	1.1765	2.6261	.46791	1.2712	.15805	8.9882	.39863
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	16.619	1.8702	.37213	4.9725	1.7859	1.2012	4.6164	.04088
Stddev	.020	.0048	.00080	.0069	.0026	.0007	.0047	.00012
%RSD	.12002	.25496	.21567	.13785	.14561	.05779	.10231	.29415
#1	16.640	1.8729	.37302	4.9804	1.7882	1.2015	4.6110	.04075
#2	16.615	1.8729	.37190	4.9682	1.7865	1.2004	4.6192	.04099
#3	16.601	1.8647	.37146	4.9688	1.7831	1.2016	4.6191	.04091
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	2.3517	.49673	1.3799	.77728	10.584	.37474	5.6472	.01971
Stddev	.0029	.00103	.0025	.00039	.015	.00086	.0099	.00005
%RSD	.12176	.20783	.18186	.05027	.14511	.22860	.17489	.26317
#1	2.3548	.49768	1.3828	.77748	10.600	.37573	5.6586	.01974
#2	2.3513	.49688	1.3780	.77683	10.582	.37424	5.6417	.01965
#3	2.3491	.49563	1.3791	.77752	10.569	.37424	5.6412	.01973
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	.33001	3.0402	1.4128	2.7085	12.819	.6287	90.557	3629.5
Stddev	.00171	.0050	.0048	.0053	.022	.0028	1.188	27.0
%RSD	.51735	.16598	.34252	.19487	.17301	.4410	1.3122	.74251
#1	.33188	3.0459	1.4183	2.7145	12.844	.6319	89.820	3660.5
#2	.32853	3.0385	1.4108	2.7060	12.802	.6275	91.928	3611.9
#3	.32962	3.0363	1.4092	2.7049	12.810	.6268	89.925	3616.2

Sample Name: S5 Acquired: 6/10/2019 12:51:43 Type: Cal
 Method: P4-ICP2(v3188) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-73.987
Stddev	5.682
%RSD	7.6791

#1	-72.105
#2	-69.486
#3	-80.371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.3	45750.	5316.9	85.350	3409.1
Stddev	6.9	196.	30.4	1.746	8.4
%RSD	.22031	.42853	.57112	2.0457	.24757

#1	3122.4	45566.	5294.2	84.590	3399.4
#2	3135.3	45729.	5305.2	84.114	3414.7
#3	3133.1	45956.	5351.4	87.348	3413.1

Sample Name: ICV01 Acquired: 6/10/2019 13:11:45 Type: Unk
Method: P4-ICP2(v3188) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98034	1.0026	.96534	.98284	.97079	2.4317	.48973	.47338
Stddev	.00233	.0034	.00370	.00292	.00417	.0224	.00062	.00071
%RSD	.23748	.34065	.38285	.29730	.42925	.92097	.12602	.14954
#1	.98205	1.0011	.96161	.97958	.96842	2.4258	.48902	.47348
#2	.97769	1.0002	.96541	.98373	.96836	2.4129	.49014	.47263
#3	.98130	1.0065	.96900	.98522	.97561	2.4565	.49003	.47403
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47087	10.482	.49338	.48294	.51430	5.0112	.49682	5.8098
Stddev	.00107	.034	.00074	.00114	.00107	.0094	.00088	.0604
%RSD	.22820	.32860	.15098	.23600	.20834	.18821	.17703	1.0389
#1	.46968	10.476	.49420	.48181	.51307	5.0204	.49730	5.8795
#2	.47117	10.451	.49276	.48292	.51477	5.0119	.49580	5.7758
#3	.47176	10.519	.49317	.48409	.51505	5.0015	.49735	5.7741
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48871	.49155	9.6556	.48446	.95477	9.7398	2.5021	2.4206
Stddev	.00168	.00134	.0293	.00228	.00216	.0949	.0066	.0323
%RSD	.34466	.27175	.30289	.47132	.22636	.97443	.26285	1.3341
#1	.48834	.49001	9.6387	.48709	.95263	9.7446	2.5059	2.4369
#2	.48725	.49243	9.6388	.48322	.95474	9.6426	2.4945	2.3834
#3	.49055	.49220	9.6894	.48307	.95695	9.8322	2.5059	2.4414
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00855	2.2677	2.3830	2.4780	F .00147	F -.0016	F .00617	F 2.0092
Stddev	.00294	.0150	.0096	.0092	.00116	.0023	.00013	.1492
%RSD	34.325	.66297	.40223	.37109	79.006	140.3	2.1811	7.4246
#1	.01053	2.2628	2.3736	2.4674	.00119	-.0004	.00615	2.1754
#2	.00518	2.2845	2.3827	2.4825	.00274	-.0043	.00605	1.8870
#3	.00995	2.2557	2.3928	2.4841	.00047	-.0003	.00631	1.9652

Sample Name: ICV01 Acquired: 6/10/2019 13:11:45 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3343
Stddev	.5486
%RSD	16.452

#1	2.7343
#2	3.4585
#3	3.8102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.2	48349.	5490.4	90.273	3893.9
Stddev	7.5	94.	25.7	1.675	1.9
%RSD	.22676	.19418	.46791	1.8552	.05007

#1	3290.6	48242.	5477.4	92.207	3893.3
#2	3305.3	48387.	5473.7	89.319	3896.1
#3	3295.7	48417.	5520.0	89.294	3892.4

Sample Name: LLICV01 Acquired: 6/10/2019 13:15:49 Type: Unk
 Method: P4-ICP2(v3188) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02216	.04340	.01195	.01917	.05431	.09748	.10971
Stddev	.00133	.00061	.00015	.00128	.00082	.00594	.00057
%RSD	6.0202	1.4054	1.2617	6.6985	1.5137	6.0943	.52149

#1	.02108	.04351	.01190	.02059	.05363	.09083	.11037
#2	.02174	.04274	.01182	.01809	.05522	.09934	.10931
#3	.02365	.04394	.01211	.01883	.05409	.10227	.10946

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.00609	2.1320	.01106	.03039	.02214	.11090
Stddev	.00008	.00007	.0413	.00035	.00026	.00051	.00068
%RSD	1.2604	1.1269	1.9381	3.1962	.86357	2.3103	.61285

#1	.00660	.00606	2.0861	.01067	.03068	.02169	.11151
#2	.00644	.00617	2.1662	.01134	.03033	.02270	.11017
#3	.00655	.00604	2.1437	.01119	.03017	.02204	.11102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02317	2.1040	.04162	.01085	2.0936	.04317	.04074
Stddev	.00016	.0570	.00005	.00053	.0055	.00071	.00008
%RSD	.67781	2.7087	.12497	4.8999	.26403	1.6469	.20298

#1	.02335	2.0398	.04165	.01142	2.0991	.04345	.04071
#2	.02307	2.1237	.04165	.01038	2.0881	.04236	.04068
#3	.02309	2.1486	.04156	.01074	2.0935	.04370	.04084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1134	.22065	F .12302	.01679	.39675	.04148	.04544
Stddev	.0175	.00079	.00580	.00355	.00132	.00087	.00179
%RSD	.82816	.35748	4.7107	21.163	.33187	2.0930	3.9362

#1	2.1266	.22145	.11802	.01594	.39824	.04135	.04517
#2	2.0936	.22062	.12168	.01373	.39629	.04240	.04380
#3	2.1201	.21988	.12937	.02069	.39573	.04068	.04734

Sample Name: LLICV01 Acquired: 6/10/2019 13:15:49 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02157	.0173	.02280	F 2.1113	F<.00000
Stddev	.00132	.0013	.00005	.0676	.38488
%RSD	6.1014	7.533	.20388	3.2008	33.931

#1	.02012	.0187	.02275	2.0484	-.97292
#2	.02190	.0170	.02283	2.1027	-1.5736
#3	.02268	.0162	.02281	2.1827	-.85640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3363.7	49172.	5488.1	95.425	4043.1
Stddev	8.8	66.	10.1	1.460	5.2
%RSD	.26116	.13474	.18474	1.5295	.12880

#1	3356.7	49108.	5498.6	94.375	4037.1
#2	3361.0	49241.	5478.4	94.808	4045.4
#3	3373.6	49168.	5487.5	97.092	4046.7

Sample Name: ICB01 Acquired: 6/10/2019 13:20:15 Type: Unk
Method: P4-ICP2(v3188) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	.00069	-.00103	.00034	.00003	-.01000	.00063
Stddev	.00193	.00089	.00028	.00037	.00102	.00677	.00013
%RSD	117.60	130.29	26.758	106.70	3834.1	67.685	20.368

#1	.00340	.00172	-.00126	.00070	.00075	-.01662	.00067
#2	-.00042	.00020	-.00112	.00035	.00047	-.00310	.00073
#3	.00193	.00014	-.00073	-.00003	-.00114	-.01028	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00004	.00212	.00007	-.00002	-.00088	-.00137
Stddev	.00007	.00001	.00359	.00013	.00011	.00011	.00088
%RSD	82.320	36.811	169.32	184.01	549.97	11.969	64.390

#1	-.00012	-.00005	-.00191	.00019	.00003	-.00080	-.00164
#2	-.00000	-.00003	.00497	-.00006	-.00014	-.00100	-.00208
#3	-.00012	-.00003	.00330	.00007	.00005	-.00083	-.00038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.02557	-.00043	-.00025	-.01448	.00002	.00000
Stddev	.00003	.01483	.00022	.00017	.00546	.00023	.00009
%RSD	87.060	57.987	52.244	65.368	37.696	1125.2	5619.0

#1	-.00006	.03906	-.00017	-.00021	-.01489	.00004	-.00009
#2	-.00000	.02796	-.00060	-.00044	-.01973	.00023	.00008
#3	-.00005	.00969	-.00052	-.00012	-.00883	-.00022	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03419	-.00004	.00103	-.00231	-.00066	-.00038	.00007
Stddev	.02565	.00026	.01188	.00191	.00190	.00046	.00128
%RSD	74.999	640.51	1150.4	82.440	286.96	120.18	1721.0

#1	-.06379	-.00032	.00266	-.00136	-.00127	-.00031	-.00005
#2	-.02014	.00019	-.01157	-.00107	.00147	.00003	.00141
#3	-.01865	.00001	.01202	-.00451	-.00218	-.00088	-.00114

Sample Name: ICB01 Acquired: 6/10/2019 13:20:15 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.0036	-.00008	F 1.7466	F<.00000
Stddev	.00097	.0002	.00006	.2863	.25738
%RSD	2101.2	5.636	83.812	16.392	11.470
#1	-.00113	-.0035	-.00004	1.4561	-2.0143
#2	.00024	-.0038	-.00004	1.7552	-2.5222
#3	.00075	-.0034	-.00015	2.0286	-2.1954
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.7	49453.	5448.9	92.772	4073.7
Stddev	4.9	198.	39.8	.606	5.0
%RSD	.14664	.39974	.72957	.65273	.12390
#1	3354.0	49438.	5405.3	92.942	4077.1
#2	3362.5	49263.	5483.2	93.275	4067.9
#3	3362.6	49658.	5458.2	92.100	4076.1

Sample Name: CRI01 Acquired: 6/10/2019 13:24:44 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02308	.04379	.01244	.01773	.05276	.10697	.10855
Stddev	.00295	.00064	.00045	.00310	.00059	.00260	.00054
%RSD	12.795	1.4527	3.6062	17.489	1.1165	2.4331	.49565

#1	.02529	.04348	.01264	.01907	.05344	.10437	.10915
#2	.01973	.04452	.01193	.01993	.05251	.10958	.10837
#3	.02423	.04336	.01276	.01418	.05235	.10696	.10812

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	.00603	2.1441	.01098	.03050	.02167	.10954
Stddev	.00004	.00002	.0103	.00011	.00016	.00025	.00178
%RSD	.58015	.35134	.48059	1.0352	.52272	1.1660	1.6206

#1	.00659	.00605	2.1408	.01085	.03056	.02151	.11135
#2	.00652	.00603	2.1359	.01101	.03063	.02154	.10948
#3	.00653	.00601	2.1557	.01107	.03032	.02196	.10780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02316	2.1164	.04181	.01076	2.0981	.04263	.04058
Stddev	.00012	.0268	.00049	.00037	.0083	.00086	.00008
%RSD	.52224	1.2678	1.1627	3.4764	.39502	2.0157	.20916

#1	.02315	2.0862	.04147	.01110	2.1056	.04164	.04063
#2	.02329	2.1375	.04237	.01082	2.0997	.04322	.04062
#3	.02305	2.1256	.04160	.01036	2.0892	.04302	.04048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0573	.22161	.09766	.02092	.39575	.04035	.04429
Stddev	.0148	.00019	.01008	.00226	.00256	.00099	.00102
%RSD	.72069	.08360	10.317	10.818	.64724	2.4575	2.3120

#1	2.0585	.22144	.10653	.01894	.39520	.03988	.04473
#2	2.0419	.22181	.09976	.02043	.39351	.03969	.04502
#3	2.0715	.22159	.08671	.02338	.39854	.04149	.04312

Sample Name: CRI01 Acquired: 6/10/2019 13:24:44 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02087	.0168	.02262	F 1.9873	F<.00000
Stddev	.00067	.0007	.00010	.0776	.31452
%RSD	3.2002	4.158	.45081	3.9044	18.387
#1	.02022	.0176	.02273	1.8992	-1.5290
#2	.02155	.0166	.02258	2.0174	-1.5289
#3	.02083	.0162	.02254	2.0454	-2.0737
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.9	49256.	5469.5	92.467	4047.9
Stddev	6.6	139.	3.4	.756	4.6
%RSD	.19614	.28279	.06296	.81774	.11380
#1	3362.7	49131.	5472.6	93.333	4046.1
#2	3349.7	49232.	5470.0	91.942	4044.5
#3	3358.3	49406.	5465.8	92.125	4053.2

Sample Name: ICSA01 Acquired: 6/10/2019 13:29:11 Type: Unk
Method: P4-ICP2(v3188) 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	.00318	-.00325	-.00465	-.01422	.00709	286.31	.00805	.00443
Stddev	.00543	.00048	.00162	.00518	.00360	1.57	.00015	.00009
%RSD	170.85	14.695	34.866	36.416	50.719	.54720	1.8237	2.0509
#1	.00941	-.00273	-.00279	-.02019	.01026	284.51	.00800	.00450
#2	.00074	-.00366	-.00574	-.01143	.00318	287.06	.00822	.00445
#3	-.00060	-.00336	-.00543	-.01103	.00785	287.36	.00793	.00433
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	272.81	.05211	-.00022	.01842	99.972	.01647	292.33
Stddev	.00011	1.62	.00022	.00008	.00025	.515	.00009	2.37
%RSD	6.6247	.59510	.42297	34.545	1.3648	.51552	.56111	.81175
#1	-.00153	271.52	.05186	-.00020	.01820	99.415	.01637	289.59
#2	-.00174	272.26	.05228	-.00016	.01869	100.07	.01655	293.66
#3	-.00158	274.63	.05218	-.00031	.01836	100.43	.01649	293.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02090	-.00752	.02130	.00378	-.01306	.05446	-.00318	.01451
Stddev	.00092	.00034	.00303	.00042	.00024	.02210	.00059	.00861
%RSD	4.3994	4.4601	14.239	11.044	1.8567	40.585	18.433	59.308
#1	-.02132	-.00725	.02427	.00330	-.01288	.06904	-.00383	.02167
#2	-.02154	-.00742	.02141	.00408	-.01296	.06532	-.00269	.00496
#3	-.01985	-.00789	.01821	.00395	-.01333	.02903	-.00303	.01691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03535	-.00497	.00922	-.00083	.01743	F .0268	.00271	3.9496
Stddev	.00381	.00122	.00053	.00074	.00149	.0030	.00040	.1331
%RSD	10.769	24.599	5.7561	88.870	8.5494	11.11	14.794	3.3702
#1	.03535	-.00564	.00957	-.00165	.01770	.0239	.00267	4.0878
#2	.03915	-.00572	.00861	-.00022	.01582	.0299	.00313	3.9389
#3	.03154	-.00356	.00949	-.00062	.01876	.0265	.00233	3.8222

Sample Name: ICSA01 Acquired: 6/10/2019 13:29:11 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	94.416
Stddev	1.033
%RSD	1.0941

#1	95.527
#2	94.235
#3	93.485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.7	43747.	5259.5	84.549	3255.7
Stddev	10.4	67.	15.0	.465	10.0
%RSD	.34333	.15339	.28532	.55007	.30605

#1	3030.2	43820.	5252.8	84.416	3249.0
#2	3029.1	43689.	5276.7	85.066	3251.0
#3	3047.7	43731.	5249.1	84.165	3267.2

Sample Name: ICSAB01 Acquired: 6/10/2019 13:40:58 Type: Unk
Method: P4-ICP2(v3188) 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	.11575	.10408	.04987	.03450	.64682	268.89	.57970	.56919
Stddev	.00173	.00192	.00051	.00177	.00144	1.27	.00226	.00095
%RSD	1.4925	1.8472	1.0154	5.1428	.22193	.47162	.39043	.16756
#1	.11375	.10216	.04982	.03245	.64535	267.42	.57752	.56836
#2	.11678	.10600	.04939	.03561	.64688	269.57	.58204	.57024
#3	.11671	.10408	.05040	.03543	.64822	269.66	.57953	.56898
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0527	257.52	.58431	.52721	.58862	93.842	.54817	273.58
Stddev	.0036	.94	.00112	.00027	.00172	.453	.00206	2.19
%RSD	.34024	.36654	.19177	.05071	.29261	.48283	.37512	.80085
#1	1.0495	256.88	.58339	.52691	.58711	93.535	.54637	271.17
#2	1.0565	258.60	.58398	.52733	.59049	93.629	.55041	274.12
#3	1.0520	257.07	.58556	.52741	.58826	94.363	.54773	275.45
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0207	.21570	.01332	.54270	1.1143	-.06217	1.0988	1.1606
Stddev	.0022	.00032	.00090	.00144	.0020	.03507	.0006	.0177
%RSD	.21774	.14950	6.7865	.26528	.18092	56.412	.05781	1.5287
#1	1.0208	.21607	.01380	.54329	1.1128	-.02263	1.0982	1.1448
#2	1.0229	.21557	.01389	.54375	1.1166	-.08953	1.0988	1.1573
#3	1.0185	.21546	.01228	.54106	1.1135	-.07434	1.0995	1.1798
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03540	.98405	1.1349	1.1059	F .01688	F .0227	F .00332	4.1777
Stddev	.00392	.00432	.0033	.0023	.00098	.0019	.00066	.2155
%RSD	11.061	.43893	.28883	.20885	5.8209	8.382	19.843	5.1573
#1	.03118	.98872	1.1353	1.1042	.01793	.0242	.00323	4.2317
#2	.03892	.98323	1.1379	1.1085	.01598	.0234	.00403	4.3610
#3	.03610	.98019	1.1314	1.1050	.01673	.0206	.00272	3.9404

Sample Name: ICSAB01 Acquired: 6/10/2019 13:40:58 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	88.959
Stddev	1.259
%RSD	1.4156

#1	87.516
#2	89.520
#3	89.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.8	44226.	5303.0	86.170	3287.7
Stddev	6.7	40.	35.0	.793	12.5
%RSD	.21975	.09127	.66080	.92069	.38147

#1	3070.7	44196.	5280.0	85.278	3286.2
#2	3064.1	44211.	5285.7	86.437	3276.0
#3	3077.6	44272.	5343.3	86.795	3300.9

Sample Name: CCV01 Acquired: 6/10/2019 13:45:23 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8964	5.0093	4.8962	4.9156	4.8973	9.6928	9.8710	.24627
Stddev	.0078	.0156	.0085	.0142	.0111	.0170	.0242	.00019
%RSD	.16013	.31077	.17277	.28920	.22592	.17571	.24480	.07848
#1	4.9031	4.9950	4.8866	4.9210	4.8858	9.6826	9.8714	.24642
#2	4.8878	5.0070	4.8992	4.8995	4.8984	9.7125	9.8467	.24605
#3	4.8983	5.0259	4.9027	4.9264	4.9078	9.6835	9.8950	.24634
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4486	24.955	.99787	2.4495	1.2173	4.9439	2.4944	24.293
Stddev	.0044	.050	.00199	.0053	.0016	.0072	.0052	.057
%RSD	.18113	.20210	.19925	.21763	.12907	.14521	.20932	.23313
#1	2.4438	24.961	.99978	2.4439	1.2191	4.9487	2.5003	24.300
#2	2.4494	25.002	.99581	2.4502	1.2163	4.9357	2.4925	24.233
#3	2.4526	24.902	.99801	2.4545	1.2166	4.9474	2.4904	24.345
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4461	1.2276	24.437	2.4752	2.4240	24.462	4.9345	4.8408
Stddev	.0040	.0009	.050	.0052	.0030	.055	.0091	.0284
%RSD	.16361	.07612	.20483	.21158	.12521	.22674	.18393	.58753
#1	2.4432	1.2278	24.485	2.4763	2.4206	24.523	4.9357	4.8441
#2	2.4444	1.2285	24.385	2.4696	2.4250	24.415	4.9249	4.8109
#3	2.4507	1.2267	24.440	2.4799	2.4264	24.448	4.9429	4.8675
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8779	4.9153	4.9191	4.9575	4.9229	5.030	5.0130	F 2.8397
Stddev	.0200	.0280	.0033	.0038	.0150	.016	.0091	.1055
%RSD	.40984	.56922	.06691	.07653	.30399	.3204	.18106	3.7149
#1	4.8648	4.9225	4.9212	4.9595	4.9187	5.011	5.0054	2.9579
#2	4.9009	4.9389	4.9153	4.9599	4.9395	5.036	5.0230	2.7550
#3	4.8681	4.8844	4.9208	4.9531	4.9105	5.042	5.0104	2.8063

Sample Name: CCV01 Acquired: 6/10/2019 13:45:23 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7706
Stddev	1.4030
%RSD	50.637

#1	4.0641
#2	2.9685
#3	1.2792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.7	47409.	5382.9	88.791	3670.5
Stddev	2.3	144.	24.1	1.463	10.1
%RSD	.07029	.30416	.44723	1.6477	.27383

#1	3290.0	47249.	5373.2	88.625	3682.0
#2	3287.7	47451.	5365.2	87.418	3666.0
#3	3285.3	47528.	5410.3	90.330	3663.5

Sample Name: LLCCV01 Acquired: 6/10/2019 13:49:22 Type: Unk
Method: P4-ICP2(v3188) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02186	.04500	.01194	.02169	.05477	.10239	.10903
Stddev	.00139	.00079	.00031	.00198	.00071	.00814	.00046
%RSD	6.3534	1.7527	2.5985	9.1373	1.2948	7.9469	.42272

#1	.02266	.04538	.01226	.02386	.05400	.10728	.10850
#2	.02267	.04409	.01164	.01998	.05539	.09300	.10934
#3	.02026	.04552	.01193	.02121	.05492	.10690	.10925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00651	.00625	2.1480	.01119	.03032	.02147	.11239
Stddev	.00006	.00003	.0101	.00037	.00034	.00039	.00070
%RSD	.95726	.54101	.46779	3.3186	1.1352	1.7935	.62215

#1	.00649	.00623	2.1364	.01093	.03051	.02151	.11181
#2	.00646	.00622	2.1529	.01103	.03054	.02184	.11219
#3	.00658	.00629	2.1546	.01162	.02993	.02107	.11316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02334	2.1022	.04198	.01091	2.1155	.04280	.03999
Stddev	.00003	.1020	.00039	.00013	.0096	.00036	.00002
%RSD	.13866	4.8508	.93157	1.2138	.45188	.84756	.03867

#1	.02337	2.1749	.04204	.01085	2.1231	.04238	.04001
#2	.02335	1.9857	.04235	.01106	2.1187	.04293	.03998
#3	.02331	2.1462	.04157	.01082	2.1048	.04307	.03998

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0741	.22110	.10828	.01896	.40564	.04161	.04524
Stddev	.0251	.00200	.01044	.00346	.00385	.00060	.00067
%RSD	1.2103	.90389	9.6393	18.231	.95018	1.4512	1.4833

#1	2.0987	.22329	.10433	.02254	.40163	.04170	.04448
#2	2.0751	.21937	.12011	.01870	.40598	.04217	.04552
#3	2.0485	.22064	.10039	.01564	.40932	.04097	.04573

Sample Name: LLCCV01 Acquired: 6/10/2019 13:49:22 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02136	.0168	.02296	F 1.6947	F<.00000
Stddev	.00170	.0013	.00004	.1659	.74726
%RSD	7.9510	7.989	.16442	9.7925	36.040

#1	.02120	.0161	.02300	1.6101	-2.4252
#2	.02313	.0184	.02294	1.8859	-2.5798
#3	.01974	.0160	.02292	1.5881	-1.2152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.5	49524.	5426.6	94.278	4115.5
Stddev	17.3	81.	20.8	1.209	6.8
%RSD	.50537	.16342	.38390	1.2826	.16596

#1	3406.6	49481.	5450.5	94.825	4107.7
#2	3437.8	49474.	5417.0	92.892	4120.0
#3	3435.2	49617.	5412.4	95.117	4118.9

Sample Name: CCB01 Acquired: 6/10/2019 13:53:50 Type: Unk
Method: P4-ICP2(v3188) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00085	-.00039	-.00242	-.00019	-.00239	.00062
Stddev	.00301	.00122	.00087	.00036	.00041	.00403	.00013
%RSD	373.97	143.45	222.22	14.829	220.34	168.92	20.855

#1	.00087	.00112	.00050	-.00214	.00016	-.00660	.00059
#2	-.00224	.00191	-.00045	-.00230	-.00008	.00143	.00076
#3	.00378	-.00048	-.00122	-.00282	-.00064	-.00199	.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00005	.00832	-.00003	-.00002	-.00114	-.00014
Stddev	.00008	.00012	.01313	.00006	.00009	.00040	.00019
%RSD	187.97	262.90	157.94	173.19	411.41	35.567	134.31

#1	-.00013	-.00018	.02081	.00003	.00008	-.00069	-.00004
#2	-.00001	-.00000	.00951	-.00004	-.00005	-.00124	-.00002
#3	.00001	.00005	-.00538	-.00009	-.00010	-.00148	-.00036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01545	-.00038	-.00009	-.01789	.00014	-.00015
Stddev	.00005	.02699	.00022	.00035	.00461	.00013	.00005
%RSD	89.061	174.72	58.366	396.45	25.774	91.973	34.963

#1	-.00007	.03137	-.00038	.00004	-.02116	.00028	-.00021
#2	-.00009	.03069	-.00060	.00018	-.01988	.00002	-.00011
#3	.00000	-.01572	-.00016	-.00049	-.01261	.00013	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	-.00031	-.00104	-.00210	-.00226	-.00094	.00130
Stddev	.02292	.00015	.01610	.00163	.00178	.00064	.00040
%RSD	725.12	48.478	1546.6	77.677	78.761	68.613	30.978

#1	.00754	-.00035	-.01962	-.00057	-.00385	-.00021	.00087
#2	.02358	-.00014	.00877	-.00382	-.00034	-.00116	.00137
#3	-.02164	-.00042	.00772	-.00191	-.00257	-.00145	.00167

Sample Name: CCB01 Acquired: 6/10/2019 13:53:50 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00012	-0.0027	-0.00009	F 1.2563	F<.00000
Stddev	.00021	.0027	.00012	.1005	1.2015
%RSD	179.56	97.16	142.90	7.9995	161.47

#1	-0.00014	-0.0057	.00002	1.1427	-.22947
#2	-0.00031	-0.0017	-0.00022	1.3335	.11440
#3	.00011	-0.0007	-0.00006	1.2928	-2.1171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.2	50012.	5489.8	93.578	4150.1
Stddev	13.2	99.	41.6	1.279	9.3
%RSD	.38486	.19867	.75858	1.3664	.22324

#1	3422.8	49901.	5470.5	92.358	4139.9
#2	3433.7	50041.	5461.2	93.467	4152.5
#3	3449.1	50094.	5537.5	94.908	4158.0

Sample Name: K3250-03 Acquired: 6/10/2019 14:14:36 Type: Unk
Method: P4-ICP2(v3188) 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	.04431	-.04484	24.241	.01232	.01051	233.44	5.1559	.00677
Stddev	.00173	.00144	.033	.00516	.00414	1.01	.0150	.00007
%RSD	3.8983	3.2072	.13614	41.882	39.421	.43105	.29052	1.0018
#1	.04232	-.04324	24.260	.01780	.00807	232.72	5.1488	.00669
#2	.04542	-.04602	24.260	.01159	.01530	234.59	5.1731	.00682
#3	.04520	-.04527	24.203	.00756	.00817	233.01	5.1458	.00680
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03226	F 2021.5	.54446	4.5348	.59435	75.438	1.7224	803.49
Stddev	.00016	17.8	.00039	.0023	.00343	.514	.0002	3.76
%RSD	.49923	.87883	.07218	.05123	.57729	.68075	.01391	.46824
#1	.03220	2005.0	.54404	4.5336	.59271	75.268	1.7227	800.50
#2	.03214	2019.4	.54482	4.5374	.59829	76.016	1.7222	807.72
#3	.03244	2040.3	.54453	4.5332	.59204	75.032	1.7224	802.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69368	-.02521	36.814	3.0221	10.286	25.898	.02009	.90421
Stddev	.00195	.00070	.125	.0123	.012	.132	.00038	.02399
%RSD	.28133	2.7705	.34087	.40667	.11796	.50797	1.8789	2.6533
#1	.69202	-.02478	36.806	3.0353	10.292	25.787	.01974	.91181
#2	.69583	-.02602	36.943	3.0201	10.294	26.044	.02005	.92348
#3	.69319	-.02484	36.692	3.0110	10.272	25.864	.02049	.87734
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 174.48	1.2187	.70511	5.3643	.45121	6.607	1.4661	4.6997
Stddev	.24	.0050	.00148	.0256	.00049	.009	.0025	.2444
%RSD	.13785	.40661	.20919	.47628	.10926	.1388	.16904	5.2012
#1	174.54	1.2152	.70619	5.3463	.45110	6.611	1.4633	4.9075
#2	174.68	1.2244	.70571	5.3935	.45078	6.596	1.4668	4.4304
#3	174.21	1.2167	.70343	5.3530	.45175	6.613	1.4681	4.7613

Sample Name: K3250-03 Acquired: 6/10/2019 14:14:36 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	58.088
Stddev	1.884
%RSD	3.2430

#1	60.237
#2	56.720
#3	57.309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.8	39570.	5227.0	76.276	2668.6
Stddev	7.7	167.	6.4	1.424	4.6
%RSD	.29036	.42265	.12276	1.8668	.17378

#1	2668.0	39551.	5227.2	75.658	2665.0
#2	2658.5	39413.	5220.5	75.265	2666.9
#3	2673.8	39746.	5233.3	77.904	2673.8

Sample Name: K3250-04 Acquired: 6/10/2019 14:19:10 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LBP-2-WHITE- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05522	-.03594	1.1568	-.03468	.00786	114.11	3.7630	.01071
Stddev	.00267	.00459	.0038	.00572	.00190	.89	.0144	.00022
%RSD	4.8270	12.783	.33177	16.488	24.108	.78334	.38364	2.0971
#1	.05740	-.03983	1.1570	-.03980	.00919	113.07	3.7464	.01086
#2	.05225	-.03087	1.1529	-.03572	.00871	114.63	3.7720	.01082
#3	.05601	-.03710	1.1606	-.02851	.00569	114.62	3.7706	.01045
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01505	F 2763.5	.18266	F 5.6060	.27773	93.366	2.8571	1501.9
Stddev	.00017	27.2	.00154	.0117	.00035	.571	.0074	6.5
%RSD	1.1103	.98392	.84410	.20942	.12435	.61165	.25772	.43044
#1	.01521	2732.2	.18424	5.6176	.27737	92.717	2.8568	1494.5
#2	.01488	2781.0	.18116	5.6063	.27806	93.589	2.8647	1504.9
#3	.01505	2777.4	.18259	5.5941	.27775	93.792	2.8499	1506.3
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38140	-.01803	61.852	.84032	3.8387	13.189	.00294	.82674
Stddev	.00164	.00035	.186	.00194	.0099	.028	.00058	.02548
%RSD	.43108	1.9242	.30009	.23090	.25843	.21454	19.733	3.0819
#1	.38301	-.01797	61.653	.84205	3.8483	13.171	.00336	.84199
#2	.37972	-.01772	61.884	.83822	3.8392	13.175	.00228	.79732
#3	.38149	-.01841	62.020	.84070	3.8285	13.222	.00317	.84090
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 281.75	7.0037	-.04857	2.0876	.25137	3.723	1.4078	5.0051
Stddev	.85	.0196	.00017	.0343	.00071	.005	.0036	.1679
%RSD	.30088	.27911	.35174	1.6451	.28179	.1422	.25272	3.3538
#1	282.72	6.9861	-.04875	2.0553	.25096	3.729	1.4037	4.9529
#2	281.37	7.0003	-.04841	2.0839	.25096	3.719	1.4101	5.1928
#3	281.16	7.0247	-.04855	2.1237	.25219	3.721	1.4097	4.8695

Sample Name: K3250-04 Acquired: 6/10/2019 14:19:10 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LBP-2-WHITE- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	66.934
Stddev	.973
%RSD	1.4541

#1	67.629
#2	67.351
#3	65.822

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.7	37061.	5103.4	73.380	2470.0
Stddev	5.4	50.	1.3	1.574	9.0
%RSD	.21340	.13441	.02467	2.1444	.36631

#1	2524.5	37113.	5103.7	74.767	2461.5
#2	2529.3	37014.	5104.5	73.703	2469.0
#3	2535.3	37056.	5102.1	71.670	2479.5

Sample Name: K3191-02 Acquired: 6/10/2019 14:23:38 Type: Unk
Method: P4-ICP2(v3188) 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	.06586	-.00175	.00877	.00124	.00050	-.00307	.28145
Stddev	.00430	.00121	.00105	.00231	.00143	.00578	.00259
%RSD	6.5313	68.910	11.973	186.76	282.79	188.10	.92067

#1	.06925	-.00314	.00805	-.00132	.00107	.00208	.28073
#2	.06102	-.00100	.00829	.00318	-.00112	-.00198	.28432
#3	.06730	-.00110	.00998	.00185	.00157	-.00933	.27929

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	103.07	-.00224	.00472	.01166	2.2456
Stddev	.00000	.00009	.50	.00039	.00012	.00018	.0075
%RSD	13.106	1034.3	.48654	17.455	2.4765	1.5259	.33463

#1	.00004	.00007	102.53	-.00269	.00485	.01186	2.2444
#2	.00003	.00001	103.18	-.00205	.00463	.01151	2.2537
#3	.00003	-.00011	103.51	-.00198	.00468	.01161	2.2388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3312	59.674	.00749	-.00163	139.16	-.01392	.04281
Stddev	.0041	.569	.00004	.00024	.80	.00035	.00034
%RSD	.12256	.95304	.49532	14.895	.57426	2.5042	.79198

#1	3.3313	59.602	.00746	-.00150	139.02	-.01409	.04315
#2	3.3352	60.275	.00747	-.00148	140.02	-.01352	.04282
#3	3.3270	59.145	.00753	-.00191	138.43	-.01415	.04247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.546	.02368	.22894	2.1098	F 12.273	-.00198	-.00117
Stddev	.143	.00029	.01053	.0133	.088	.00093	.00112
%RSD	.81744	1.2313	4.6009	.62917	.72021	47.070	95.421

#1	17.590	.02388	.22886	2.1133	12.276	-.00297	-.00216
#2	17.661	.02335	.23951	2.0952	12.184	-.00113	-.00139
#3	17.385	.02382	.21845	2.1210	12.361	-.00184	.00004

Sample Name: K3191-02 Acquired: 6/10/2019 14:23:38 Type: Unk
 Method: P4-ICP2(v3188) 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	.01069	.0305	.65222	2.5956	F<.00000
Stddev	.00102	.0048	.00249	.0975	1.0947
%RSD	9.5510	15.64	.38244	3.7579	24.666

#1	.01175	.0250	.65004	2.5044	-4.1057
#2	.00971	.0329	.65167	2.6984	-5.6605
#3	.01061	.0337	.65494	2.5841	-3.5481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.2	47141.	5554.3	89.878	3666.6
Stddev	8.5	64.	37.9	1.321	1.4
%RSD	.26015	.13474	.68235	1.4701	.03773

#1	3262.1	47124.	5557.4	88.465	3665.2
#2	3252.1	47087.	5590.5	91.082	3666.6
#3	3245.3	47211.	5514.9	90.087	3668.0

Sample Name: K3250-03DLX10 Acquired: 6/10/2019 14:28:02 Type: Unk
Method: P4-ICP2(v3188) 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	.00461	-.00339	2.5787	.00191	.00006	21.838	.48663	.00074
Stddev	.00144	.00125	.0084	.00426	.00176	.043	.00297	.00002
%RSD	31.144	36.902	.32459	223.41	3146.9	.19600	.61108	2.1583
#1	.00627	-.00439	2.5722	.00293	.00168	21.790	.48582	.00073
#2	.00383	-.00199	2.5756	.00557	.00029	21.872	.48415	.00075
#3	.00374	-.00378	2.5881	-.00277	-.00181	21.852	.48993	.00072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	226.47	.06215	.46234	.06680	8.7955	.18953	76.216
Stddev	.00005	1.37	.00055	.00038	.00045	.0104	.00049	.319
%RSD	1.7990	.60508	.88854	.08305	.67449	.11763	.25629	.41816
#1	.00291	225.15	.06277	.46242	.06699	8.8063	.19009	75.994
#2	.00296	226.37	.06194	.46192	.06628	8.7943	.18925	76.073
#3	.00301	227.89	.06173	.46268	.06712	8.7857	.18925	76.581
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07096	-.00378	3.4126	.32517	.98229	2.2774	.00164	.07675
Stddev	.00062	.00048	.0145	.00107	.00112	.0190	.00047	.00884
%RSD	.87347	12.613	.42511	.32871	.11447	.83355	28.743	11.514
#1	.07024	-.00356	3.3959	.32640	.98351	2.2617	.00117	.08107
#2	.07127	-.00432	3.4222	.32455	.98130	2.2985	.00211	.06658
#3	.07135	-.00345	3.4196	.32455	.98207	2.2719	.00163	.08258
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.868	.17746	.07393	.69622	.04578	.5916	.15505	3.0499
Stddev	.053	.00411	.00151	.00589	.00048	.0021	.00033	.0741
%RSD	.33707	2.3144	2.0372	.84551	1.0584	.3478	.21200	2.4307
#1	15.870	.17540	.07219	.69024	.04532	.5894	.15469	3.1344
#2	15.920	.17480	.07483	.70201	.04573	.5935	.15511	3.0191
#3	15.813	.18219	.07477	.69642	.04629	.5919	.15534	2.9960

Sample Name: K3250-03DLX10 Acquired: 6/10/2019 14:28:02 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.9799
Stddev .6614
%RSD 9.4756

#1 6.2262
#2 7.4633
#3 7.2502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.9	45519.	5421.5	86.965	3511.3
Stddev	18.7	39.	11.3	.465	17.1
%RSD	.59346	.08551	.20888	.53488	.48734

#1	3135.2	45481.	5434.6	86.631	3492.8
#2	3156.9	45518.	5415.2	87.497	3514.7
#3	3172.5	45559.	5414.8	86.768	3526.5

Sample Name: K3250-04DLX10 Acquired: 6/10/2019 14:32:16 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LBP-2-WHITE- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00990	-.00234	.12143	-.00269	-.00011	10.089	.33242	.00109
Stddev	.00360	.00134	.00084	.00245	.00085	.118	.00277	.00012
%RSD	36.356	57.321	.69077	91.004	797.34	1.1665	.83467	10.969
#1	.00613	-.00167	.12215	-.00005	.00023	10.029	.33166	.00095
#2	.01027	-.00389	.12162	-.00488	.00053	10.013	.33010	.00116
#3	.01330	-.00147	.12051	-.00313	-.00107	10.225	.33549	.00115
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	308.83	.02043	.55879	.03111	10.634	.30347	137.56
Stddev	.00004	1.26	.00021	.00032	.00022	.014	.00016	1.27
%RSD	3.8693	.40780	1.0049	.05706	.69598	.13003	.05280	.92260
#1	.00106	307.65	.02029	.55901	.03117	10.620	.30331	136.69
#2	.00100	310.16	.02034	.55894	.03088	10.635	.30363	136.97
#3	.00098	308.68	.02067	.55843	.03130	10.647	.30349	139.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03651	-.00323	5.2342	.08807	.33676	1.0600	-.00057	.06436
Stddev	.00014	.00039	.0294	.00126	.00044	.0211	.00019	.00952
%RSD	.38108	12.117	.56200	1.4294	.12953	1.9901	32.433	14.797
#1	.03655	-.00353	5.2145	.08758	.33640	1.0817	-.00078	.07415
#2	.03636	-.00338	5.2201	.08712	.33724	1.0396	-.00043	.05513
#3	.03663	-.00279	5.2680	.08950	.33663	1.0588	-.00051	.06379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.809	.74836	-.00259	.21295	.02329	.3174	.14248	3.1431
Stddev	.032	.00415	.00170	.00010	.00103	.0017	.00061	.0902
%RSD	.12840	.55497	65.530	.04662	4.4218	.5348	.42583	2.8707
#1	24.841	.74360	-.00172	.21296	.02402	.3170	.14186	3.1363
#2	24.778	.75124	-.00150	.21304	.02211	.3192	.14249	3.2365
#3	24.808	.75025	-.00455	.21284	.02374	.3159	.14308	3.0565

Sample Name: K3250-04DLX10 Acquired: 6/10/2019 14:32:16 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LBP-2-WHITE- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.7559
Stddev	1.4873
%RSD	19.177

#1	8.3268
#2	8.8731
#3	6.0676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.0	44481.	5332.5	83.444	3383.4
Stddev	12.0	84.	18.5	1.196	7.9
%RSD	.38810	.18983	.34736	1.4328	.23447

#1	3075.8	44424.	5332.3	84.290	3375.0
#2	3085.7	44578.	5314.1	82.077	3384.5
#3	3099.6	44442.	5351.1	83.966	3390.8

Sample Name: PB120472BL Acquired: 6/10/2019 14:36:33 Type: Unk
Method: P4-ICP2(v3188) 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	-.00131	.00145	-.00025	-.00066	.00081	-.01518	.00056	.00000
Stddev	.00178	.00102	.00070	.00212	.00070	.00211	.00054	.00005
%RSD	136.16	69.807	278.96	322.65	86.467	13.921	96.157	1241.0

#1	-.00209	.00039	-.00054	-.00288	.00093	-.01417	.00031	-.00005
#2	.00073	.00242	.00054	.00135	.00006	-.01376	.00019	.00002
#3	-.00257	.00155	-.00075	-.00045	.00145	-.01761	.00118	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00665	-.00005	.00013	-.00139	-.00122	-.00007	-.01230
Stddev	.00007	.01165	.00027	.00016	.00066	.00005	.00007	.04967
%RSD	248.03	175.32	547.38	126.71	47.426	4.0339	103.38	403.93

#1	.00003	.01565	-.00036	.00027	-.00201	-.00126	-.00016	-.03364
#2	-.00011	-.00651	.00006	-.00005	-.00070	-.00117	-.00003	.04448
#3	-.00001	.01080	.00015	.00017	-.00145	-.00123	-.00002	-.04773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00049	.00277	.00002	-.00014	-.03464	-.00059	-.01458
Stddev	.00011	.00036	.00512	.00033	.00009	.01320	.00024	.00802
%RSD	86.095	73.785	184.93	2107.6	61.681	38.115	40.884	54.966

#1	.00003	-.00088	-.00154	.00027	-.00009	-.03219	-.00087	-.01123
#2	.00010	-.00043	.00842	-.00036	-.00009	-.04889	-.00049	-.00879
#3	.00024	-.00016	.00142	.00014	-.00024	-.02283	-.00042	-.02373

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01015	.00006	-.00156	.00177	-.00012	-.0031	-.00000	1.1447
Stddev	.00383	.00096	.00042	.00217	.00042	.0015	.00007	.2357
%RSD	37.701	1506.1	26.759	122.66	354.90	50.29	1521.8	20.588

#1	.00704	.00022	-.00198	.00037	.00032	-.0034	.00004	1.3073
#2	.01443	-.00096	-.00114	.00428	-.00050	-.0014	.00003	1.2524
#3	.00899	.00093	-.00157	.00067	-.00018	-.0044	-.00008	.87442

Sample Name: PB120472BL Acquired: 6/10/2019 14:36:33 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .53703
%RSD 69.585

#1 -.29989
#2 -1.3561
#3 -.65927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.7	49078.	5441.2	89.756	4057.7
Stddev	5.8	41.	22.5	.938	3.8
%RSD	.17136	.08348	.41437	1.0449	.09245

#1	3401.9	49126.	5416.0	90.708	4055.0
#2	3412.1	49056.	5448.2	88.833	4056.2
#3	3412.0	49053.	5459.4	89.725	4062.0

Sample Name: PB120472BS Acquired: 6/10/2019 14:41:01 Type: Unk
Method: P4-ICP2(v3188) 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	.74804	1.9903	.95477	1.8990	.76779	1.9455	.20672	.18873
Stddev	.00423	.0021	.00156	.0026	.00505	.0257	.00202	.00057
%RSD	.56573	.10447	.16366	.13485	.65717	1.3205	.97795	.30067
#1	.74724	1.9883	.95639	1.8985	.76631	1.9168	.20439	.18829
#2	.74427	1.9902	.95328	1.8967	.76364	1.9535	.20783	.18853
#3	.75262	1.9924	.95463	1.9018	.77340	1.9663	.20794	.18937
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19034	F 1.5711	.42815	.19892	.30806	3.1120	.21110	1.9704
Stddev	.00042	.0134	.00233	.00017	.00095	.0086	.00039	.0046
%RSD	.22133	.85515	.54433	.08734	.30883	.27510	.18264	.23250
#1	.18989	1.5728	.42549	.19910	.30702	3.1072	.21075	1.9732
#2	.19073	1.5569	.42983	.19875	.30829	3.1219	.21104	1.9651
#3	.19041	1.5836	.42912	.19892	.30888	3.1069	.21151	1.9727
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49412	.07113	3.0857	.31502	.18949	10.009	.40967	.28168
Stddev	.00088	.00020	.0332	.00037	.00007	.044	.00146	.01832
%RSD	.17869	.28353	1.0772	.11764	.03455	.43597	.35662	6.5054
#1	.49434	.07133	3.0478	.31469	.18946	9.9595	.40855	.29450
#2	.49315	.07093	3.1102	.31542	.18957	10.042	.40914	.28985
#3	.49488	.07115	3.0990	.31496	.18945	10.025	.41133	.26070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00261	.89431	.67424	.20414	.21618	5.688	.21430	F 1.6775
Stddev	.00181	.00132	.00106	.00380	.00209	.008	.00142	.1911
%RSD	69.449	.14717	.15664	1.8614	.96463	.1448	.66328	11.392
#1	.00147	.89482	.67423	.19999	.21480	5.697	.21271	1.8523
#2	.00167	.89529	.67319	.20496	.21858	5.684	.21472	1.4735
#3	.00470	.89282	.67530	.20746	.21516	5.682	.21546	1.7066

Sample Name: PB120472BS Acquired: 6/10/2019 14:41:01 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.4170
Stddev .9091
%RSD 12.256

#1 6.9115
#2 6.8731
#3 8.4665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.9	48867.	5382.0	90.961	3985.4
Stddev	8.4	205.	10.7	1.233	12.4
%RSD	.24951	.41868	.19836	1.3557	.31136

#1	3352.9	48828.	5377.5	92.325	3971.7
#2	3369.2	48686.	5374.3	90.633	3988.7
#3	3357.7	49089.	5394.2	89.925	3995.9

Sample Name: PB120472TB Acquired: 6/10/2019 14:45:08 Type: Unk
Method: P4-ICP2(v3188) 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	-.00376	-.00501	.00034	.00245	.00076	-.00431	.00032	-.00011
Stddev	.00159	.00132	.00089	.00258	.00115	.00647	.00020	.00007
%RSD	42.356	26.279	263.65	105.51	150.06	150.07	62.816	68.275
#1	-.00199	-.00603	.00026	.00459	.00195	-.00522	.00035	-.00014
#2	-.00507	-.00548	-.00051	.00318	.00067	.00256	.00010	-.00002
#3	-.00422	-.00353	.00126	-.00042	-.00033	-.01029	.00050	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00365	.00110	-.00027	-.00107	.00071	-.00003	.02298
Stddev	.00010	.02283	.00034	.00004	.00027	.00058	.00004	.05391
%RSD	78.834	625.08	31.369	14.648	25.061	80.865	140.23	234.61
#1	-.00018	.02693	.00123	-.00023	-.00128	.00136	.00002	.08520
#2	-.00020	.00272	.00135	-.00030	-.00077	.00055	-.00005	-.00978
#3	-.00001	-.01870	.00071	-.00029	-.00116	.00024	-.00006	-.00649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00119	F 334.04	-.00014	.00471	.05122	-.00040	-.01254
Stddev	.00047	.00022	3.22	.00015	.00014	.02486	.00037	.02411
%RSD	50.397	18.730	.96450	109.76	2.9385	48.533	92.395	192.18
#1	.00141	.00107	330.51	-.00030	.00475	.05223	-.00000	-.00431
#2	.00095	.00145	336.82	-.00001	.00456	.02587	-.00046	-.03969
#3	.00046	.00106	334.79	-.00009	.00483	.07556	-.00073	.00637
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01301	.00379	-.00001	.00108	.00193	-.0048	-.00006	3.1600
Stddev	.00079	.00052	.00056	.00149	.00215	.0019	.00007	.0560
%RSD	6.0964	13.701	5857.9	137.86	111.61	40.49	124.78	1.7719
#1	.01296	.00359	.00054	.00214	-.00019	-.0027	-.00002	3.2222
#2	.01224	.00340	.00001	-.00062	.00411	-.0051	-.00014	3.1135
#3	.01382	.00438	-.00058	.00173	.00186	-.0065	-.00001	3.1444

Sample Name: PB120472TB Acquired: 6/10/2019 14:45:08 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.0951
%RSD	27.801

#1	-9.7488
#2	-5.5827
#3	-7.2771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.9	45347.	5403.0	89.572	3596.1
Stddev	9.4	28.	22.3	.912	9.8
%RSD	.29131	.06148	.41318	1.0181	.27338

#1	3209.3	45376.	5426.2	90.192	3591.7
#2	3205.9	45320.	5401.0	88.525	3589.3
#3	3223.5	45345.	5381.7	90.000	3607.4

Sample Name: PB120473BL Acquired: 6/10/2019 14:49:45 Type: Unk
Method: P4-ICP2(v3188) 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	.00073	.00075	-.00080	.00101	-.00005	-.00388	.00124
Stddev	.00212	.00025	.00066	.00136	.00250	.01124	.00050
%RSD	291.16	33.884	82.816	134.99	5504.6	289.67	39.916

#1	-.00138	.00059	-.00043	-.00056	.00278	.00834	.00067
#2	.00071	.00061	-.00157	.00168	-.00198	-.00619	.00157
#3	.00286	.00104	-.00041	.00189	-.00094	-.01379	.00148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00004	-.00965	.00013	.00005	-.00165	-.00182
Stddev	.00002	.00008	.00703	.00014	.00022	.00015	.00049
%RSD	33.804	223.98	72.923	113.05	471.04	8.9555	27.042

#1	-.00004	-.00009	-.00182	-.00002	.00006	-.00161	-.00148
#2	-.00008	-.00007	-.01168	.00013	-.00018	-.00181	-.00238
#3	-.00008	.00006	-.01544	.00027	.00026	-.00152	-.00159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.02844	-.00003	-.00044	.08854	.00013	-.00016
Stddev	.00002	.01874	.00007	.00022	.00684	.00031	.00003
%RSD	15.918	65.886	237.62	49.233	7.7293	230.08	19.717

#1	-.00009	-.02284	-.00006	-.00021	.09547	.00007	-.00019
#2	-.00010	-.01314	-.00008	-.00064	.08179	.00046	-.00012
#3	-.00013	-.04934	.00005	-.00047	.08835	-.00014	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02853	-.00033	.00131	.00232	-.00158	-.00141	.00128
Stddev	.00659	.00014	.00475	.00176	.00054	.00045	.00036
%RSD	23.099	42.391	362.68	75.662	34.069	31.613	28.240

#1	-.02314	-.00033	.00401	.00260	-.00154	-.00192	.00170
#2	-.02657	-.00019	.00409	.00392	-.00107	-.00108	.00108
#3	-.03588	-.00048	-.00417	.00044	-.00214	-.00124	.00106

Sample Name: PB120473BL Acquired: 6/10/2019 14:49:45 Type: Unk
Method: P4-ICP2(v3188) 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	.00074	-.0018	-.00003	F 1.4441	F<.00000
Stddev	.00124	.0021	.00006	.1215	.66906
%RSD	168.09	118.9	206.01	8.4107	92.893

#1	.00189	-.0037	-.00008	1.4395	.04580
#2	-.00058	-.0022	-.00004	1.5678	-1.0166
#3	.00091	.0005	.00003	1.3250	-1.1900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3432.1	49238.	5467.4	91.078	4071.8
Stddev	1.2	23.	25.2	3.290	3.4
%RSD	.03483	.04573	.46167	3.6128	.08326

#1	3431.1	49223.	5438.5	87.375	4073.3
#2	3433.4	49264.	5478.5	93.667	4067.9
#3	3431.8	49227.	5485.2	92.192	4074.2

Sample Name: PB120473BS Acquired: 6/10/2019 14:54:14 Type: Unk
Method: P4-ICP2(v3188) 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	.73490	1.9858	.94163	1.9138	.75972	1.8734	.19743	.19169
Stddev	.00322	.0063	.00326	.0012	.00294	.0115	.00065	.00048
%RSD	.43882	.31984	.34647	.06201	.38690	.61237	.32811	.24865

#1	.73861	1.9788	.94020	1.9126	.75636	1.8613	.19671	.19137
#2	.73286	1.9877	.93932	1.9138	.76098	1.8746	.19796	.19147
#3	.73322	1.9911	.94536	1.9149	.76182	1.8842	.19763	.19224

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18825	F 1.5855	.40834	.19142	.29996	3.0040	.20205	1.9190
Stddev	.00026	.0145	.00194	.00051	.00108	.0048	.00023	.0411
%RSD	.13754	.91292	.47560	.26731	.35974	.15911	.11572	2.1432

#1	.18826	1.5731	.40870	.19118	.30086	3.0093	.20193	1.8879
#2	.18798	1.6014	.40624	.19108	.29876	3.0029	.20190	1.9034
#3	.18850	1.5821	.41007	.19201	.30026	2.9999	.20232	1.9656

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47916	.07084	2.9863	.29906	.18648	9.6411	.38708	.27296
Stddev	.00011	.00018	.0065	.00022	.00035	.0056	.00119	.00782
%RSD	.02216	.25198	.21641	.07491	.18587	.05778	.30701	2.8665

#1	.47910	.07084	2.9805	.29927	.18621	9.6467	.38845	.26896
#2	.47928	.07066	2.9851	.29883	.18635	9.6356	.38646	.28198
#3	.47909	.07102	2.9933	.29908	.18687	9.6409	.38634	.26796

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00459	.86656	.66815	.19747	.20478	5.723	.20339	F 2.1274
Stddev	.00384	.00659	.00357	.00217	.00294	.010	.00046	.1767
%RSD	83.684	.76104	.53445	1.0983	1.4369	.1794	.22752	8.3037

#1	.00367	.87057	.66704	.19500	.20176	5.712	.20295	1.9358
#2	.00881	.85895	.66527	.19837	.20494	5.728	.20335	2.2839
#3	.00130	.87017	.67214	.19905	.20764	5.731	.20387	2.1624

Sample Name: PB120473BS Acquired: 6/10/2019 14:54:14 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.5738
Stddev 1.0153
%RSD 15.445

#1 6.6075
#2 7.5719
#3 5.5421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.5	48516.	5379.0	91.567	3973.0
Stddev	6.0	58.	8.2	.470	3.9
%RSD	.17651	.12021	.15330	.51377	.09863

#1	3381.2	48499.	5378.2	91.425	3973.6
#2	3393.0	48581.	5387.5	92.092	3976.5
#3	3388.4	48468.	5371.1	91.183	3968.8

Sample Name: CCV02 Acquired: 6/10/2019 14:58:21 Type: Unk
Method: P4-ICP2(v3188) 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	4.9596	5.0570	4.8981	4.9778	4.9346	9.8494	10.154	.24995
Stddev	.0200	.0035	.0057	.0054	.0007	.0577	.035	.00031
%RSD	.40297	.06899	.11698	.10803	.01480	.58617	.34301	.12414
#1	4.9409	5.0555	4.8915	4.9717	4.9344	9.8497	10.193	.25028
#2	4.9572	5.0610	4.9018	4.9819	4.9354	9.7915	10.126	.24966
#3	4.9807	5.0546	4.9011	4.9797	4.9340	9.9069	10.143	.24990
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4656	25.251	1.0185	2.4535	1.2140	4.9594	2.5228	24.344
Stddev	.0054	.128	.0020	.0026	.0013	.0070	.0017	.125
%RSD	.21856	.50685	.19601	.10715	.10925	.14090	.06610	.51335
#1	2.4594	25.124	1.0191	2.4519	1.2128	4.9641	2.5209	24.410
#2	2.4690	25.248	1.0201	2.4565	1.2137	4.9628	2.5236	24.200
#3	2.4684	25.380	1.0162	2.4521	1.2154	4.9514	2.5238	24.422
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4492	1.2503	25.386	2.5055	2.4269	25.205	4.9271	4.8418
Stddev	.0038	.0029	.051	.0040	.0043	.106	.0116	.0242
%RSD	.15451	.23272	.19919	.16067	.17736	.41864	.23502	.50056
#1	2.4491	1.2490	25.443	2.5101	2.4272	25.317	4.9328	4.8652
#2	2.4531	1.2536	25.370	2.5028	2.4311	25.190	4.9138	4.8434
#3	2.4455	1.2482	25.345	2.5035	2.4225	25.108	4.9348	4.8168
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9622	4.9673	4.9395	4.9547	5.0041	5.221	5.0625	F 3.1239
Stddev	.0005	.0318	.0041	.0337	.0284	.016	.0149	.1232
%RSD	.00978	.64078	.08352	.68084	.56842	.3091	.29349	3.9441
#1	4.9627	4.9327	4.9427	4.9225	4.9762	5.214	5.0454	3.0332
#2	4.9619	4.9954	4.9348	4.9519	5.0030	5.239	5.0705	3.0742
#3	4.9619	4.9739	4.9409	4.9898	5.0331	5.210	5.0717	3.2641

Sample Name: CCV02 Acquired: 6/10/2019 14:58:21 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1251
 Stddev .8964
 %RSD 42.182

#1 3.1474
 #2 1.7550
 #3 1.4730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3283.8	46946.	5405.4	86.802	3655.9
Stddev	10.4	155.	17.6	.366	10.3
%RSD	.31526	.33002	.32562	.42158	.28286

#1	3272.2	46771.	5425.6	87.165	3645.7
#2	3287.4	47005.	5393.7	86.433	3655.7
#3	3292.0	47064.	5396.9	86.808	3666.4

Sample Name: CCB02 Acquired: 6/10/2019 15:02:20 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRILLING-MUD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00117	-.00039	.00215	-.00034	-.01175	.00114
Stddev	.00350	.00101	.00062	.00240	.00088	.00297	.00083
%RSD	757.98	86.339	159.73	111.79	257.06	25.293	72.930

#1	.00032	.00226	-.00092	.00054	-.00110	-.01277	.00104
#2	-.00297	.00099	-.00053	.00490	-.00055	-.00840	.00036
#3	.00403	.00026	.00029	.00099	.00063	-.01408	.00201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00001	.01076	.00037	.00017	-.00177	-.00180
Stddev	.00003	.00003	.01082	.00013	.00010	.00019	.00012
%RSD	46.194	246.47	100.60	34.678	62.340	10.698	6.5359

#1	-.00003	-.00001	.00775	.00051	.00023	-.00199	-.00170
#2	-.00007	.00004	.00175	.00025	.00005	-.00163	-.00193
#3	-.00009	.00001	.02276	.00036	.00022	-.00169	-.00176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00067	-.00000	-.00025	.01288	.00005	-.00012
Stddev	.00005	.01110	.00015	.00027	.00383	.00027	.00003
%RSD	376.58	1667.7	232270.	104.03	29.738	506.18	27.077

#1	-.00003	.00135	-.00018	-.00004	.00848	.00018	-.00013
#2	.00000	-.01263	.00006	-.00018	.01471	-.00025	-.00014
#3	.00007	.00928	.00011	-.00055	.01546	.00023	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04102	.00008	.00671	.00374	-.00040	-.00107	.00224
Stddev	.01603	.00030	.01203	.00162	.00007	.00019	.00143
%RSD	39.090	353.24	179.24	43.350	16.592	17.443	63.809

#1	-.02252	.00011	.01564	.00390	-.00045	-.00114	.00268
#2	-.04963	-.00023	-.00697	.00528	-.00033	-.00120	.00064
#3	-.05091	.00036	.01145	.00205	-.00041	-.00086	.00340

Sample Name: CCB02 Acquired: 6/10/2019 15:02:20 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRILLING-MUD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.0029	.00006	F 1.4202	F<.00000
Stddev	.00136	.0021	.00008	.1907	.28887
%RSD	252.37	73.97	136.21	13.429	16.050

#1	-.00003	-.0038	.00003	1.5434	-1.4970
#2	-.00045	-.0044	.00015	1.5166	-1.8302
#3	.00210	-.0004	.00000	1.2005	-2.0724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.9	49329.	5493.4	92.058	4077.9
Stddev	4.1	15.	12.7	2.066	5.5
%RSD	.12061	.03026	.23057	2.2447	.13498

#1	3423.7	49313.	5482.0	89.775	4074.0
#2	3421.6	49331.	5507.1	92.600	4075.5
#3	3429.6	49342.	5491.2	93.800	4084.2

Sample Name: PB120473TB Acquired: 6/10/2019 15:06:49 Type: Unk
Method: P4-ICP2(v3188) 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	-.00141	-.00492	-.00015	.00033	.00094	-.00400	.00072
Stddev	.00122	.00078	.00123	.00148	.00044	.01084	.00028
%RSD	86.122	15.862	803.63	442.88	47.083	271.17	39.073

#1	-.00241	-.00520	-.00113	-.00137	.00129	-.00061	.00054
#2	-.00176	-.00553	-.00056	.00105	.00110	-.01613	.00104
#3	-.00006	-.00404	.00123	.00133	.00044	.00475	.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00008	.00216	.00057	-.00030	-.00090	.00001
Stddev	.00012	.00008	.00950	.00012	.00005	.00038	.00025
%RSD	107.62	106.05	440.24	21.109	17.327	41.738	1837.0

#1	-.00021	-.00004	.00787	.00048	-.00029	-.00047	-.00020
#2	-.00013	-.00002	.00740	.00071	-.00036	-.00115	.00028
#3	.00002	-.00017	-.00880	.00053	-.00026	-.00109	-.00005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.02548	.00150	.00116	338.95	.00023	.00610
Stddev	.00006	.02105	.00026	.00065	2.61	.00037	.00009
%RSD	11171.	82.615	17.593	55.742	.77111	160.08	1.4524

#1	.00005	.00460	.00176	.00165	337.23	.00036	.00600
#2	.00003	.04670	.00123	.00140	341.96	.00052	.00618
#3	-.00007	.02514	.00152	.00043	337.66	-.00019	.00613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05723	-.00007	-.00749	.01104	.00640	.00092	-.00033
Stddev	.02750	.00032	.00489	.00740	.00034	.00029	.00195
%RSD	48.053	446.12	65.244	67.040	5.2471	31.310	596.54

#1	.02672	-.00020	-.01291	.01810	.00677	.00082	-.00019
#2	.06485	.00029	-.00613	.01169	.00632	.00069	-.00234
#3	.08011	-.00031	-.00343	.00334	.00611	.00124	.00155

Sample Name: PB120473TB Acquired: 6/10/2019 15:06:49 Type: Unk
Method: P4-ICP2(v3188) 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	.00337	-.0039	-.00007	2.9596	F<.00000
Stddev	.00171	.0020	.00004	.1026	1.7427
%RSD	50.908	50.47	63.579	3.4663	25.203

#1	.00211	-.0037	-.00008	2.9382	-5.0371
#2	.00267	-.0020	-.00010	3.0713	-8.4805
#3	.00532	-.0060	-.00002	2.8695	-7.2259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.8	45638.	5477.0	90.683	3615.7
Stddev	5.2	198.	26.6	2.724	8.9
%RSD	.16106	.43399	.48517	3.0034	.24508

#1	3223.5	45420.	5453.1	90.542	3606.3
#2	3233.6	45684.	5505.6	93.475	3623.9
#3	3226.4	45808.	5472.4	88.033	3616.8

Sample Name: PB120470BL Acquired: 6/10/2019 15:11:28 Type: Unk
Method: P4-ICP2(v3188) 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	-.00126	.00084	-.00175	.00084	.00026	-.00042	.00100	-.00007
Stddev	.00275	.00092	.00095	.00167	.00133	.00971	.00029	.00003
%RSD	217.93	110.29	54.077	199.23	510.40	2339.1	28.816	45.907

#1	.00172	.00182	-.00279	.00058	.00167	-.00941	.00118	-.00008
#2	-.00370	.00070	-.00153	-.00069	.00010	-.00172	.00067	-.00011
#3	-.00181	-.00001	-.00094	.00263	-.00099	.00988	.00115	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00918	.00010	.00008	-.00155	-.00174	-.00010	-.02282
Stddev	.00006	.01307	.00014	.00019	.00037	.00006	.00004	.04812
%RSD	259.18	142.33	131.35	224.43	23.806	3.3056	35.279	210.83

#1	-.00002	.00458	.00020	-.00010	-.00115	-.00179	-.00013	-.03960
#2	-.00009	-.02144	.00017	.00027	-.00188	-.00175	-.00012	-.06031
#3	.00004	-.01070	-.00005	.00008	-.00162	-.00168	-.00006	.03144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00071	.09891	-.00006	-.00015	-.02041	-.00062	.01281
Stddev	.00043	.00045	.00771	.00024	.00009	.01670	.00022	.00437
%RSD	107.15	63.388	7.7963	400.91	60.023	81.849	35.025	34.147

#1	.00022	-.00035	.10773	-.00024	-.00014	-.03173	-.00037	.00955
#2	.00089	-.00056	.09345	.00021	-.00025	-.00122	-.00069	.01778
#3	.00009	-.00121	.09554	-.00015	-.00007	-.02826	-.00079	.01110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00182	-.00121	.00243	.00267	-.0024	-.00008	.82718
Stddev	.00348	.00234	.00034	.00043	.00107	.0016	.00017	.10409
%RSD	5822.9	128.64	28.337	17.862	40.047	64.48	221.30	12.584

#1	.00325	-.00445	-.00081	.00201	.00190	-.0023	-.00026	.92537
#2	-.00368	.00004	-.00137	.00288	.00222	-.0010	-.00004	.83812
#3	.00025	-.00105	-.00144	.00241	.00389	-.0041	.00007	.71804

Sample Name: PB120470BL Acquired: 6/10/2019 15:11:28 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .05001
%RSD 6.0782

#1 -.83875
#2 -.76671
#3 -.86281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.4	49401.	5517.4	92.497	4091.0
Stddev	13.0	110.	25.2	1.046	12.1
%RSD	.37808	.22331	.45718	1.1306	.29497

#1	3432.3	49312.	5538.7	93.275	4077.9
#2	3454.4	49525.	5489.5	92.908	4101.7
#3	3431.5	49367.	5523.8	91.308	4093.3

Sample Name: PB120470BS Acquired: 6/10/2019 15:21:25 Type: Unk
Method: P4-ICP2(v3188) 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	.72904	1.9377	.91917	1.8988	.75624	1.8492	.19590
Stddev	.00222	.0020	.00100	.0069	.00286	.0201	.00092
%RSD	.30463	.10318	.10913	.36118	.37758	1.0863	.47210

#1	.73123	1.9371	.92018	1.8926	.75295	1.8371	.19640
#2	.72679	1.9399	.91918	1.9062	.75813	1.8724	.19647
#3	.72911	1.9360	.91817	1.8975	.75762	1.8381	.19483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18816	.18468	1.1173	.39799	.18753	.29683	2.9478
Stddev	.00032	.00028	.0028	.00106	.00054	.00089	.0056
%RSD	.17232	.15230	.24874	.26542	.28640	.30068	.18993

#1	.18814	.18436	1.1144	.39748	.18807	.29610	2.9542
#2	.18850	.18477	1.1176	.39728	.18699	.29657	2.9443
#3	.18785	.18490	1.1200	.39920	.18753	.29783	2.9447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19851	1.8532	.46995	.06904	2.9463	.29254	.18317
Stddev	.00042	.0284	.00057	.00060	.0166	.00095	.00014
%RSD	.21388	1.5299	.12156	.86831	.56352	.32509	.07371

#1	.19900	1.8600	.46930	.06837	2.9521	.29330	.18332
#2	.19831	1.8776	.47038	.06953	2.9593	.29147	.18305
#3	.19822	1.8221	.47017	.06922	2.9276	.29283	.18315

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5344	.38620	.26981	F -.00230	.84364	.65635	.19429
Stddev	.0661	.00061	.00997	.00235	.00692	.00334	.00121
%RSD	.69309	.15923	3.6946	102.40	.82078	.50816	.62528

#1	9.5386	.38574	.28112	-.00489	.83639	.65339	.19506
#2	9.5984	.38690	.26599	-.00029	.85019	.65996	.19493
#3	9.4664	.38596	.26232	-.00172	.84435	.65569	.19289

Sample Name: PB120470BS Acquired: 6/10/2019 15:21:25 Type: Unk
Method: P4-ICP2(v3188) 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	.19942	F 5.599	F .19860	1.8577	6.5766
Stddev	.00060	.009	.00053	.0408	.3229
%RSD	.30026	.1669	.26743	2.1972	4.9099
#1	.20000	5.607	.19802	1.8566	6.4508
#2	.19945	5.589	.19905	1.8174	6.3356
#3	.19880	5.601	.19874	1.8990	6.9435
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.9	48719.	5468.6	93.714	4001.4
Stddev	3.3	162.	29.2	.774	8.8
%RSD	.09686	.33218	.53395	.82590	.22039
#1	3385.8	48564.	5487.0	94.525	3992.3
#2	3384.3	48887.	5483.9	92.983	4002.0
#3	3390.6	48707.	5434.9	93.633	4009.9

Sample Name: PB120483BL Acquired: 6/10/2019 15:25:33 Type: Unk
Method: P4-ICP2(v3188) 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	.00057	.00104	-.00075	.00039	-.00004	-.00555	.00062	-.00009
Stddev	.00043	.00038	.00008	.00271	.00145	.00418	.00020	.00004
%RSD	76.029	36.711	10.521	701.54	3933.0	75.359	32.350	41.617
#1	.00099	.00131	-.00083	.00328	.00126	-.00475	.00081	-.00005
#2	.00013	.00060	-.00076	-.00209	.00024	-.01007	.00041	-.00010
#3	.00059	.00120	-.00067	-.00003	-.00161	-.00182	.00064	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00550	.00014	.00011	-.00166	-.00175	-.00010	.01580
Stddev	.00006	.00447	.00029	.00007	.00017	.00013	.00006	.01047
%RSD	121.17	81.321	207.20	68.241	10.283	7.6326	66.447	66.301
#1	.00002	-.00665	.00002	.00003	-.00156	-.00166	-.00011	.01845
#2	.00013	-.00929	.00047	.00018	-.00186	-.00170	-.00003	.00425
#3	.00001	-.00056	-.00007	.00010	-.00156	-.00191	-.00015	.02468
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00044	.01183	.00038	-.00026	-.04638	-.00052	-.01770
Stddev	.00027	.00008	.00506	.00018	.00003	.01930	.00022	.01060
%RSD	448.69	17.152	42.803	46.030	11.204	41.607	42.432	59.926
#1	-.00024	-.00052	.00683	.00053	-.00028	-.05023	-.00046	-.00949
#2	.00029	-.00037	.01696	.00044	-.00023	-.06345	-.00076	-.01393
#3	.00013	-.00043	.01170	.00019	-.00027	-.02544	-.00033	-.02967
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00298	-.00159	-.00006	-.00008	-.0030	-.00006	F 1.0595
Stddev	.00075	.00251	.00064	.00161	.00170	.0023	.00010	.1080
%RSD	122.11	84.260	40.541	2910.2	2226.6	75.69	161.72	10.195
#1	-.00010	-.00029	-.00165	-.00027	.00095	-.0004	-.00006	1.0491
#2	.00140	-.00525	-.00092	.00165	-.00203	-.0045	-.00017	1.1723
#3	.00054	-.00340	-.00220	-.00154	.00086	-.0040	.00004	.95705

Sample Name: PB120483BL Acquired: 6/10/2019 15:25:33 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .64428
Stddev .46814
%RSD 72.660

#1 1.0125
#2 .80296
#3 .11743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.0	49148.	5497.5	92.222	4070.1
Stddev	19.5	186.	41.5	.659	8.4
%RSD	.57054	.37830	.75427	.71433	.20758

#1	3393.7	48936.	5453.7	91.667	4062.0
#2	3431.9	49227.	5502.7	92.050	4078.9
#3	3419.4	49282.	5536.2	92.950	4069.6

Sample Name: PB120483BS Acquired: 6/10/2019 15:30:00 Type: Unk
Method: P4-ICP2(v3188) 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	.72284	1.9308	.91278	1.8808	.74862	1.8186	.19342
Stddev	.00193	.0074	.00263	.0068	.00354	.0111	.00086
%RSD	.26753	.38264	.28808	.36324	.47345	.60867	.44649

#1	.72149	1.9236	.90975	1.8863	.75149	1.8088	.19243
#2	.72505	1.9384	.91413	1.8829	.74972	1.8163	.19396
#3	.72197	1.9303	.91445	1.8732	.74466	1.8306	.19388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18672	.18305	1.1240	.39622	.18552	.29550	2.9256
Stddev	.00035	.00034	.0143	.00077	.00048	.00086	.0029
%RSD	.18529	.18765	1.2674	.19377	.25639	.29037	.10038

#1	.18700	.18270	1.1188	.39656	.18518	.29635	2.9224
#2	.18633	.18339	1.1132	.39676	.18606	.29551	2.9281
#3	.18682	.18306	1.1402	.39534	.18532	.29464	2.9264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19744	1.8530	.46675	.06950	2.8889	.29083	.18351
Stddev	.00034	.0279	.00041	.00097	.0122	.00167	.00015
%RSD	.17381	1.5069	.08876	1.3944	.42347	.57384	.08300

#1	.19750	1.8340	.46658	.06843	2.8881	.29066	.18339
#2	.19707	1.8399	.46723	.06974	2.9015	.28925	.18346
#3	.19775	1.8850	.46646	.07032	2.8770	.29257	.18368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4035	.38257	.26432	F -.00386	.84600	.65473	.19510
Stddev	.0146	.00078	.01339	.00169	.00954	.00173	.00022
%RSD	.15567	.20341	5.0660	43.899	1.1281	.26394	.11115

#1	9.4157	.38304	.25866	-.00557	.83576	.65517	.19533
#2	9.3873	.38300	.27962	-.00218	.84760	.65620	.19505
#3	9.4077	.38167	.25469	-.00382	.85465	.65283	.19490

Sample Name: PB120483BS Acquired: 6/10/2019 15:30:00 Type: Unk
Method: P4-ICP2(v3188) 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	.19767	F 5.574	F .19694	1.4425	6.7253
Stddev	.00065	.023	.00058	.0119	.5621
%RSD	.32876	.4158	.29213	.82752	8.3581
#1	.19707	5.587	.19671	1.4367	6.4216
#2	.19757	5.586	.19652	1.4563	7.3739
#3	.19836	5.547	.19760	1.4346	6.3804
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.8	48868.	5461.4	93.736	4017.9
Stddev	1.8	99.	13.6	.722	10.4
%RSD	.05212	.20292	.24827	.77075	.25931
#1	3402.6	48758.	5455.7	92.967	4028.9
#2	3401.2	48951.	5476.8	94.400	4008.2
#3	3404.7	48894.	5451.5	93.842	4016.5

Sample Name: LR CHECK 1 Acquired: 6/10/2019 15:49:35 Type: Unk
Method: P4-ICP2(v3188) 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	-.06220	-.16800	.20535	-.92145	.06719	F 2317.0	.01560	.11503
Stddev	.00126	.00789	.00035	.01151	.00279	11.5	.00044	.00041
%RSD	2.0290	4.6987	.17279	1.2488	4.1458	.49425	2.8270	.35969
#1	-.06078	-.17660	.20518	-.91228	.06771	2329.6	.01538	.11483
#2	-.06319	-.16109	.20512	-.91770	.06418	2314.1	.01531	.11550
#3	-.06264	-.16632	.20576	-.93436	.06968	2307.3	.01611	.11475
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19852	1636.2	-.01373	.10494	1.7149	F 632.19	-.00261	1625.1
Stddev	.00218	4.4	.00106	.00137	.0107	2.59	.00021	2.1
%RSD	1.1000	.26615	7.7214	1.3054	.62303	.40898	8.2072	.13040
#1	.19968	1631.2	-.01271	.10650	1.7041	632.41	-.00266	1626.9
#2	.19600	1638.4	-.01363	.10438	1.7150	634.66	-.00280	1625.6
#3	.19989	1639.1	-.01483	.10395	1.7255	629.50	-.00238	1622.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10126	-.34257	1930.9	.03436	.34517	984.83	-.03380	-2.1625
Stddev	.00098	.00091	11.8	.00058	.00227	3.38	.00073	.0093
%RSD	.96572	.26590	.61162	1.6812	.65792	.34289	2.1481	.43092
#1	-.10086	-.34190	1942.4	.03427	.34778	985.80	-.03449	-2.1532
#2	-.10237	-.34361	1918.8	.03383	.34395	981.08	-.03387	-2.1625
#3	-.10054	-.34221	1931.5	.03498	.34376	987.62	-.03304	-2.1718
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46284	.01416	.09679	-.05523	.13194	.2805	-.68257	<.00000
Stddev	.01637	.00146	.00390	.00058	.00183	.0060	.00297	.15738
%RSD	3.5364	10.280	4.0332	1.0579	1.3858	2.148	.43493	8.4255
#1	.44874	.01288	.09262	-.05574	.13394	.2873	-.68276	-1.8649
#2	.45901	.01386	.10036	-.05459	.13036	.2758	-.68544	-2.0268
#3	.48079	.01574	.09738	-.05537	.13151	.2784	-.67951	-1.7121

Sample Name: LR CHECK 1 Acquired: 6/10/2019 15:49:35 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1912.1
Stddev	13.0
%RSD	.67927

#1	1915.8
#2	1897.7
#3	1922.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.8	32604.	4698.6	68.475	2005.5
Stddev	6.4	6.	15.0	2.571	2.9
%RSD	.28201	.01855	.31975	3.7545	.14710

#1	2266.5	32598.	4699.0	70.531	2003.3
#2	2259.1	32604.	4713.4	69.300	2008.8
#3	2253.8	32610.	4683.4	65.592	2004.3

Sample Name: LR CHECK 2 Acquired: 6/10/2019 15:54:35 Type: Unk
Method: P4-ICP2(v3188) 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	.00735	-.01621	242.22	.04480	-.06574	-.24705	99.110	-.00093
Stddev	.00340	.00141	.93	.00498	.00175	.00621	.323	.00004
%RSD	46.230	8.7155	.38598	11.118	2.6693	2.5154	.32572	4.6637
#1	.00813	-.01588	243.16	.04329	-.06776	-.24549	98.741	-.00094
#2	.01028	-.01776	242.21	.05037	-.06491	-.25389	99.244	-.00088
#3	.00363	-.01499	241.29	.04075	-.06456	-.24176	99.343	-.00096
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01099	.11807	-.12336	-.01623	F 312.77	-.80482	42.181	-.07819
Stddev	.00009	.00579	.00083	.00006	2.23	.00366	.108	.03073
%RSD	.80706	4.9015	.67337	.34980	.71339	.45414	.25718	39.304
#1	-.01104	.11144	-.12431	-.01618	315.18	-.80845	42.122	-.05146
#2	-.01105	.12072	-.12281	-.01621	312.35	-.80488	42.114	-.07134
#3	-.01089	.12206	-.12295	-.01629	310.77	-.80114	42.306	-.11177
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.321	.00092	1.0671	-.31530	32.058	.36996	-.01268	-.00613
Stddev	.162	.00057	.1485	.00226	.114	.10404	.00020	.01347
%RSD	.32289	61.658	13.913	.71723	.35714	28.121	1.5675	219.81
#1	50.506	.00097	1.2210	-.31729	32.188	.47930	-.01251	.00455
#2	50.255	.00033	1.0557	-.31576	32.017	.35841	-.01289	-.02126
#3	50.203	.00146	.92470	-.31284	31.971	.27219	-.01263	-.00167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11945	.02083	.00133	.02393	.00485	-.0021	.00334	2.5359
Stddev	.00938	.00228	.00052	.00066	.00100	.0031	.00010	.2027
%RSD	7.8513	10.963	39.148	2.7593	20.713	143.6	3.0071	7.9921
#1	.12926	.01824	.00192	.02382	.00390	-.0013	.00323	2.3725
#2	.11057	.02256	.00114	.02464	.00590	.0004	.00342	2.4726
#3	.11852	.02168	.00093	.02333	.00474	-.0056	.00338	2.7627

Sample Name: LR CHECK 2 Acquired: 6/10/2019 15:54:35 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.14540
Stddev	.81709
%RSD	561.96

#1	.45133
#2	.76539
#3	-.78051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.3	49665.	5626.8	90.219	3740.4
Stddev	9.9	38.	36.6	.765	8.8
%RSD	.39256	.07575	.65084	.84829	.23419

#1	2507.3	49628.	5662.7	89.600	3731.6
#2	2521.2	49703.	5628.2	91.075	3740.5
#3	2526.5	49664.	5589.5	89.983	3749.2

Sample Name: K3236-01 Acquired: 6/10/2019 16:16:58 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48970 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	-.00159	.02457	.00159	-.00155	.64677	.17027
Stddev	.00399	.00100	.00242	.00241	.00036	.01554	.00122
%RSD	402.57	63.026	9.8681	151.92	23.454	2.4020	.71922

#1	-.00054	-.00124	.02639	-.00083	-.00196	.63502	.16917
#2	.00275	-.00080	.02550	.00159	-.00126	.64091	.17007
#3	-.00518	-.00271	.02182	.00400	-.00144	.66438	.17159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00007	155.53	.00294	.00083	.00935	.65999
Stddev	.00005	.00005	.58	.00059	.00001	.00017	.00174
%RSD	171.00	62.178	.37071	20.145	1.6336	1.8440	.26357

#1	-.00001	-.00012	154.96	.00363	.00084	.00925	.66024
#2	.00002	-.00003	156.11	.00256	.00082	.00924	.66159
#3	.00009	-.00008	155.52	.00264	.00082	.00955	.65813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2322	57.835	.00149	-.00207	209.06	.00782	.01745
Stddev	.0039	.488	.00059	.00037	.46	.00038	.00005
%RSD	.31684	.84376	39.627	18.080	.21994	4.9075	.27693

#1	1.2293	57.386	.00209	-.00166	208.54	.00804	.01746
#2	1.2366	57.764	.00091	-.00239	209.40	.00805	.01740
#3	1.2306	58.354	.00148	-.00214	209.25	.00738	.01749

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.167	.03514	.33627	F 62.854	F 18.208	-.01537	.02548
Stddev	.016	.00038	.00634	.107	.064	.00121	.00115
%RSD	.06028	1.0927	1.8865	.17068	.35290	7.8987	4.5154

#1	26.152	.03537	.33171	62.732	18.237	-.01597	.02523
#2	26.184	.03470	.33358	62.933	18.253	-.01617	.02673
#3	26.165	.03536	.34351	62.898	18.135	-.01398	.02447

Sample Name: K3236-01 Acquired: 6/10/2019 16:16:58 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48970 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03836	.0417	.69975	4.1688	F<.00000
Stddev	.00085	.0030	.00393	.1540	.57617
%RSD	2.2070	7.192	.56134	3.6931	19.848

#1	.03842	.0385	.69804	4.0309	-2.5302
#2	.03748	.0423	.70424	4.3349	-3.5665
#3	.03917	.0444	.69696	4.1406	-2.6119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.5	45245.	5426.9	88.447	3501.2
Stddev	5.5	134.	28.2	.470	5.7
%RSD	.17678	.29706	.51877	.53104	.16297

#1	3105.1	45090.	5408.1	88.986	3496.3
#2	3105.5	45311.	5413.3	88.227	3499.7
#3	3114.9	45334.	5459.2	88.128	3507.5

Sample Name: K3236-01DUP Acquired: 6/10/2019 16:21:19 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48970DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00200	.02004	.00499	-.00175	.66237	.16913
Stddev	.00368	.00031	.00063	.00465	.00249	.03323	.00022
%RSD	162.13	15.718	3.1616	93.183	142.37	5.0162	.13199

#1	.00632	-.00177	.02030	.01027	.00103	.70014	.16918
#2	.00139	-.00236	.02050	.00153	-.00375	.64931	.16932
#3	-.00089	-.00187	.01932	.00316	-.00252	.63766	.16889

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00001	155.80	.00300	.00113	.00846	.66164
Stddev	.00005	.00004	1.17	.00025	.00013	.00007	.00152
%RSD	533.10	381.45	.74832	8.4903	11.177	.88299	.22989

#1	-.00002	.00003	154.46	.00322	.00123	.00853	.66173
#2	-.00006	-.00001	156.45	.00305	.00118	.00838	.66007
#3	.00004	-.00005	156.50	.00272	.00099	.00848	.66311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2334	57.706	.00182	-.00236	208.85	.00791	.01610
Stddev	.0013	.301	.00031	.00035	.32	.00005	.00007
%RSD	.10114	.52109	16.963	14.676	.15159	.66579	.43578

#1	1.2320	57.735	.00216	-.00201	209.06	.00795	.01604
#2	1.2344	57.393	.00156	-.00271	209.02	.00785	.01618
#3	1.2337	57.992	.00175	-.00237	208.49	.00792	.01607

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.184	.03471	.31990	F 62.631	F 18.264	-.01507	.02527
Stddev	.044	.00029	.01437	.253	.146	.00072	.00334
%RSD	.16947	.82925	4.4933	.40386	.80063	4.7653	13.217

#1	26.143	.03480	.32907	62.759	18.098	-.01428	.02618
#2	26.178	.03495	.32731	62.795	18.324	-.01523	.02806
#3	26.231	.03439	.30334	62.340	18.372	-.01569	.02157

Sample Name: K3236-01DUP Acquired: 6/10/2019 16:21:19 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48970DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03780	.0434	.70034	3.9359	F<.00000
Stddev	.00037	.0013	.00312	.2143	.72978
%RSD	.97486	3.022	.44492	5.4450	20.027

#1	.03763	.0442	.69687	3.8610	-4.4428
#2	.03822	.0419	.70127	4.1777	-3.0123
#3	.03755	.0441	.70289	3.7691	-3.4768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.1	45430.	5440.7	87.574	3524.3
Stddev	16.3	76.	25.1	.630	15.7
%RSD	.52060	.16791	.46211	.71959	.44622

#1	3123.0	45343.	5468.8	88.263	3514.5
#2	3128.7	45484.	5432.9	87.433	3516.1
#3	3153.7	45464.	5420.3	87.027	3542.5

Sample Name: K3236-01LX5 Acquired: 6/10/2019 16:55:22 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CULVER-CBTC- 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	.00251	.00602	.00179	-.00071	.11944	.03590	.00023
Stddev	.00213	.00082	.00073	.00346	.00045	.00470	.00022	.00008
%RSD	59.770	32.668	12.096	193.92	63.239	3.9337	.60568	34.079
#1	.00589	.00329	.00647	-.00075	-.00116	.12191	.03568	.00028
#2	.00169	.00165	.00641	.00573	-.00071	.12238	.03591	.00014
#3	.00313	.00260	.00518	.00037	-.00026	.11402	.03611	.00028
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	33.487	.00124	.00054	.00193	.14061	.26115	11.793
Stddev	.00005	.127	.00022	.00021	.00022	.00040	.00024	.083
%RSD	23.686	.37858	17.809	39.477	11.327	.28095	.09212	.70573
#1	.00017	33.382	.00107	.00069	.00213	.14088	.26103	11.724
#2	.00025	33.628	.00115	.00064	.00197	.14079	.26143	11.770
#3	.00027	33.452	.00149	.00030	.00169	.14015	.26099	11.885
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00097	42.236	.00200	.00448	5.2797	.00746	.05883
Stddev	.00041	.00017	.194	.00008	.00016	.0486	.00010	.01071
%RSD	130.90	17.712	.45917	4.0603	3.6802	.92076	1.3704	18.199
#1	.00068	-.00086	42.095	.00208	.00467	5.2263	.00754	.05507
#2	.00038	-.00116	42.156	.00192	.00443	5.2913	.00749	.07091
#3	-.00013	-.00087	42.457	.00200	.00435	5.3214	.00735	.05051
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.878	3.9860	-.00261	.00583	.01177	.0173	.15046	2.8728
Stddev	.036	.0062	.00021	.00136	.00096	.0012	.00040	.2396
%RSD	.28137	.15448	8.1013	23.363	8.1459	6.903	.26620	8.3392
#1	12.884	3.9846	-.00266	.00456	.01066	.0159	.15006	2.9619
#2	12.839	3.9807	-.00280	.00727	.01231	.0181	.15086	3.0550
#3	12.911	3.9927	-.00238	.00566	.01234	.0178	.15047	2.6014

Sample Name: K3236-01LX5 Acquired: 6/10/2019 16:55:22 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.66704
%RSD	158.44

#1	-.64648
#2	-.94610
#3	.32955

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.8	47416.	5458.0	92.739	3782.6
Stddev	3.2	82.	19.0	1.646	5.6
%RSD	.09692	.17276	.34867	1.7753	.14840

#1	3249.5	47372.	5445.1	92.107	3776.5
#2	3255.7	47511.	5449.0	91.502	3783.5
#3	3253.3	47366.	5479.8	94.608	3787.6

Sample Name: CCV03 Acquired: 6/10/2019 16:59:46 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9012	4.9712	4.8314	4.9649	4.9197	9.6782	10.107	.24369
Stddev	.0050	.0144	.0110	.0129	.0050	.0636	.029	.00026
%RSD	.10254	.29030	.22665	.25931	.10240	.65762	.28743	.10768
#1	4.9023	4.9548	4.8199	4.9502	4.9164	9.6175	10.076	.24397
#2	4.9057	4.9820	4.8327	4.9742	4.9255	9.7444	10.134	.24367
#3	4.8958	4.9769	4.8417	4.9704	4.9172	9.6728	10.112	.24344
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4200	24.552	.98913	2.4264	1.2163	4.8699	2.4780	23.773
Stddev	.0065	.175	.00173	.0068	.0030	.0072	.0029	.228
%RSD	.26702	.71249	.17515	.28029	.24804	.14714	.11517	.95923
#1	2.4126	24.422	.99099	2.4188	1.2168	4.8710	2.4796	23.514
#2	2.4227	24.482	.98756	2.4286	1.2190	4.8623	2.4747	23.942
#3	2.4247	24.751	.98885	2.4318	1.2130	4.8765	2.4797	23.864
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4239	1.2300	25.063	2.4669	2.4112	25.037	4.9149	4.7356
Stddev	.0072	.0026	.033	.0030	.0050	.083	.0051	.0466
%RSD	.29566	.21108	.13137	.12071	.20605	.33267	.10328	.98293
#1	2.4158	1.2319	25.041	2.4653	2.4055	24.945	4.9136	4.6822
#2	2.4294	1.2311	25.101	2.4652	2.4134	25.057	4.9205	4.7676
#3	2.4265	1.2271	25.048	2.4704	2.4148	25.108	4.9107	4.7569
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8944	5.0855	4.8706	4.8647	4.8774	5.165	4.9606	F 3.2903
Stddev	.0200	.0344	.0032	.0207	.0165	.015	.0204	.0612
%RSD	.40944	.67675	.06549	.42558	.33789	.2964	.41121	1.8608
#1	4.8739	5.1206	4.8742	4.8441	4.8901	5.147	4.9774	3.2812
#2	4.9140	5.0519	4.8693	4.8645	4.8588	5.174	4.9379	3.2341
#3	4.8953	5.0841	4.8682	4.8855	4.8834	5.173	4.9665	3.3556

Sample Name: CCV03 Acquired: 6/10/2019 16:59:46 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15084 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7125
Stddev	1.4522
%RSD	53.538

#1	2.2987
#2	4.3267
#3	1.5121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.0	47860.	5562.1	91.116	3678.6
Stddev	8.2	171.	32.6	.286	12.0
%RSD	.24931	.35693	.58594	.31437	.32633

#1	3284.8	47726.	5529.4	90.814	3692.3
#2	3272.8	47802.	5594.6	91.383	3669.8
#3	3288.5	48053.	5562.3	91.151	3673.7

Sample Name: CCB03 Acquired: 6/10/2019 17:03:45 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.00110	.00167	.00165	-.00113	-.01575	.00105	-.00010
Stddev	.00162	.00049	.00026	.00326	.00117	.01514	.00017	.00006
%RSD	146.87	44.240	15.595	198.27	103.56	96.127	15.654	56.020

#1	.00066	.00061	.00156	-.00075	-.00084	-.00679	.00087	-.00014
#2	-.00145	.00111	.00148	.00032	-.00013	-.03324	.00117	-.00012
#3	-.00253	.00158	.00196	.00536	-.00241	-.00724	.00113	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00210	-.00009	.00016	-.00130	-.00063	.00006	.01996
Stddev	.00002	.01164	.00036	.00024	.00046	.00046	.00004	.02793
%RSD	92.490	553.62	381.87	146.06	35.415	73.249	57.479	139.96

#1	.00001	.01414	.00007	-.00010	-.00182	-.00014	.00003	-.01225
#2	.00004	-.00910	.00015	.00023	-.00094	-.00106	.00010	.03451
#3	.00001	.00128	-.00050	.00035	-.00113	-.00070	.00005	.03761

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00062	.05547	.00025	-.00007	-.01687	.00019	.00619
Stddev	.00027	.00050	.00771	.00048	.00008	.02105	.00035	.01228
%RSD	58.539	80.598	13.901	190.49	126.80	124.80	183.07	198.59

#1	.00018	-.00102	.06399	-.00009	.00001	-.03642	-.00015	-.00577
#2	.00048	-.00077	.04897	.00081	-.00005	.00542	.00055	.00556
#3	.00071	-.00006	.05345	.00005	-.00016	-.01961	.00018	.01877

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	.00594	-.00017	.00126	.00191	-.0026	-.00002	F 1.0013
Stddev	.00362	.00088	.00049	.00131	.00067	.0012	.00006	.0740
%RSD	143.46	14.787	293.31	103.42	34.905	46.70	310.27	7.3935

#1	.00186	.00496	-.00048	.00216	.00245	-.0026	-.00008	1.0009
#2	.00642	.00667	-.00043	.00188	.00116	-.0013	-.00002	.92743
#3	-.00072	.00617	.00040	-.00024	.00211	-.0037	.00004	1.0755

Sample Name: CCB03 Acquired: 6/10/2019 17:03:45 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15084 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .40677
Stddev	.91290
%RSD	224.43

#1	.18024
#2	1.4116
#3	-.37154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.5	49898.	5577.5	92.769	4109.2
Stddev	22.5	183.	29.9	1.471	8.4
%RSD	.65471	.36644	.53648	1.5861	.20485

#1	3411.9	49718.	5592.8	92.817	4102.2
#2	3426.7	49891.	5543.1	91.275	4106.7
#3	3456.0	50084.	5596.8	94.217	4118.5

Sample Name: K3236-01A Acquired: 6/10/2019 17:08:15 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48970MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84209	2.0198	1.0093	2.1229	.85208	2.6901	.40225	.21168
Stddev	.00359	.0028	.0007	.0038	.00298	.0302	.00214	.00014
%RSD	.42674	.14050	.07207	.18099	.34963	1.1241	.53144	.06651
#1	.83982	2.0184	1.0088	2.1185	.85421	2.6560	.40057	.21156
#2	.84021	2.0180	1.0089	2.1255	.84868	2.7137	.40465	.21183
#3	.84623	2.0231	1.0101	2.1247	.85336	2.7006	.40152	.21165
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20366	163.29	.43807	.20953	.31689	3.8785	1.4707	61.430
Stddev	.00020	.58	.00247	.00027	.00086	.0101	.0014	.765
%RSD	.10041	.35725	.56374	.12701	.27011	.26150	.09481	1.2461
#1	.20384	162.87	.43523	.20981	.31712	3.8814	1.4692	60.566
#2	.20344	163.05	.43933	.20928	.31761	3.8869	1.4719	62.023
#3	.20370	163.95	.43966	.20949	.31594	3.8672	1.4711	61.702
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51363	.07481	219.66	.34093	.22883	38.264	.47016	.66221
Stddev	.00103	.00047	1.40	.00117	.00020	.275	.00134	.01964
%RSD	.19976	.62469	.63577	.34399	.08955	.71773	.28411	2.9656
#1	.51279	.07445	218.10	.34086	.22898	38.029	.47171	.67706
#2	.51333	.07465	220.79	.34214	.22860	38.566	.46938	.66963
#3	.51477	.07534	220.10	.33980	.22892	38.198	.46941	.63995
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 64.737	F 19.273	.73042	.22930	.26243	6.955	.94595	3.9807
Stddev	.106	.134	.00184	.00125	.00227	.014	.00385	.0834
%RSD	.16363	.69285	.25178	.54403	.86385	.1993	.40740	2.0964
#1	64.649	19.395	.73234	.22880	.26149	6.941	.94629	3.8939
#2	64.708	19.130	.73022	.22837	.26078	6.955	.94194	4.0603
#3	64.855	19.293	.72868	.23071	.26502	6.969	.94962	3.9879

Sample Name: K3236-01A Acquired: 6/10/2019 17:08:15 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: N48970MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7729
Stddev	.2011
%RSD	7.2534

#1	2.7159
#2	2.9964
#3	2.6065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.7	45483.	5410.1	88.866	3491.3
Stddev	9.2	200.	35.5	.731	11.2
%RSD	.29396	.43966	.65679	.82206	.32174

#1	3123.1	45398.	5369.5	88.024	3478.3
#2	3138.4	45340.	5435.3	89.249	3497.1
#3	3139.6	45712.	5425.6	89.326	3498.3

Sample Name: K3193-04 Acquired: 6/10/2019 17:12:19 Type: Unk
Method: P4-ICP2(v3188) 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	.01221	-.00445	.04115	-.00396	.00585	-.25662	2.2090	.00057
Stddev	.00404	.00079	.00280	.00656	.00411	.01147	.0028	.00004
%RSD	33.055	17.688	6.8114	165.71	70.171	4.4711	.12621	6.8502
#1	.01585	-.00533	.04295	.00281	.00226	-.25601	2.2062	.00058
#2	.00787	-.00382	.03792	-.01028	.01033	-.26838	2.2118	.00061
#3	.01291	-.00419	.04258	-.00441	.00497	-.24546	2.2091	.00053
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	484.23	-.00851	.00127	.03122	22.932	4.3780	1527.8
Stddev	.00032	2.33	.00081	.00045	.00016	.115	.0215	6.9
%RSD	282.19	.48189	9.5570	35.362	.51844	.50230	.49019	.44939
#1	.00023	482.42	-.00882	.00174	.03123	23.059	4.4023	1519.9
#2	-.00015	483.40	-.00912	.00085	.03105	22.900	4.3616	1530.9
#3	-.00042	486.86	-.00759	.00122	.03138	22.836	4.3702	1532.6
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01989	-.00674	^ *****	-.01193	.04317	709.91	.12095	7.5274
Stddev	.00059	.00121	-----	.00036	.00009	6.24	.00128	.0915
%RSD	2.9522	17.937	-----	2.9944	.21055	.87937	1.0550	1.2152
#1	-.01984	-.00767	6303.1	-.01160	.04322	716.33	.12203	7.4594
#2	-.02050	-.00537	^ -----	-.01231	.04306	709.53	.11954	7.6314
#3	-.01933	-.00717	5540.4	-.01189	.04322	703.87	.12129	7.4915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.397	F 26.990	-.01355	-.01714	.52665	.2612	9.0218	10.539
Stddev	.206	.053	.00161	.00109	.01576	.0052	.1055	.127
%RSD	.38552	.19656	11.868	6.3320	2.9929	1.994	1.1692	1.2078
#1	53.553	27.017	-.01173	-.01591	.54014	.2619	9.0124	10.664
#2	53.164	26.929	-.01416	-.01797	.53049	.2557	8.9213	10.543
#3	53.475	27.024	-.01477	-.01755	.50932	.2661	9.1316	10.410

Sample Name: K3193-04 Acquired: 6/10/2019 17:12:19 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.293
Stddev	.143
%RSD	1.2655

#1	11.159
#2	11.443
#3	11.277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.4	29949.	4577.5	71.266	2079.1
Stddev	13.2	96.	22.7	.823	10.9
%RSD	.61491	.32142	.49542	1.1555	.52298

#1	2125.0	29838.	4555.8	70.624	2071.2
#2	2150.7	30000.	4601.0	72.194	2091.5
#3	2142.5	30009.	4575.5	70.979	2074.5

Sample Name: K3193-04DUP Acquired: 6/10/2019 17:17:03 Type: Unk
Method: P4-ICP2(v3188) 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	.00949	-.00411	.03954	-.00777	.00662	-.24570	2.1761	.00073
Stddev	.00472	.00124	.00116	.00146	.00121	.03098	.0366	.00008
%RSD	49.682	30.271	2.9339	18.850	18.258	12.610	1.6810	10.956
#1	.01350	-.00403	.03967	-.00836	.00536	-.27883	2.1428	.00066
#2	.00430	-.00290	.04063	-.00610	.00777	-.21745	2.1703	.00081
#3	.01068	-.00539	.03832	-.00885	.00673	-.24082	2.2153	.00070
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	467.68	-.00943	.00119	.03009	22.229	4.2471	1478.0
Stddev	.00007	2.46	.00032	.00034	.00086	.170	.0307	14.7
%RSD	39.102	.52536	3.4236	28.631	2.8517	.76687	.72301	.99450
#1	-.00016	469.98	-.00908	.00099	.02995	22.249	4.2471	1461.2
#2	-.00027	465.09	-.00949	.00100	.02930	22.389	4.2779	1488.5
#3	-.00014	467.99	-.00972	.00159	.03100	22.050	4.2164	1484.2
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01867	-.00693	^ *****	-.01247	.03959	691.99	.11721	7.2222
Stddev	.00063	.00090	-----	.00040	.00048	5.73	.00092	.0941
%RSD	3.3645	12.945	-----	3.1990	1.2178	.82847	.78733	1.3027
#1	-.01926	-.00794	^ -----	-.01201	.03981	696.53	.11793	7.1138
#2	-.01874	-.00622	5184.2	-.01271	.03903	685.55	.11617	7.2822
#3	-.01801	-.00663	4758.2	-.01270	.03992	693.90	.11752	7.2707
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.867	F 26.412	-.01285	-.01606	.43459	.2534	8.7023	9.9443
Stddev	.648	.397	.00063	.00114	.00281	.0061	.0388	.0729
%RSD	1.2500	1.5024	4.8662	7.1008	.64737	2.411	.44528	.73288
#1	52.355	26.860	-.01350	-.01738	.43585	.2549	8.7463	9.8668
#2	51.131	26.271	-.01279	-.01550	.43136	.2467	8.6875	10.011
#3	52.114	26.105	-.01225	-.01532	.43654	.2586	8.6732	9.9547

Sample Name: K3193-04DUP Acquired: 6/10/2019 17:17:03 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.237
Stddev	.751
%RSD	6.1336

#1	11.578
#2	13.054
#3	12.078

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.5	30331.	4684.5	71.287	2137.6
Stddev	29.0	262.	70.1	1.336	29.7
%RSD	1.3206	.86255	1.4975	1.8737	1.3913

#1	2169.7	30303.	4607.9	70.341	2113.5
#2	2225.0	30085.	4699.8	70.705	2170.8
#3	2182.7	30606.	4745.6	72.815	2128.4

Sample Name: K3236-01MSD Acquired: 6/10/2019 17:21:48 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48970MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82168	1.9679	.98727	2.0751	.83174	2.8062	.37685	.20548
Stddev	.00601	.0080	.00115	.0050	.00435	.0218	.00215	.00024
%RSD	.73102	.40918	.11680	.23954	.52329	.77582	.57089	.11817
#1	.81474	1.9614	.98640	2.0808	.83104	2.7813	.37439	.20566
#2	.82532	1.9769	.98858	2.0726	.83639	2.8154	.37838	.20557
#3	.82496	1.9653	.98683	2.0719	.82777	2.8218	.37779	.20520
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19898	150.86	.42902	.20379	.30723	3.7215	1.3636	55.485
Stddev	.00024	1.01	.00177	.00021	.00066	.0064	.0011	.585
%RSD	.12196	.67156	.41325	.10514	.21412	.17235	.08279	1.0546
#1	.19909	149.72	.42741	.20362	.30686	3.7155	1.3634	55.163
#2	.19914	151.20	.43092	.20403	.30685	3.7282	1.3648	55.132
#3	.19870	151.67	.42872	.20372	.30799	3.7208	1.3626	56.160
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49986	.07330	174.04	.33189	.22304	35.868	.46227	.60250
Stddev	.00099	.00065	3.71	.00138	.00020	.323	.00119	.00992
%RSD	.19814	.88714	2.1333	.41601	.09187	.90163	.25754	1.6458
#1	.49994	.07405	171.57	.33033	.22280	35.527	.46092	.59521
#2	.50081	.07288	172.24	.33298	.22315	35.908	.46315	.59848
#3	.49883	.07298	178.31	.33235	.22316	36.170	.46275	.61379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.391	F 18.863	.72173	.24320	.25220	6.788	.87971	3.0453
Stddev	.048	.072	.00311	.00749	.00235	.023	.00655	.2225
%RSD	.08070	.38355	.43117	3.0782	.93289	.3444	.74468	7.3071
#1	59.337	18.862	.71941	.24814	.24970	6.762	.87215	3.2641
#2	59.429	18.935	.72527	.23459	.25437	6.792	.88377	3.0526
#3	59.408	18.791	.72051	.24687	.25253	6.808	.88321	2.8192

Sample Name: K3236-01MSD Acquired: 6/10/2019 17:21:48 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: N48970MSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.0022
Stddev	.1835
%RSD	2.2931

#1	7.8643
#2	7.9319
#3	8.2105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.3	47044.	5512.0	89.321	3619.4
Stddev	2.3	79.	16.9	1.144	2.2
%RSD	.07018	.16759	.30672	1.2802	.06068

#1	3246.9	47090.	5510.6	88.532	3617.3
#2	3251.5	47088.	5495.9	90.632	3621.7
#3	3249.6	46953.	5529.6	88.798	3619.2

Sample Name: K3236-01MS Acquired: 6/10/2019 17:25:55 Type: Unk
Method: P4-ICP2(v3188) 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	.79017	1.8951	.94457	2.0002	.80368	2.7136	.37027	.19755
Stddev	.00215	.0058	.00440	.0025	.00352	.0213	.00271	.00043
%RSD	.27159	.30699	.46539	.12679	.43763	.78431	.73063	.21856
#1	.78991	1.9018	.94962	2.0012	.80052	2.6899	.36733	.19782
#2	.79244	1.8914	.94242	2.0020	.80304	2.7312	.37265	.19779
#3	.78817	1.8920	.94165	1.9973	.80747	2.7197	.37085	.19706
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19053	151.50	.40943	.19590	.29632	3.6035	1.3658	55.700
Stddev	.00023	1.22	.00101	.00062	.00055	.0064	.0023	.379
%RSD	.11833	.80388	.24683	.31817	.18393	.17733	.16623	.68036
#1	.19074	150.18	.41045	.19612	.29570	3.6085	1.3670	55.290
#2	.19057	151.74	.40943	.19638	.29668	3.6058	1.3672	56.038
#3	.19029	152.58	.40843	.19519	.29660	3.5963	1.3632	55.771
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47898	.06982	190.43	.32062	.21298	35.481	.44634	.60772
Stddev	.00082	.00054	.59	.00094	.00053	.058	.00101	.01336
%RSD	.17115	.76965	.30972	.29456	.24658	.16349	.22538	2.1978
#1	.47874	.06922	189.75	.32043	.21355	35.415	.44567	.61372
#2	.47989	.06999	190.79	.32164	.21286	35.521	.44749	.61702
#3	.47831	.07025	190.75	.31978	.21252	35.508	.44584	.59241
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 60.004	F 18.850	.69365	.23079	.24236	6.519	.87647	3.3604
Stddev	.231	.119	.00079	.00338	.00198	.012	.00680	.0198
%RSD	.38545	.63000	.11363	1.4642	.81883	.1847	.77632	.59036
#1	60.261	18.730	.69445	.22939	.24011	6.533	.86899	3.3375
#2	59.941	18.854	.69288	.22834	.24313	6.513	.87813	3.3726
#3	59.811	18.967	.69362	.23464	.24385	6.511	.88230	3.3710

Sample Name: K3236-01MS Acquired: 6/10/2019 17:25:55 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3588
Stddev	.8103
%RSD	12.742

#1	6.1854
#2	7.2418
#3	5.6493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.7	46903.	5509.2	89.785	3597.6
Stddev	9.3	84.	17.3	.560	17.0
%RSD	.28944	.17912	.31319	.62362	.47311

#1	3225.0	46858.	5527.3	89.490	3583.3
#2	3221.7	46850.	5507.4	89.433	3593.1
#3	3239.3	47000.	5492.9	90.430	3616.4

Sample Name: K3193-04LX5 Acquired: 6/10/2019 17:30:00 Type: Unk
Method: P4-ICP2(v3188) 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	.00708	-.00026	.01083	.00359	.00039	-.02537	.37309
Stddev	.00412	.00052	.00105	.00093	.00297	.00314	.00140
%RSD	58.296	196.88	9.7224	25.869	764.75	12.367	.37458

#1	.00690	-.00086	.01150	.00253	.00336	-.02892	.37376
#2	.00304	-.00005	.00962	.00423	.00037	-.02295	.37404
#3	.01129	.00012	.01139	.00402	-.00257	-.02424	.37149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00022	101.03	-.00158	.00011	.00762	4.8358
Stddev	.00008	.00011	.73	.00013	.00031	.00034	.0071
%RSD	81.044	48.802	.71942	8.1889	275.58	4.4997	.14656

#1	.00017	-.00010	100.30	-.00163	.00036	.00773	4.8428
#2	.00013	-.00032	101.06	-.00144	.00021	.00789	4.8360
#3	.00001	-.00024	101.75	-.00168	-.00024	.00723	4.8286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89220	268.11	-.00736	-.00151	F 2116.1	-.00075	.00637
Stddev	.00219	.92	.00083	.00056	15.9	.00026	.00011
%RSD	.24535	.34492	11.241	37.290	.75270	35.305	1.7418

#1	.89408	268.63	-.00689	-.00114	2119.2	-.00044	.00625
#2	.89270	268.65	-.00687	-.00216	2130.2	-.00093	.00644
#3	.88980	267.04	-.00832	-.00123	2098.8	-.00086	.00644

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.85	.02372	1.2729	9.3417	5.4438	-.00065	-.00277
Stddev	.14	.00018	.0291	.0097	.0374	.00051	.00101
%RSD	.12698	.76063	2.2884	.10346	.68778	78.610	36.542

#1	107.91	.02374	1.3065	9.3372	5.4181	-.00063	-.00170
#2	107.94	.02352	1.2560	9.3528	5.4265	-.00117	-.00372
#3	107.69	.02388	1.2562	9.3351	5.4868	-.00015	-.00288

Sample Name: K3193-04LX5 Acquired: 6/10/2019 17:30:00 Type: Unk
Method: P4-ICP2(v3188) 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	.07798	.0387	1.8049	6.4348	F<.00000
Stddev	.00137	.0016	.0115	.1737	.33910
%RSD	1.7582	4.057	.63611	2.6996	7.0232

#1	.07659	.0402	1.7921	6.5890	-4.8863
#2	.07803	.0389	1.8085	6.4688	-4.4639
#3	.07933	.0371	1.8142	6.2466	-5.1346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2834.3	39507.	5166.6	83.405	2933.9
Stddev	12.7	17.	34.7	1.286	14.5
%RSD	.44838	.04377	.67076	1.5418	.49543

#1	2820.0	39497.	5199.1	84.862	2917.2
#2	2838.6	39498.	5170.5	82.926	2940.8
#3	2844.3	39527.	5130.1	82.428	2943.7

Sample Name: K3193-04A Acquired: 6/10/2019 17:34:31 Type: Unk
Method: P4-ICP2(v3188) 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	1.0103	1.9742	1.0521	2.5630	1.0159	2.7165	2.3638	.28338
Stddev	.0114	.0156	.0101	.0114	.0050	.0453	.0230	.00164
%RSD	1.1256	.79239	.96331	.44318	.48835	1.6663	.97315	.57745
#1	1.0029	1.9655	1.0443	2.5513	1.0102	2.6812	2.3456	.28527
#2	1.0234	1.9647	1.0483	2.5637	1.0192	2.7007	2.3896	.28247
#3	1.0047	1.9922	1.0635	2.5740	1.0183	2.7675	2.3560	.28241
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21253	448.75	.39011	.21245	.30273	23.486	4.1554	1388.0
Stddev	.00227	1.95	.00238	.00166	.00323	.230	.0331	13.0
%RSD	1.0694	.43463	.61085	.78235	1.0672	.97757	.79638	.93605
#1	.21055	449.13	.39252	.21108	.29971	23.676	4.1858	1375.3
#2	.21202	450.48	.38775	.21197	.30236	23.231	4.1201	1401.3
#3	.21501	446.64	.39007	.21430	.30614	23.551	4.1603	1387.4
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49415	.10308	F 4935.5	.30954	.33249	682.30	.52088	7.1883
Stddev	.00453	.00211	97.1	.00144	.00258	5.31	.00173	.0950
%RSD	.91660	2.0448	1.9680	.46615	.77496	.77877	.33278	1.3217
#1	.48894	.10551	5026.5	.31060	.32952	676.17	.51889	7.0905
#2	.49642	.10203	4946.7	.31013	.33397	685.35	.52204	7.2802
#3	.49710	.10171	4833.2	.30790	.33399	685.39	.52171	7.1941
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.114	F 25.854	.73536	.19053	.75455	9.782	8.7596	9.6736
Stddev	.342	.461	.00647	.00189	.00736	.052	.1096	.0870
%RSD	.68197	1.7823	.87974	.99399	.97530	.5321	1.2516	.89975
#1	49.732	26.382	.72825	.18858	.75794	9.724	8.7778	9.5785
#2	50.392	25.649	.73694	.19066	.75961	9.794	8.8590	9.6929
#3	50.217	25.531	.74090	.19236	.74611	9.826	8.6420	9.7494

Sample Name: K3193-04A Acquired: 6/10/2019 17:34:31 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 16.800
Stddev 1.430
%RSD 8.5105

#1 18.448
#2 16.063
#3 15.890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.7	31944.	4850.0	74.161	2159.7
Stddev	23.6	244.	54.0	2.452	22.6
%RSD	1.0590	.76334	1.1127	3.3068	1.0471

#1	2244.4	31916.	4801.2	71.380	2182.2
#2	2198.6	31714.	4840.7	75.090	2137.0
#3	2231.2	32200.	4908.0	76.013	2159.7

Sample Name: K3193-04MSD Acquired: 6/10/2019 17:41:48 Type: Unk
Method: P4-ICP2(v3188) 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	.86786	1.7004	.91003	2.1901	.87330	2.2733	2.3208	.24555
Stddev	.00365	.0175	.00496	.0203	.00449	.0389	.0180	.00070
%RSD	.42083	1.0284	.54472	.92686	.51358	1.7097	.77461	.28370
#1	.87082	1.7051	.91122	2.2052	.87818	2.2416	2.3091	.24480
#2	.86898	1.7151	.91429	2.1981	.87238	2.2615	2.3118	.24569
#3	.86378	1.6811	.90459	2.1670	.86935	2.3166	2.3415	.24617
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18298	459.60	.34244	.18199	.26642	23.564	4.2032	1384.4
Stddev	.00114	3.19	.00209	.00105	.00192	.088	.0056	12.1
%RSD	.62132	.69375	.61152	.57776	.71929	.37349	.13223	.87138
#1	.18320	456.41	.34147	.18222	.26677	23.538	4.2024	1372.8
#2	.18399	462.79	.34100	.18291	.26814	23.492	4.1981	1383.6
#3	.18174	459.60	.34484	.18084	.26436	23.662	4.2091	1396.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41871	.08771	^ *****	.26785	.29382	680.75	.46549	7.0520
Stddev	.00420	.00114	-----	.00112	.00254	6.38	.00302	.0776
%RSD	1.0026	1.2950	-----	.41756	.86309	.93780	.64872	1.0998
#1	.41826	.08669	^ -----	.26792	.29551	676.95	.46793	7.0216
#2	.42311	.08893	^ -----	.26669	.29504	677.19	.46643	6.9943
#3	.41475	.08749	^ -----	.26893	.29090	688.12	.46211	7.1402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.324	F 26.523	.63720	.16604	.70885	8.414	8.8926	9.8225
Stddev	.324	.122	.00214	.00183	.00536	.069	.0810	.2533
%RSD	.65756	.46118	.33551	1.1005	.75619	.8247	.91062	2.5785
#1	49.575	26.542	.63766	.16446	.70432	8.448	8.8156	9.8012
#2	49.440	26.634	.63907	.16562	.71477	8.459	8.9770	10.086
#3	48.958	26.392	.63487	.16804	.70746	8.334	8.8853	9.5805

Sample Name: K3193-04MSD Acquired: 6/10/2019 17:41:48 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.267
Stddev	.222
%RSD	1.4523

#1	15.294
#2	15.474
#3	15.033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.4	31500.	4680.8	70.380	2195.6
Stddev	15.5	87.	26.3	1.274	12.9
%RSD	.68571	.27709	.56221	1.8103	.58978

#1	2239.9	31506.	4683.5	71.798	2181.9
#2	2263.4	31584.	4653.2	70.010	2197.4
#3	2269.1	31409.	4705.7	69.331	2207.6

Sample Name: K3193-04MSD Acquired: 6/10/2019 17:46:19 Type: Unk
Method: P4-ICP2(v3188) 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	.85985	1.7045	.91080	2.1743	.86804	2.1514	2.2556	.23992
Stddev	.00424	.0048	.00176	.0115	.00910	.0506	.0151	.00177
%RSD	.49269	.28317	.19363	.52877	1.0486	2.3507	.66949	.73978
#1	.85497	1.6990	.90881	2.1622	.85754	2.0950	2.2382	.23915
#2	.86198	1.7066	.91218	2.1757	.87299	2.1927	2.2641	.24195
#3	.86259	1.7079	.91140	2.1850	.87360	2.1665	2.2645	.23866
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18253	453.70	.33444	.18207	.26554	23.485	4.1868	1365.0
Stddev	.00078	2.67	.00211	.00163	.00111	.093	.0132	8.9
%RSD	.42566	.58841	.63056	.89528	.41633	.39546	.31472	.65298
#1	.18164	451.61	.33202	.18029	.26427	23.459	4.1875	1354.7
#2	.18309	452.77	.33541	.18243	.26604	23.588	4.1997	1370.1
#3	.18284	456.71	.33589	.18349	.26631	23.407	4.1733	1370.1
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41836	.08578	^ *****	.26205	.29163	665.42	.46515	6.8434
Stddev	.00324	.00074	-----	.00038	.00122	4.37	.00211	.1086
%RSD	.77417	.86742	-----	.14389	.41722	.65741	.45256	1.5866
#1	.41576	.08658	4733.0	.26248	.29022	660.37	.46305	6.7212
#2	.41734	.08510	^ -----	.26176	.29234	668.18	.46514	6.8800
#3	.42199	.08565	4543.7	.26191	.29232	667.70	.46726	6.9289
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.117	F 26.492	.63690	.16145	.67368	8.395	8.6849	9.6738
Stddev	.105	.061	.00358	.00151	.00837	.050	.0762	.1329
%RSD	.20992	.22902	.56253	.93686	1.2428	.5951	.87786	1.3741
#1	50.082	26.554	.63287	.15988	.66482	8.337	8.7028	9.5445
#2	50.033	26.432	.63814	.16290	.67474	8.425	8.6013	9.8101
#3	50.235	26.489	.63971	.16157	.68147	8.423	8.7506	9.6668

Sample Name: K3193-04MSD Acquired: 6/10/2019 17:46:19 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.779
Stddev 1.774
%RSD 11.242

#1 16.213
#2 13.828
#3 17.295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.9	31642.	4688.8	72.641	2168.1
Stddev	3.4	128.	17.5	1.376	4.0
%RSD	.15037	.40405	.37340	1.8935	.18308

#1	2236.2	31559.	4669.3	71.279	2164.0
#2	2242.7	31577.	4703.2	72.615	2168.4
#3	2237.9	31789.	4693.8	74.030	2171.9

Sample Name: K3193-05 Acquired: 6/10/2019 17:50:52 Type: Unk
Method: P4-ICP2(v3188) 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	.00398	-.00173	.04583	-.00632	.00464	-.09142	1.2490
Stddev	.00156	.00299	.00147	.00621	.00150	.01294	.0086
%RSD	39.148	172.87	3.2053	98.300	32.323	14.156	.68518

#1	.00542	-.00084	.04629	-.01172	.00389	-.07935	1.2394
#2	.00421	.00071	.04418	-.00770	.00367	-.08983	1.2520
#3	.00232	-.00507	.04701	.00047	.00637	-.10509	1.2557

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00045	362.99	.00310	.00083	.01173	1.0219
Stddev	.00004	.00009	.47	.00040	.00025	.00031	.0140
%RSD	95.203	19.394	.12864	12.971	29.658	2.6462	1.3707

#1	-.00006	-.00040	362.53	.00277	.00059	.01167	1.0305
#2	.00000	-.00055	363.46	.00355	.00083	.01206	1.0293
#3	-.00007	-.00039	362.98	.00298	.00108	.01145	1.0057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2961	1041.5	-.01301	-.00477	F 4187.0	.00375	.03090
Stddev	.0109	8.3	.00148	.00064	175.5	.00022	.00017
%RSD	.83844	.79744	11.399	13.468	4.1914	5.8446	.54254

#1	1.3038	1032.7	-.01340	-.00488	4368.7	.00354	.03091
#2	1.3008	1042.7	-.01137	-.00408	4173.9	.00374	.03072
#3	1.2837	1049.2	-.01426	-.00535	4018.4	.00398	.03106

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	523.97	.00891	4.9824	F 42.349	F 29.409	-.00990	-.00195
Stddev	4.99	.00066	.0612	.017	.204	.00195	.00165
%RSD	.95155	7.4073	1.2289	.04029	.69462	19.741	84.652

#1	518.43	.00847	4.9124	42.366	29.542	-.01100	-.00281
#2	525.41	.00967	5.0088	42.350	29.511	-.00764	-.00005
#3	528.08	.00859	5.0259	42.332	29.174	-.01106	-.00299

Sample Name: K3193-05 Acquired: 6/10/2019 17:50:52 Type: Unk
Method: P4-ICP2(v3188) 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	.26409	F 11.08	7.3421	8.5884	F<.00000
Stddev	.00148	.04	.0164	.0990	.85035
%RSD	.56204	.3675	.22370	1.1528	13.602

#1	.26550	11.04	7.3476	8.6994	-6.9104
#2	.26422	11.11	7.3551	8.5090	-6.5526
#3	.26254	11.09	7.3237	8.5569	-5.2917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.2	33924.	4926.1	73.974	2366.8
Stddev	14.3	53.	24.4	.178	5.4
%RSD	.59616	.15567	.49583	.24098	.23005

#1	2410.4	33968.	4901.5	73.769	2368.4
#2	2386.7	33938.	4926.3	74.067	2360.7
#3	2412.4	33866.	4950.4	74.087	2371.2

Sample Name: CCV08 Acquired: 6/10/2019 18:13:04 Type: Unk
Method: P4-ICP2(v3188) 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	4.7691	4.9406	4.7739	4.8208	4.8057	9.3779	9.7936	.23742
Stddev	.0041	.0072	.0126	.0098	.0042	.0612	.0338	.00032
%RSD	.08508	.14583	.26421	.20358	.08671	.65242	.34476	.13296
#1	4.7738	4.9483	4.7606	4.8280	4.8058	9.3476	9.7676	.23732
#2	4.7665	4.9392	4.7857	4.8247	4.8015	9.3378	9.7814	.23777
#3	4.7671	4.9341	4.7752	4.8096	4.8099	9.4483	9.8317	.23716
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4059	26.264	.98219	2.3886	1.1715	4.7710	2.4237	22.575
Stddev	.0016	.135	.00314	.0055	.0007	.0079	.0034	.043
%RSD	.06706	.51295	.31993	.22823	.06300	.16476	.13895	.18880
#1	2.4069	26.122	.98300	2.3933	1.1723	4.7683	2.4200	22.532
#2	2.4068	26.280	.97872	2.3900	1.1710	4.7647	2.4244	22.617
#3	2.4040	26.389	.98484	2.3826	1.1710	4.7798	2.4267	22.576
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3868	1.2095	24.685	2.6067	2.3563	24.294	4.7569	F 4.4104
Stddev	.0012	.0030	.025	.0025	.0037	.154	.0087	.0180
%RSD	.04930	.24607	.10147	.09652	.15892	.63586	.18380	.40703
#1	2.3880	1.2084	24.694	2.6088	2.3594	24.173	4.7670	4.3983
#2	2.3865	1.2073	24.656	2.6039	2.3573	24.242	4.7512	4.4017
#3	2.3857	1.2129	24.703	2.6075	2.3522	24.468	4.7526	4.4310
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8526	5.0058	4.8470	4.7688	4.9129	5.177	4.9477	F 1.5297
Stddev	.0212	.0176	.0121	.0153	.0101	.012	.0185	.1392
%RSD	.43707	.35264	.25069	.32028	.20532	.2315	.37361	9.0992
#1	4.8747	4.9981	4.8504	4.7567	4.9021	5.189	4.9268	1.5268
#2	4.8508	4.9933	4.8570	4.7637	4.9221	5.178	4.9542	1.6704
#3	4.8324	5.0260	4.8335	4.7860	4.9144	5.165	4.9621	1.3920

Sample Name: CCV08 Acquired: 6/10/2019 18:13:04 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9526
Stddev	.3889
%RSD	19.918

#1	2.3909
#2	1.8178
#3	1.6490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.9	49343.	5581.8	87.923	3804.3
Stddev	6.8	94.	3.9	1.325	7.8
%RSD	.19693	.19135	.06959	1.5072	.20620

#1	3443.1	49268.	5583.3	89.273	3795.6
#2	3456.7	49449.	5577.4	87.874	3806.5
#3	3450.0	49312.	5584.8	86.624	3810.9

Sample Name: CCB08 Acquired: 6/10/2019 18:25:58 Type: Unk
Method: P4-ICP2(v3188) 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	-.00003	.00123	.00037	.00155	-.00003	.01909	.00143
Stddev	.00128	.00047	.00034	.00395	.00128	.00169	.00014
%RSD	3795.9	38.623	92.132	255.31	3952.0	8.8390	9.6566

#1	.00142	.00076	.00074	-.00293	-.00135	.02074	.00136
#2	-.00103	.00122	.00006	.00304	.00122	.01917	.00159
#3	-.00049	.00171	.00031	.00454	.00003	.01737	.00133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00001	.00461	.00129	-.00021	-.00020	.00614
Stddev	.00008	.00007	.01143	.00023	.00009	.00041	.00031
%RSD	86.533	506.00	247.90	17.687	41.074	205.52	5.0180

#1	-.00005	-.00002	.01260	.00103	-.00030	-.00009	.00617
#2	-.00018	.00006	-.00848	.00147	-.00012	-.00065	.00582
#3	-.00004	-.00008	.00971	.00137	-.00022	.00015	.00643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00696	-.00022	-.00027	F .92430	-.00026	.00642
Stddev	.00004	.02368	.00006	.00037	.00980	.00010	.00012
%RSD	21.184	340.36	28.457	135.77	1.0604	38.968	1.9112

#1	.00019	.00461	-.00027	-.00012	.92532	-.00018	.00628
#2	.00013	-.03420	-.00015	-.00000	.91403	-.00037	.00650
#3	.00020	.00872	-.00022	-.00069	.93355	-.00021	.00649

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05422	-.00038	-.00069	.00290	.00470	-.00123	.00115
Stddev	.00966	.00029	.00461	.00116	.00094	.00048	.00124
%RSD	17.814	77.730	670.88	39.834	20.058	39.017	107.41

#1	.05700	-.00020	.00386	.00353	.00436	-.00099	-.00028
#2	.04347	-.00022	-.00536	.00157	.00577	-.00091	.00187
#3	.06217	-.00072	-.00056	.00361	.00398	-.00178	.00187

Sample Name: CCB08 Acquired: 6/10/2019 18:25:58 Type: Unk
Method: P4-ICP2(v3188) 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	.00224	.0047	-.00005	F .68131	F<.00000
Stddev	.00029	.0029	.00004	.12306	.67945
%RSD	13.077	61.90	94.030	18.063	53.834
#1	.00217	.0026	-.00009	.66017	-.51755
#2	.00257	.0080	-.00005	.57018	-1.4202
#3	.00199	.0035	-.00000	.81357	-1.8486
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.0	51163.	5645.1	91.464	4158.3
Stddev	9.7	84.	22.2	.761	8.0
%RSD	.27652	.16388	.39272	.83157	.19338
#1	3498.8	51166.	5626.1	92.275	4164.2
#2	3502.1	51245.	5639.7	91.350	4149.2
#3	3517.0	51078.	5669.5	90.767	4161.6

Sample Name: K3221-03 Acquired: 6/10/2019 18:30:28 Type: Unk
Method: P4-ICP2(v3188) 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	-.00099	.00004	.00632	.00334	-.00058	.15909	.14215
Stddev	.00294	.00053	.00048	.00363	.00037	.02670	.00075
%RSD	295.81	1499.3	7.6436	108.79	64.114	16.783	.52848

#1	.00235	.00044	.00625	.00005	-.00098	.14590	.14130
#2	-.00320	-.00057	.00587	.00723	-.00052	.14156	.14270
#3	-.00213	.00024	.00683	.00274	-.00025	.18982	.14246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.00009	36.530	.00163	.00370	.71394	.52826
Stddev	.00004	.00008	.392	.00020	.00012	.00163	.00218
%RSD	2.6427	97.783	1.0731	12.259	3.2821	.22795	.41196

#1	.00166	.00017	36.098	.00174	.00369	.71414	.52751
#2	.00159	.00009	36.626	.00140	.00358	.71545	.53072
#3	.00158	.00000	36.864	.00175	.00382	.71222	.52657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36908	7.1021	.00126	-.00114	148.07	-.00123	.07630
Stddev	.00059	.0217	.00039	.00055	.91	.00050	.00007
%RSD	.16103	.30509	30.850	48.670	.61198	41.073	.08828

#1	.36840	7.0954	.00136	-.00052	147.02	-.00074	.07638
#2	.36950	7.0845	.00158	-.00159	148.60	-.00120	.07625
#3	.36934	7.1263	.00083	-.00130	148.58	-.00174	.07628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4681	.00373	.02048	3.0355	4.4805	-.00101	.00096
Stddev	.0278	.00034	.00605	.0065	.0222	.00056	.00037
%RSD	.80209	9.1241	29.530	.21338	.49664	55.081	38.647

#1	3.4409	.00382	.01530	3.0426	4.4674	-.00157	.00096
#2	3.4965	.00401	.01900	3.0299	4.4680	-.00101	.00059
#3	3.4668	.00335	.02712	3.0340	4.5062	-.00045	.00133

Sample Name: K3221-03 Acquired: 6/10/2019 18:30:28 Type: Unk
 Method: P4-ICP2(v3188) 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	.00862	.0016	.35010	1.3870	F<.00000
Stddev	.00116	.0012	.00199	.1479	.16959
%RSD	13.417	73.91	.56912	10.660	4.3447
#1	.00753	.0003	.34794	1.5577	-4.0582
#2	.00984	.0026	.35050	1.3005	-3.7221
#3	.00850	.0020	.35186	1.3027	-3.9296
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.5	50481.	5843.1	95.309	3978.0
Stddev	11.3	115.	12.7	1.124	5.4
%RSD	.32226	.22847	.21815	1.1790	.13463
#1	3486.2	50383.	5840.4	95.808	3972.8
#2	3489.9	50452.	5856.9	96.097	3977.7
#3	3507.3	50608.	5831.8	94.022	3983.5

Sample Name: K3221-05 Acquired: 6/10/2019 18:34:49 Type: Unk
Method: P4-ICP2(v3188) 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	-.00166	-.00038	.00596	.00244	-.00167	.00806	.13271
Stddev	.00229	.00132	.00033	.00207	.00026	.00612	.00106
%RSD	137.89	344.74	5.4840	84.785	15.463	75.892	.80070

#1	-.00244	.00087	.00601	.00197	-.00146	.00868	.13202
#2	.00092	-.00177	.00626	.00065	-.00160	.01385	.13393
#3	-.00345	-.00025	.00561	.00471	-.00196	.00166	.13217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00046	37.974	.00096	.00422	.00161	.00446
Stddev	.00011	.00007	.276	.00021	.00019	.00024	.00049
%RSD	79.708	16.295	.72774	21.446	4.5973	14.673	11.036

#1	.00020	.00054	37.671	.00084	.00433	.00141	.00390
#2	.00021	.00043	38.039	.00120	.00400	.00187	.00484
#3	.00001	.00040	38.213	.00084	.00433	.00155	.00464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06740	14.299	.00543	-.00088	140.18	.00099	.04138
Stddev	.00012	.095	.00060	.00004	.65	.00034	.00016
%RSD	.18351	.66252	10.994	4.1436	.46341	34.719	.39868

#1	.06729	14.212	.00474	-.00091	139.45	.00108	.04149
#2	.06753	14.400	.00574	-.00084	140.68	.00127	.04119
#3	.06739	14.285	.00581	-.00090	140.43	.00061	.04146

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9443	-.00063	.04648	3.3415	6.1906	-.00112	.00018
Stddev	.0573	.00037	.01149	.0080	.0232	.00072	.00095
%RSD	1.4520	58.309	24.723	.23919	.37394	63.753	530.41

#1	3.8804	-.00041	.05963	3.3459	6.1865	-.00177	.00123
#2	3.9910	-.00106	.03835	3.3323	6.1698	-.00035	-.00061
#3	3.9614	-.00043	.04146	3.3464	6.2156	-.00125	-.00008

Sample Name: K3221-05 Acquired: 6/10/2019 18:34:49 Type: Unk
Method: P4-ICP2(v3188) 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	.00658	-.0038	.42808	1.4927	F<.00000
Stddev	.00094	.0015	.00352	.1057	1.1528
%RSD	14.259	38.48	.82295	7.0830	27.216

#1	.00653	-.0026	.42421	1.6078	-5.4948
#2	.00567	-.0054	.42893	1.3999	-3.9809
#3	.00754	-.0033	.43110	1.4704	-3.2319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.6	50203.	5785.3	95.366	3949.5
Stddev	15.8	83.	27.0	.626	6.3
%RSD	.45772	.16601	.46656	.65653	.16042

#1	3478.4	50108.	5786.1	95.797	3947.0
#2	3455.0	50265.	5811.8	95.653	3944.7
#3	3448.3	50236.	5757.9	94.648	3956.6

Sample Name: K3221-10 Acquired: 6/10/2019 18:39:14 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8292 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	-.00107	.00582	.00076	-.00025	.01743	.14109
Stddev	.00079	.00127	.00120	.00279	.00088	.01067	.00074
%RSD	73.000	118.36	20.575	366.46	352.95	61.233	.52697

#1	-.00108	.00005	.00493	.00377	-.00123	.00772	.14045
#2	-.00187	-.00245	.00535	.00024	.00002	.02885	.14090
#3	-.00029	-.00082	.00718	-.00173	.00047	.01572	.14190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00053	39.869	.00063	.00433	.00243	-.00004
Stddev	.00004	.00010	.447	.00009	.00017	.00047	.00052
%RSD	28.004	18.273	1.1219	14.338	3.8726	19.315	1161.2

#1	.00018	.00042	39.381	.00053	.00426	.00288	-.00057
#2	.00019	.00054	39.968	.00070	.00452	.00246	.00047
#3	.00011	.00061	40.259	.00065	.00421	.00195	-.00003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07196	15.056	.00559	-.00142	148.53	.00007	.04645
Stddev	.00055	.159	.00006	.00038	.54	.00019	.00015
%RSD	.77115	1.0565	1.1376	26.733	.36593	247.83	.33124

#1	.07224	14.873	.00562	-.00142	147.94	-.00013	.04650
#2	.07132	15.132	.00564	-.00104	148.66	.00014	.04628
#3	.07232	15.163	.00552	-.00180	149.00	.00022	.04658

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2114	-.00045	.05331	3.5330	6.5673	-.00128	.00016
Stddev	.0291	.00022	.00744	.0120	.0431	.00040	.00076
%RSD	.69003	47.695	13.963	.33902	.65618	31.323	462.82

#1	4.1779	-.00070	.06014	3.5272	6.5229	-.00173	-.00035
#2	4.2294	-.00036	.04537	3.5251	6.5701	-.00098	-.00019
#3	4.2269	-.00030	.05443	3.5468	6.6090	-.00112	.00103

Sample Name: K3221-10 Acquired: 6/10/2019 18:39:14 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8292 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00577	-.0029	.45321	1.3038	F<.00000
Stddev	.00060	.0017	.00223	.1227	.87755
%RSD	10.444	57.85	.49199	9.4106	22.313

#1	.00513	-.0037	.45098	1.3629	-4.9127
#2	.00585	-.0040	.45322	1.3858	-3.2191
#3	.00633	-.0010	.45544	1.1628	-3.6672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.5	50012.	5777.9	93.975	3937.0
Stddev	15.6	127.	4.6	1.262	9.8
%RSD	.45178	.25317	.07904	1.3423	.24902

#1	3428.2	49890.	5778.8	93.239	3926.1
#2	3449.9	50005.	5782.0	93.254	3940.1
#3	3458.4	50143.	5773.0	95.432	3944.9

Sample Name: K3221-12 Acquired: 6/10/2019 18:43:39 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8292 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	-.00129	.00231	.00350	-.00170	.08218	.04640
Stddev	.00337	.00037	.00069	.00238	.00137	.00660	.00030
%RSD	133.86	28.841	29.915	67.948	80.554	8.0370	.64069

#1	-.00407	-.00124	.00295	.00407	-.00138	.07461	.04606
#2	-.00483	-.00094	.00239	.00553	-.00321	.08676	.04661
#3	.00135	-.00168	.00158	.00089	-.00052	.08518	.04654

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00009	17.325	.04683	-.00004	.00018	.04801
Stddev	.00003	.00003	.226	.00034	.00009	.00038	.00105
%RSD	119.62	38.613	1.3032	.72331	207.96	208.94	2.1868

#1	.00001	-.00005	17.070	.04671	.00006	.00038	.04885
#2	-.00005	-.00011	17.405	.04721	-.00007	.00042	.04835
#3	-.00003	-.00010	17.500	.04657	-.00012	-.00026	.04683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00268	5.7285	-.00086	-.00073	115.46	.00058	.02805
Stddev	.00006	.1305	.00028	.00033	.58	.00024	.00007
%RSD	2.1998	2.2781	32.503	45.054	.49926	42.352	.25891

#1	.00275	5.5778	-.00088	-.00058	114.82	.00036	.02798
#2	.00265	5.8024	-.00112	-.00050	115.95	.00084	.02813
#3	.00264	5.8053	-.00057	-.00110	115.60	.00053	.02803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9492	-.00053	.04641	6.7708	3.4338	-.00225	.00278
Stddev	.0181	.00016	.01577	.0291	.0317	.00018	.00055
%RSD	.61546	30.231	33.985	.42929	.92239	7.8808	19.748

#1	2.9291	-.00034	.04089	6.7633	3.4190	-.00215	.00287
#2	2.9645	-.00064	.06421	6.8029	3.4701	-.00245	.00219
#3	2.9538	-.00060	.03415	6.7463	3.4122	-.00214	.00327

Sample Name: K3221-12 Acquired: 6/10/2019 18:43:39 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8292 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00354	-.0031	.13529	.97125	F<.00000
Stddev	.00159	.0016	.00116	.11531	.63568
%RSD	44.807	51.17	.85531	11.872	13.808

#1	.00182	-.0043	.13396	1.0737	-5.2579
#2	.00386	-.0036	.13606	.84637	-3.9883
#3	.00495	-.0013	.13584	.99371	-4.5648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.2	50702.	5838.9	95.040	4041.5
Stddev	8.3	309.	41.0	.864	4.4
%RSD	.23789	.60871	.70296	.90864	.10814

#1	3475.9	50472.	5826.8	94.067	4040.2
#2	3488.6	50582.	5805.3	95.337	4038.0
#3	3473.1	51053.	5884.6	95.715	4046.4

Sample Name: K3190-03 Acquired: 6/10/2019 18:48:03 Type: Unk
Method: P4-ICP2(v3188) 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	.00119	.00155	.00358	.00232	-.00200	.00015	.06051
Stddev	.00120	.00032	.00041	.00233	.00061	.00300	.00057
%RSD	100.70	20.830	11.356	100.16	30.320	2041.7	.93490

#1	.00160	.00135	.00365	.00127	-.00267	.00339	.06021
#2	-.00016	.00192	.00395	.00071	-.00186	-.00042	.06116
#3	.00214	.00137	.00314	.00499	-.00148	-.00253	.06015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00012	16.929	.00019	.00370	.00023	.02155
Stddev	.00005	.00004	.089	.00036	.00008	.00035	.00077
%RSD	111.74	30.442	.52770	185.39	2.2535	152.40	3.5715

#1	-.00007	.00012	16.840	-.00013	.00379	-.00007	.02181
#2	-.00008	.00008	16.929	.00013	.00367	.00061	.02215
#3	.00001	.00015	17.019	.00058	.00363	.00015	.02068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52514	4.3161	.00236	-.00016	90.594	-.00169	.02042
Stddev	.00097	.0892	.00017	.00047	.330	.00027	.00007
%RSD	.18388	2.0673	7.1972	298.79	.36406	15.988	.33905

#1	.52495	4.2278	.00237	-.00061	90.426	-.00174	.02040
#2	.52619	4.4062	.00252	-.00019	90.974	-.00194	.02049
#3	.52428	4.3144	.00218	.00033	90.382	-.00140	.02036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3939	.00011	.03370	F 18.039	7.1749	-.00778	.00159
Stddev	.0313	.00016	.01838	.036	.0673	.00040	.00180
%RSD	1.3089	138.21	54.529	.20076	.93768	5.1058	113.80

#1	2.3736	.00018	.04603	18.011	7.1790	-.00758	.00043
#2	2.4300	-.00007	.01258	18.080	7.1057	-.00752	.00367
#3	2.3781	.00023	.04251	18.025	7.2401	-.00824	.00066

Sample Name: K3190-03 Acquired: 6/10/2019 18:48:03 Type: Unk
Method: P4-ICP2(v3188) 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	.00121	.0046	.11748	.73284	F<.00000
Stddev	.00118	.0016	.00044	.10365	.55050
%RSD	97.229	34.77	.37557	14.143	11.893

#1	.00241	.0037	.11716	.67043	-5.1951
#2	.00117	.0065	.11731	.67561	-4.0956
#3	.00006	.0037	.11799	.85249	-4.5954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.0	51101.	5834.6	97.670	4107.3
Stddev	7.0	64.	50.0	.874	7.4
%RSD	.19941	.12596	.85638	.89467	.17939

#1	3499.5	51141.	5818.3	98.678	4107.7
#2	3508.6	51027.	5890.6	97.219	4114.6
#3	3494.8	51136.	5794.8	97.114	4099.8

Sample Name: K3190-05 Acquired: 6/10/2019 18:52:27 Type: Unk
Method: P4-ICP2(v3188) 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	-.00095	.00030	.00402	-.00079	-.00117	.23954	.07139
Stddev	.00253	.00036	.00074	.00412	.00096	.01686	.00033
%RSD	266.16	120.97	18.451	523.80	82.187	7.0399	.46853

#1	-.00373	.00003	.00340	.00281	-.00055	.25235	.07141
#2	-.00035	.00016	.00382	.00011	-.00068	.22044	.07105
#3	.00123	.00070	.00484	-.00528	-.00227	.24584	.07172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00001	15.845	.00005	.00219	.00100	.17983
Stddev	.00004	.00004	.109	.00030	.00011	.00031	.00111
%RSD	44.362	450.94	.68619	622.55	5.0237	31.572	.61821

#1	.00014	-.00003	15.724	.00034	.00208	.00076	.17880
#2	.00011	-.00005	15.877	-.00026	.00219	.00135	.18101
#3	.00005	.00004	15.934	.00007	.00230	.00088	.17967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58713	3.0134	.00227	-.00053	30.019	-.00202	.02268
Stddev	.00156	.0115	.00036	.00013	.045	.00028	.00070
%RSD	.26631	.38128	15.953	25.091	.14950	13.985	3.0951

#1	.58845	3.0208	.00225	-.00054	29.967	-.00234	.02206
#2	.58754	3.0191	.00193	-.00040	30.044	-.00179	.02344
#3	.58540	3.0001	.00265	-.00066	30.045	-.00195	.02254

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7512	.00249	-.00173	3.6579	7.4674	-.00205	.01086
Stddev	.0191	.00019	.00621	.0039	.0392	.00033	.00105
%RSD	1.0917	7.4673	359.44	.10655	.52502	15.958	9.6347

#1	1.7500	.00268	-.00552	3.6612	7.4689	-.00227	.01063
#2	1.7709	.00248	.00544	3.6536	7.4274	-.00168	.00994
#3	1.7328	.00231	-.00510	3.6589	7.5058	-.00221	.01200

Sample Name: K3190-05 Acquired: 6/10/2019 18:52:27 Type: Unk
 Method: P4-ICP2(v3188) 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	.00125	.0065	.10784	.15820	F<.00000
Stddev	.00202	.0004	.00055	.28044	.73722
%RSD	162.16	6.618	.51322	177.27	69.548
#1	.00278	.0067	.10749	.33064	-1.2185
#2	-.00105	.0069	.10755	.30936	-1.7051
#3	.00201	.0061	.10847	-.16539	-.25645
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.8	51387.	5805.9	95.842	4213.4
Stddev	11.4	65.	20.3	.259	2.5
%RSD	.32397	.12646	.34899	.27060	.05869
#1	3523.7	51381.	5802.5	96.033	4214.5
#2	3501.0	51454.	5827.7	95.547	4210.5
#3	3510.6	51325.	5787.6	95.945	4215.0

Sample Name: K3190-09 Acquired: 6/10/2019 18:56:50 Type: Unk
Method: P4-ICP2(v3188) 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	.00011	.00002	.00291	.00637	-.00217	.00726	.09607	.00012
Stddev	.00088	.00191	.00067	.00306	.00147	.00645	.00102	.00005
%RSD	765.92	8115.9	22.880	48.097	67.570	88.802	1.0578	39.870
#1	-.00054	-.00053	.00310	.00385	-.00325	.01199	.09583	.00007
#2	.00111	-.00155	.00217	.00548	-.00050	.00988	.09718	.00016
#3	-.00023	.00215	.00347	.00978	-.00277	-.00008	.09519	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00197	45.952	-.00047	.01458	.01108	2.6930	1.4953	4.8867
Stddev	.00011	.388	.00023	.00023	.00057	.0120	.0053	.0632
%RSD	5.7723	.84367	49.398	1.5869	5.1547	.44362	.35605	1.2932
#1	.00195	45.796	-.00057	.01459	.01127	2.6933	1.4970	4.8187
#2	.00210	45.667	-.00063	.01434	.01152	2.7049	1.4996	4.8978
#3	.00187	46.393	-.00020	.01480	.01043	2.6810	1.4893	4.9436
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00055	88.751	-.00709	.02228	6.9823	.00084	.06245
Stddev	.00021	.00035	.331	.00014	.00002	.0530	.00024	.00370
%RSD	40.935	63.190	.37289	2.0333	.07244	.75878	28.715	5.9195
#1	-.00042	-.00078	88.589	-.00722	.02229	6.9535	.00091	.06403
#2	-.00076	-.00015	89.132	-.00693	.02229	7.0435	.00105	.06509
#3	-.00037	-.00071	88.533	-.00710	.02226	6.9500	.00058	.05822
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.124	4.6789	-.01322	-.00101	.00172	.0489	.32791	.97046
Stddev	.042	.0296	.00101	.00157	.00178	.0033	.00198	.23344
%RSD	.12825	.63291	7.6232	155.72	103.16	6.763	.60406	24.055
#1	33.147	4.6747	-.01207	.00075	.00320	.0479	.32650	.71982
#2	33.075	4.6515	-.01365	-.00151	-.00025	.0526	.32705	1.1817
#3	33.150	4.7103	-.01394	-.00226	.00221	.0462	.33018	1.0099

Sample Name: K3190-09 Acquired: 6/10/2019 18:56:50 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.5542
%RSD 1055.7

#1 .74741
#2 -1.9418
#3 .75276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.1	49682.	5777.7	92.882	3919.3
Stddev	10.4	63.	47.5	1.073	2.8
%RSD	.30734	.12770	.82279	1.1548	.07140

#1	3401.1	49710.	5797.9	93.523	3918.3
#2	3384.5	49610.	5811.8	93.478	3922.4
#3	3381.8	49727.	5723.4	91.643	3917.1

Sample Name: K3190-11 Acquired: 6/10/2019 19:01:13 Type: Unk
Method: P4-ICP2(v3188) 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	-.00047	-.00031	.00271	.00651	-.00181	.00724	.09382
Stddev	.00214	.00110	.00068	.00224	.00018	.00740	.00028
%RSD	459.61	351.01	24.949	34.408	9.7511	102.22	.30028

#1	-.00224	-.00143	.00293	.00890	-.00173	.01430	.09391
#2	-.00107	.00076	.00325	.00615	-.00201	-.00046	.09405
#3	.00191	-.00027	.00195	.00447	-.00168	.00787	.09351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00192	45.238	-.00047	.01404	.01071	2.6531
Stddev	.00001	.00002	.070	.00028	.00016	.00037	.0128
%RSD	13.398	.80099	.15402	59.913	1.1574	3.4658	.48143

#1	.00006	.00193	45.229	-.00022	.01423	.01113	2.6552
#2	.00008	.00191	45.312	-.00041	.01395	.01050	2.6647
#3	.00008	.00190	45.173	-.00077	.01394	.01048	2.6394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4645	4.7710	-.00029	-.00062	87.286	-.00699	.02146
Stddev	.0050	.0745	.00030	.00040	.199	.00048	.00012
%RSD	.34012	1.5616	101.32	63.668	.22852	6.8196	.57986

#1	1.4621	4.7333	.00004	-.00069	87.308	-.00644	.02139
#2	1.4703	4.8568	-.00040	-.00098	87.473	-.00726	.02160
#3	1.4612	4.7228	-.00052	-.00020	87.076	-.00728	.02139

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8257	.00094	.06431	F 32.375	4.6375	-.01296	-.00119
Stddev	.0396	.00022	.01571	.150	.0329	.00083	.00132
%RSD	.58081	22.905	24.434	.46424	.71024	6.3737	110.87

#1	6.8708	.00090	.04964	32.451	4.5999	-.01352	.00011
#2	6.8098	.00117	.06241	32.471	4.6612	-.01201	-.00253
#3	6.7965	.00074	.08089	32.201	4.6514	-.01335	-.00115

Sample Name: K3190-11 Acquired: 6/10/2019 19:01:13 Type: Unk
 Method: P4-ICP2(v3188) 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	.00230	.0498	.32303	1.0603	F<.00000
Stddev	.00014	.0020	.00192	.1233	1.2626
%RSD	6.0295	4.099	.59566	11.628	113.11

#1	.00243	.0501	.32106	1.0268	-1.1324
#2	.00216	.0517	.32314	1.1969	.15441
#3	.00230	.0476	.32490	.95719	-2.3706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.6	49248.	5732.0	93.791	3921.1
Stddev	13.7	92.	24.9	1.339	9.6
%RSD	.40623	.18593	.43431	1.4280	.24534

#1	3364.6	49290.	5757.0	94.531	3912.5
#2	3391.4	49143.	5731.8	92.245	3919.4
#3	3382.9	49311.	5707.2	94.597	3931.5

Sample Name: K3249-02 Acquired: 6/10/2019 19:05:36 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB02-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	-.00074	-.00056	.00272	-.00028	-.01836	.00079	-.00014
Stddev	.00115	.00072	.00056	.00292	.00035	.00540	.00021	.00004
%RSD	35.333	97.370	100.13	107.53	125.57	29.407	27.107	29.792

#1	-.00456	-.00027	-.00067	.00049	-.00022	-.02124	.00055	-.00014
#2	-.00282	-.00158	.00005	.00603	.00004	-.02171	.00096	-.00009
#3	-.00238	-.00039	-.00106	.00163	-.00066	-.01213	.00086	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01261	.00115	-.00011	-.00097	.00079	.00014	.01934
Stddev	.00004	.00497	.00014	.00011	.00026	.00056	.00006	.02182
%RSD	83.818	39.440	12.190	97.055	27.281	70.154	47.083	112.80

#1	-.00008	.00698	.00103	-.00001	-.00073	.00034	.00020	.04368
#2	-.00003	.01441	.00111	-.00022	-.00125	.00141	.00007	.01284
#3	-.00001	.01643	.00130	-.00010	-.00092	.00062	.00015	.00152

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00031	7.8557	-.00012	.00976	.03885	-.00023	.00409
Stddev	.00047	.00023	.0271	.00037	.00006	.03189	.00008	.01043
%RSD	120.54	75.314	.34467	322.56	.56685	82.091	33.240	255.06

#1	-.00085	-.00042	7.8795	.00019	.00976	.07224	-.00027	-.00014
#2	-.00041	-.00004	7.8613	-.00053	.00971	.00870	-.00014	-.00356
#3	.00009	-.00047	7.8262	-.00001	.00982	.03562	-.00028	.01596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26872	.60642	-.00064	.00072	.00215	-.0008	-.00005	<.00000
Stddev	.00757	.00238	.00070	.00113	.00087	.0018	.00002	.08239
%RSD	2.8177	.39240	109.58	156.15	40.424	223.5	33.935	9.9786

#1	.27667	.60917	-.00011	.00189	.00316	.0012	-.00003	-.83591
#2	.26160	.60504	-.00144	-.00036	.00163	-.0023	-.00006	-.90240
#3	.26789	.60505	-.00038	.00063	.00167	-.0014	-.00006	-.73859

Sample Name: K3249-02 Acquired: 6/10/2019 19:05:36 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-EB02-2019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .40968
 Stddev 1.1913
 %RSD 290.80

#1 .54513
 #2 1.5275
 #3 -.84359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.5	53033.	5798.9	94.095	4334.7
Stddev	9.9	148.	18.9	2.046	17.8
%RSD	.27787	.27887	.32570	2.1742	.41081

#1	3568.4	52900.	5777.6	93.356	4317.1
#2	3582.3	53008.	5813.3	92.520	4334.3
#3	3587.7	53192.	5806.0	96.407	4352.7

Sample Name: K3249-04 Acquired: 6/10/2019 19:10:04 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	-.00112	.00363	.00493	-.00325	-.00763	.07477	-.00004
Stddev	.00216	.00067	.00125	.00342	.00149	.01410	.00036	.00002
%RSD	81.591	59.623	34.524	69.421	45.978	184.85	.48024	50.059
#1	-.00418	-.00098	.00508	.00098	-.00328	.00423	.07505	-.00004
#2	-.00018	-.00184	.00289	.00690	-.00472	-.00390	.07488	-.00006
#3	-.00360	-.00053	.00293	.00690	-.00174	-.02321	.07436	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	30.692	.08054	.00065	.00204	.42188	.01165	6.0965
Stddev	.00007	.160	.00032	.00030	.00031	.00180	.00010	.0374
%RSD	195.31	.52079	.40258	46.141	15.235	.42670	.83594	.61306
#1	-.00002	30.528	.08018	.00031	.00175	.41981	.01154	6.0578
#2	-.00012	30.700	.08066	.00078	.00237	.42269	.01171	6.0992
#3	.00002	30.848	.08079	.00086	.00201	.42313	.01170	6.1324
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04082	-.00101	34.623	.00040	.01239	7.2826	.00167	.08257
Stddev	.00009	.00019	.172	.00015	.00006	.0633	.00028	.00492
%RSD	.22861	18.518	.49734	38.759	.46766	.86919	16.666	5.9588
#1	.04084	-.00095	34.525	.00049	.01233	7.2181	.00170	.08788
#2	.04072	-.00086	34.822	.00048	.01240	7.3447	.00137	.07817
#3	.04091	-.00121	34.522	.00022	.01244	7.2850	.00193	.08167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.592	4.9807	-.00393	.00069	.00202	-.0018	.29821	<.00000
Stddev	.011	.0490	.00032	.00204	.00026	.0018	.00131	.27845
%RSD	.10848	.98340	8.0178	297.16	13.023	99.14	.43905	173.26
#1	10.587	4.9692	-.00360	.00069	.00216	.0002	.29764	-.18300
#2	10.605	4.9385	-.00398	-.00135	.00219	-.0031	.29729	.12821
#3	10.584	5.0344	-.00423	.00272	.00172	-.0024	.29971	-.42736

Sample Name: K3249-04 Acquired: 6/10/2019 19:10:04 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.42848
Stddev	.48616
%RSD	113.46

#1	.36801
#2	-.02462
#3	.94204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.6	51299.	5792.0	94.473	4146.1
Stddev	15.6	10.	36.5	1.523	10.9
%RSD	.44567	.01942	.62959	1.6122	.26171

#1	3498.6	51293.	5777.2	96.229	4133.8
#2	3492.9	51311.	5833.5	93.505	4149.9
#3	3522.4	51294.	5765.2	93.686	4154.5

Sample Name: CCV09 Acquired: 6/10/2019 19:14:28 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8549	4.9536	4.8143	4.9347	4.8913	9.5105	9.8343	.23793
Stddev	.0056	.0025	.0082	.0148	.0170	.0756	.0672	.00073
%RSD	.11448	.04999	.17009	.30027	.34785	.79482	.68372	.30764
#1	4.8590	4.9559	4.8237	4.9515	4.9110	9.4296	9.7752	.23751
#2	4.8570	4.9538	4.8108	4.9296	4.8811	9.5794	9.8202	.23752
#3	4.8486	4.9510	4.8085	4.9232	4.8819	9.5225	9.9074	.23878
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4179	26.077	.98385	2.4079	1.2061	4.8205	2.4369	22.905
Stddev	.0029	.087	.00371	.0022	.0031	.0074	.0020	.125
%RSD	.12213	.33452	.37684	.09253	.25255	.15368	.08194	.54634
#1	2.4210	26.031	.98441	2.4096	1.2089	4.8120	2.4383	22.810
#2	2.4151	26.177	.97989	2.4086	1.2029	4.8239	2.4378	22.858
#3	2.4177	26.022	.98724	2.4054	1.2066	4.8255	2.4346	23.047
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4120	1.2209	24.498	2.6208	2.3942	24.346	4.8603	F 4.4634
Stddev	.0022	.0007	.153	.0024	.0035	.121	.0104	.0055
%RSD	.09209	.05997	.62470	.09174	.14667	.49806	.21305	.12408
#1	2.4139	1.2204	24.350	2.6232	2.3977	24.310	4.8710	4.4575
#2	2.4125	1.2217	24.488	2.6184	2.3940	24.246	4.8596	4.4641
#3	2.4095	1.2205	24.655	2.6209	2.3907	24.481	4.8503	4.4685
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8737	4.9358	4.8890	4.7945	4.9217	5.196	4.9192	F 1.4104
Stddev	.0169	.0061	.0032	.0208	.0187	.008	.0184	.3125
%RSD	.34757	.12379	.06589	.43352	.37952	.1535	.37391	22.153
#1	4.8625	4.9428	4.8853	4.7949	4.9009	5.191	4.9006	1.5161
#2	4.8654	4.9327	4.8909	4.8151	4.9372	5.191	4.9198	1.6563
#3	4.8932	4.9318	4.8908	4.7735	4.9268	5.205	4.9373	1.0588

Sample Name: CCV09 Acquired: 6/10/2019 19:14:28 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15092 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.3006
Stddev	1.7827
%RSD	41.451

#1	5.1931
#2	2.2480
#3	5.4607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.4	48947.	5581.0	87.174	3766.7
Stddev	11.4	51.	17.6	.124	5.7
%RSD	.33800	.10481	.31565	.14241	.15133

#1	3362.7	49003.	5579.1	87.124	3761.5
#2	3374.9	48903.	5564.4	87.316	3765.9
#3	3385.5	48935.	5599.5	87.083	3772.8

Sample Name: CCB09 Acquired: 6/10/2019 19:18:27 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	.00155	.00028	.00076	-.00136	-.01323	.00150
Stddev	.00183	.00052	.00035	.00109	.00178	.00951	.00067
%RSD	419.05	33.634	125.73	143.92	131.46	71.893	44.731

#1	-.00221	.00095	-.00009	-.00004	-.00231	-.02401	.00227
#2	.00144	.00192	.00061	.00032	.00070	-.00599	.00107
#3	-.00054	.00176	.00032	.00200	-.00246	-.00971	.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00008	-.00327	.00004	-.00004	-.00125	-.00147
Stddev	.00005	.00014	.00449	.00019	.00010	.00008	.00049
%RSD	48.808	176.27	137.17	459.05	221.75	6.4845	33.107

#1	-.00005	-.00008	.00086	-.00001	-.00002	-.00134	-.00202
#2	-.00015	.00017	-.00805	-.00012	-.00015	-.00118	-.00111
#3	-.00010	.00015	-.00262	.00026	.00004	-.00124	-.00127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.03364	-.00069	-.00036	F .56343	.00043	-.00026
Stddev	.00007	.01048	.00047	.00017	.00635	.00035	.00006
%RSD	41.435	31.139	68.723	46.533	1.1271	81.473	23.011

#1	-.00012	.04503	-.00109	-.00017	.56309	.00033	-.00020
#2	-.00012	.02442	-.00017	-.00044	.55726	.00082	-.00032
#3	-.00023	.03148	-.00081	-.00046	.56994	.00014	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00549	-.00014	-.00092	-.00127	-.00181	.00014	-.00015
Stddev	.02113	.00006	.00653	.00027	.00182	.00061	.00141
%RSD	385.05	43.999	712.95	21.067	100.53	423.02	950.40

#1	-.01085	-.00007	-.00746	-.00130	-.00389	.00007	-.00176
#2	-.00204	-.00020	-.00089	-.00099	-.00099	-.00042	.00048
#3	.02935	-.00015	.00560	-.00152	-.00054	.00079	.00084

Sample Name: CCB09 Acquired: 6/10/2019 19:18:27 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15092 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.0023	.00001	F<.00000	F .29153
Stddev	.00036	.0010	.00018	.20711	.94138
%RSD	76.496	41.38	1451.4	258.15	322.91

#1	.00071	-.0032	.00022	-.10768	-.10784
#2	.00006	-.0013	-.00010	.13924	1.3668
#3	.00065	-.0025	-.00009	-.27225	-.38433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.6	51387.	5645.3	93.325	4213.6
Stddev	11.1	137.	17.2	.351	3.1
%RSD	.31284	.26622	.30480	.37641	.07335

#1	3539.0	51231.	5663.1	93.067	4216.4
#2	3525.9	51447.	5644.2	93.725	4214.0
#3	3547.9	51484.	5628.7	93.183	4210.3

Sample Name: K3249-04DUP Acquired: 6/10/2019 19:22:56 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00034	.00342	.00228	-.00154	-.00054	.07439	-.00009
Stddev	.00105	.00025	.00046	.00235	.00092	.00293	.00059	.00004
%RSD	398.73	72.488	13.324	103.35	60.055	540.28	.79980	45.323
#1	-.00092	.00053	.00389	.00298	-.00221	-.00391	.07383	-.00010
#2	.00065	.00006	.00337	.00420	-.00192	.00093	.07433	-.00005
#3	.00106	.00043	.00299	-.00035	-.00048	.00136	.07501	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	30.778	.08157	.00071	.00164	.42376	.01178	6.1255
Stddev	.00005	.117	.00069	.00015	.00020	.00187	.00006	.0925
%RSD	127.11	.38071	.85141	21.797	11.910	.44117	.47209	1.5092
#1	-.00003	30.642	.08089	.00080	.00149	.42167	.01179	6.0190
#2	.00001	30.848	.08156	.00053	.00186	.42529	.01183	6.1731
#3	-.00009	30.843	.08228	.00079	.00157	.42431	.01172	6.1845
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04126	-.00070	34.434	.00085	.01175	7.2829	.00199	.09072
Stddev	.00016	.00047	.143	.00024	.00002	.0500	.00042	.00894
%RSD	.39211	66.433	.41489	28.110	.18144	.68678	21.041	9.8528
#1	.04132	-.00103	34.507	.00059	.01177	7.2861	.00246	.08105
#2	.04108	-.00017	34.269	.00105	.01175	7.2313	.00165	.09244
#3	.04138	-.00091	34.526	.00090	.01173	7.3312	.00186	.09867
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.683	4.9431	-.00386	.00045	.00354	-.0045	.29643	.23517
Stddev	.039	.0286	.00085	.00224	.00079	.0006	.00073	.28000
%RSD	.36319	.57789	22.107	497.32	22.392	14.10	.24610	119.06
#1	10.720	4.9158	-.00480	-.00021	.00444	-.0041	.29579	.52724
#2	10.643	4.9728	-.00365	.00295	.00321	-.0043	.29722	.20921
#3	10.688	4.9406	-.00313	-.00138	.00296	-.0053	.29629	-.03094

Sample Name: K3249-04DUP Acquired: 6/10/2019 19:22:56 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0433
%RSD	116.96

#1	-1.2920
#2	-1.6763
#3	.29209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.5	51753.	5831.9	94.427	4173.6
Stddev	26.6	120.	22.8	1.337	13.5
%RSD	.75456	.23226	.39106	1.4158	.32377

#1	3500.3	51640.	5826.2	95.447	4158.2
#2	3531.9	51879.	5812.5	94.920	4178.6
#3	3553.2	51741.	5857.0	92.914	4183.8

Sample Name: K3249-04LX5 Acquired: 6/10/2019 19:27:21 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	.00182	-.00031	.00299	-.00093	-.01588	.01615	-.00011
Stddev	.00126	.00065	.00010	.00071	.00030	.00617	.00065	.00004
%RSD	180.82	35.692	32.645	23.643	32.462	38.880	3.9932	37.765

#1	-.00164	.00201	-.00029	.00380	-.00125	-.00879	.01684	-.00012
#2	.00073	.00110	-.00023	.00265	-.00065	-.02011	.01556	-.00006
#3	-.00118	.00236	-.00042	.00251	-.00090	-.01873	.01606	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	6.4907	.01777	.00009	-.00017	.09181	.00255	1.3516
Stddev	.00005	.0394	.00030	.00019	.00042	.00082	.00005	.0436
%RSD	267.68	.60727	1.6869	209.81	248.13	.89847	1.9103	3.2261

#1	-.00002	6.4499	.01751	-.00011	-.00060	.09261	.00258	1.3802
#2	-.00006	6.4939	.01771	.00011	-.00015	.09097	.00257	1.3014
#3	.00003	6.5285	.01810	.00028	.00024	.09186	.00249	1.3732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	-.00055	7.6331	.00008	.00368	1.4854	.00009	.01009
Stddev	.00021	.00103	.0162	.00025	.00003	.0228	.00007	.01487
%RSD	2.4062	185.35	.21219	306.00	.81217	1.5378	75.390	147.41

#1	.00854	-.00024	7.6198	.00033	.00371	1.4672	.00002	.00048
#2	.00832	-.00170	7.6511	.00009	.00366	1.4779	.00015	.00257
#3	.00873	.00028	7.6284	-.00017	.00367	1.5110	.00009	.02721

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2513	1.0921	-.00194	.00024	.00212	-.0035	.06340	.41034
Stddev	.0067	.0069	.00074	.00041	.00060	.0014	.00020	.29357
%RSD	.29807	.63410	38.275	171.47	28.359	39.41	.31016	71.544

#1	2.2561	1.0985	-.00211	.00025	.00217	-.0021	.06357	.10664
#2	2.2541	1.0931	-.00257	.00065	.00270	-.0048	.06344	.43177
#3	2.2436	1.0847	-.00112	-.00018	.00150	-.0035	.06318	.69260

Sample Name: K3249-04LX5 Acquired: 6/10/2019 19:27:21 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .20737
Stddev .87963
%RSD 424.18

#1 .09582
#2 1.1374
#3 -.61116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.2	50768.	5613.5	92.729	4172.0
Stddev	20.2	107.	27.6	1.389	9.6
%RSD	.57992	.21092	.49149	1.4981	.22970

#1	3457.2	50667.	5588.9	94.325	4163.3
#2	3474.1	50756.	5608.2	91.790	4170.4
#3	3497.4	50880.	5643.3	92.072	4182.3

Sample Name: K3249-04MS Acquired: 6/10/2019 19:31:48 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	.74503	1.8869	.91007	1.8818	.75814	1.8684	.26578	.18272	.18309
Stddev	.00598	.0124	.00521	.0052	.00304	.0116	.00123	.00039	.00050
%RSD	.80243	.65567	.57196	.27769	.40121	.62160	.46145	.21388	.27468

#1	.74117	1.8970	.91406	1.8803	.75476	1.8619	.26520	.18240	.18334
#2	.75192	1.8907	.91196	1.8876	.76065	1.8615	.26495	.18261	.18342
#3	.74202	1.8731	.90418	1.8774	.75901	1.8818	.26719	.18316	.18251

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.990	.52632	.19092	.29446	3.4522	.21042	7.1389	.52648	.06784
Stddev	.213	.00233	.00054	.00097	.0071	.00075	.0954	.00215	.00119
%RSD	.76225	.44340	.28461	.32911	.20555	.35452	1.3358	.40932	1.7512

#1	27.763	.52363	.19142	.29350	3.4567	.21125	7.1487	.52845	.06664
#2	28.022	.52776	.19099	.29544	3.4560	.21018	7.0390	.52680	.06902
#3	28.186	.52758	.19034	.29444	3.4441	.20982	7.2290	.52418	.06788

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	32.917	.30617	.19248	15.985	.40081	.34816	9.2920	5.1336	.65888
Stddev	.126	.00069	.00072	.052	.00190	.03203	.0231	.0307	.00428
%RSD	.38311	.22608	.37172	.32802	.47460	9.2004	.24878	.59735	.65022

#1	32.853	.30589	.19330	15.925	.39870	.31505	9.3157	5.1068	.65912
#2	32.836	.30567	.19216	16.009	.40238	.37900	9.2906	5.1671	.66304
#3	33.062	.30696	.19198	16.022	.40136	.35044	9.2696	5.1270	.65448

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19433	.20707	5.854	.45728	.53205	7.9786
Stddev	.00145	.00313	.020	.00403	.12208	.6777
%RSD	.74555	1.5094	.3391	.88179	22.945	8.4937

#1	.19410	.20418	5.873	.45310	.44065	8.5644
#2	.19301	.20665	5.855	.46114	.67069	7.2364
#3	.19588	.21039	5.833	.45760	.48481	8.1350

Sample Name: K3249-04MS Acquired: 6/10/2019 19:31:48 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	3485.1	50987.	5740.3	94.725	4082.0
Stddev	3.8	63.	28.8	1.651	18.7
%RSD	.10963	.12450	.50199	1.7433	.45763
#1	3487.4	50919.	5753.9	96.516	4061.2
#2	3480.6	51045.	5707.2	94.397	4087.2
#3	3487.2	50997.	5759.8	93.262	4097.4

Sample Name: K3249-04MSD Acquired: 6/10/2019 19:35:55 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	.74489	1.8893	.91208	1.8862	.76003	1.8894	.26640	.18256	.18304
Stddev	.00621	.0102	.00400	.0076	.00420	.0240	.00086	.00064	.00051
%RSD	.83377	.53988	.43867	.40023	.55273	1.2714	.32154	.34948	.27969
#1	.73820	1.8790	.90796	1.8775	.75572	1.8662	.26545	.18258	.18249
#2	.74599	1.8896	.91233	1.8902	.76026	1.9142	.26711	.18319	.18312
#3	.75048	1.8994	.91595	1.8908	.76411	1.8879	.26665	.18192	.18351
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.971	.53003	.19123	.29559	3.4596	.21050	7.1041	.52770	.06750
Stddev	.259	.00160	.00017	.00163	.0061	.00034	.0296	.00145	.00027
%RSD	.92477	.30197	.09032	.55243	.17505	.15918	.41649	.27449	.39620
#1	27.691	.52893	.19107	.29371	3.4664	.21074	7.0806	.52606	.06757
#2	28.021	.53187	.19121	.29645	3.4574	.21065	7.1373	.52827	.06772
#3	28.201	.52930	.19142	.29661	3.4549	.21012	7.0943	.52878	.06720
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	32.855	.30702	.19241	15.904	.40323	.34542	9.3149	5.1230	.66169
Stddev	.139	.00091	.00040	.091	.00338	.00596	.0223	.0203	.00082
%RSD	.42159	.29617	.20958	.57279	.83810	1.7257	.23950	.39572	.12329
#1	32.719	.30645	.19201	15.807	.39933	.34873	9.2943	5.0996	.66077
#2	32.996	.30807	.19282	15.918	.40496	.33854	9.3118	5.1337	.66232
#3	32.851	.30653	.19241	15.987	.40539	.34899	9.3386	5.1357	.66197
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19387	.20853	5.881	.45686	.40658	6.7189			
Stddev	.00374	.00230	.015	.00322	.21697	.3983			
%RSD	1.9308	1.1025	.2532	.70485	53.364	5.9289			
#1	.18999	.20756	5.870	.45328	.15992	6.4329			
#2	.19416	.20688	5.875	.45954	.49191	7.1739			
#3	.19746	.21116	5.898	.45775	.56792	6.5498			

Sample Name: K3249-04MSD Acquired: 6/10/2019 19:35:55 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	3473.1	51020.	5749.2	95.105	4077.9
Stddev	6.5	101.	11.8	2.281	10.9
%RSD	.18805	.19838	.20538	2.3989	.26624
#1	3479.7	50955.	5762.7	93.698	4065.6
#2	3472.9	50968.	5741.1	93.879	4086.2
#3	3466.6	51136.	5743.6	97.737	4081.8

Sample Name: K3249-04A Acquired: 6/10/2019 19:40:01 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74428	1.8814	.91022	1.8782	.75909	1.8715	.26474	.18196	.18282
Stddev	.00321	.0009	.00285	.0136	.00183	.0236	.00231	.00014	.00018
%RSD	.43132	.04849	.31339	.72344	.24081	1.2632	.87191	.07562	.09918
#1	.74071	1.8825	.90992	1.8631	.75708	1.8486	.26224	.18181	.18270
#2	.74520	1.8809	.90753	1.8819	.76066	1.8699	.26678	.18199	.18272
#3	.74693	1.8810	.91321	1.8895	.75953	1.8959	.26521	.18208	.18303
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.955	.52678	.19025	.29379	3.4628	.21041	7.0801	.52593	.06797
Stddev	.210	.00105	.00026	.00118	.0047	.00056	.1513	.00070	.00057
%RSD	.75038	.20002	.13762	.40083	.13679	.26495	2.1368	.13399	.83560
#1	27.733	.52655	.19038	.29246	3.4647	.21072	6.9376	.52539	.06742
#2	27.983	.52792	.18995	.29422	3.4575	.20977	7.2388	.52568	.06856
#3	28.149	.52585	.19043	.29469	3.4664	.21075	7.0637	.52673	.06794
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	32.753	.30527	.19254	15.895	.40055	.35707	9.3049	5.1343	.66032
Stddev	.134	.00098	.00036	.118	.00165	.00864	.0071	.0292	.00192
%RSD	.40780	.32194	.18892	.74363	.41220	2.4204	.07586	.56835	.29142
#1	32.608	.30613	.19258	15.767	.39866	.35168	9.2993	5.1612	.66243
#2	32.782	.30549	.19215	15.918	.40127	.35251	9.3128	5.1033	.65984
#3	32.870	.30420	.19287	16.000	.40172	.36704	9.3026	5.1386	.65867
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19322	.20696	5.853	.45744	.49522	6.9745			
Stddev	.00285	.00157	.011	.00277	.08665	.5487			
%RSD	1.4726	.76028	.1794	.60492	17.498	7.8670			
#1	.19116	.20802	5.861	.45587	.56398	7.2393			
#2	.19202	.20516	5.841	.45582	.52380	6.3436			
#3	.19646	.20771	5.856	.46064	.39789	7.3405			

Sample Name: K3249-04A Acquired: 6/10/2019 19:40:01 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW 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	3476.9	51069.	5737.2	94.648	4076.4
Stddev	8.6	148.	31.3	1.251	4.9
%RSD	.24684	.29024	.54623	1.3215	.12106
#1	3486.7	50901.	5711.3	94.302	4070.7
#2	3470.7	51124.	5772.0	96.035	4079.6
#3	3473.3	51182.	5728.3	93.606	4078.8

Sample Name: K3249-05 Acquired: 6/10/2019 19:44:06 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	-.00079	.00568	.00242	-.00120	.00185	.12225	.00001
Stddev	.00131	.00134	.00106	.00398	.00059	.01280	.00054	.00002
%RSD	274.62	170.07	18.619	164.78	49.412	690.87	.44428	157.40
#1	-.00157	.00055	.00679	-.00045	-.00152	.01633	.12241	.00000
#2	.00097	-.00214	.00468	.00697	-.00156	-.00793	.12164	.00000
#3	-.00082	-.00078	.00557	.00073	-.00051	-.00285	.12269	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	41.864	.00161	.00035	.00142	.00570	.03648	14.770
Stddev	.00006	.387	.00028	.00016	.00026	.00045	.00002	.178
%RSD	111.39	.92352	17.396	46.703	18.487	7.9330	.06648	1.2022
#1	.00001	41.461	.00193	.00016	.00159	.00578	.03651	14.738
#2	.00002	41.901	.00144	.00045	.00112	.00521	.03648	14.611
#3	.00012	42.231	.00146	.00044	.00156	.00610	.03646	14.962
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00063	51.878	.00065	.01437	3.0499	-.00043	.06025
Stddev	.00038	.00022	.066	.00038	.00005	.0083	.00007	.00940
%RSD	25.973	35.858	.12719	58.360	.35402	.27334	17.036	15.596
#1	.00182	-.00042	51.935	.00021	.01432	3.0405	-.00051	.07057
#2	.00106	-.00060	51.894	.00086	.01442	3.0525	-.00041	.05798
#3	.00153	-.00086	51.806	.00087	.01436	3.0566	-.00037	.05219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.311	8.6656	-.00860	-.00106	.00643	-.0033	.50087	.36881
Stddev	.027	.0843	.00112	.00109	.00021	.0019	.00428	.13661
%RSD	.12779	.97219	13.031	102.24	3.3288	57.46	.85512	37.040
#1	21.303	8.5857	-.00983	-.00008	.00644	-.0016	.49629	.21712
#2	21.341	8.6574	-.00763	-.00089	.00663	-.0030	.50157	.48211
#3	21.289	8.7536	-.00834	-.00223	.00621	-.0053	.50477	.40721

Sample Name: K3249-05 Acquired: 6/10/2019 19:44:06 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .50895
 %RSD 74.158

#1 -.15315
 #2 -.73880
 #3 -1.1670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.5	50411.	5763.4	94.107	4017.5
Stddev	27.6	196.	27.9	.698	4.2
%RSD	.79850	.38920	.48381	.74220	.10535

#1	3429.6	50198.	5788.8	94.492	4018.0
#2	3469.3	50449.	5767.8	93.301	4013.1
#3	3482.7	50585.	5733.6	94.529	4021.5

Sample Name: K3249-06 Acquired: 6/10/2019 19:48:30 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	.00024	.00523	.00397	-.00233	.06202	.13571
Stddev	.00117	.00139	.00106	.00202	.00130	.00233	.00227
%RSD	48.283	585.91	20.162	50.793	55.990	3.7511	1.6740

#1	-.00199	-.00067	.00415	.00459	-.00239	.05941	.13315
#2	-.00152	.00184	.00626	.00560	-.00099	.06389	.13746
#3	-.00373	-.00045	.00529	.00172	-.00360	.06275	.13654

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00010	27.292	.00290	.00050	.00071	.03198
Stddev	.00006	.00005	.180	.00025	.00019	.00006	.00066
%RSD	199.75	47.566	.65950	8.6966	38.548	7.8245	2.0778

#1	.00002	.00009	27.085	.00315	.00038	.00077	.03122
#2	-.00002	.00015	27.378	.00291	.00073	.00068	.03231
#3	-.00009	.00006	27.412	.00265	.00040	.00067	.03242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02186	9.0621	.00082	-.00043	36.435	.00078	.01741
Stddev	.00014	.0955	.00029	.00055	.340	.00043	.00003
%RSD	.63566	1.0541	34.989	129.55	.93337	54.424	.18252

#1	.02202	9.0085	.00065	.00021	36.066	.00057	.01738
#2	.02178	9.1724	.00115	-.00076	36.502	.00051	.01742
#3	.02178	9.0053	.00065	-.00073	36.736	.00128	.01744

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2801	-.00038	.02949	F 14.590	9.5493	-.00557	.00141
Stddev	.0277	.00018	.00437	.049	.0944	.00073	.00042
%RSD	1.2151	47.360	14.802	.33880	.98857	13.042	30.077

#1	2.2626	-.00035	.02652	14.535	9.6573	-.00560	.00150
#2	2.3121	-.00057	.02745	14.631	9.4826	-.00628	.00094
#3	2.2657	-.00021	.03450	14.605	9.5080	-.00483	.00178

Sample Name: K3249-06 Acquired: 6/10/2019 19:48:30 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00389	-.0021	.35149	.11356	F<.00000
Stddev	.00152	.0001	.00117	.24570	.24948
%RSD	39.102	5.895	.33423	216.35	22.118

#1	.00492	-.0019	.35081	.28607	-.85971
#2	.00214	-.0022	.35080	.22237	-1.3531
#3	.00461	-.0021	.35284	-.16775	-1.1711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3488.6	51092.	5766.5	94.237	4122.4
Stddev	3.4	91.	51.7	2.072	1.7
%RSD	.09726	.17826	.89609	2.1984	.04156

#1	3490.0	50996.	5707.0	92.016	4124.4
#2	3484.7	51101.	5792.4	94.578	4121.6
#3	3491.1	51177.	5800.1	96.117	4121.3

Sample Name: K3249-08 Acquired: 6/10/2019 19:52:54 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	.00036	.00347	.00219	-.00089	-.00462	.04604
Stddev	.00160	.00052	.00041	.00095	.00074	.00732	.00025
%RSD	49.186	147.02	11.951	43.169	83.205	158.40	.54086

#1	-.00441	-.00019	.00308	.00222	-.00163	-.01193	.04587
#2	-.00391	.00086	.00390	.00312	-.00015	.00271	.04632
#3	-.00143	.00040	.00343	.00123	-.00089	-.00465	.04592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00004	13.314	.00081	.00032	.00079	.01400
Stddev	.00009	.00002	.075	.00021	.00012	.00039	.00015
%RSD	98.475	59.078	.56595	25.725	37.022	49.713	1.0968

#1	-.00000	-.00002	13.238	.00057	.00045	.00101	.01389
#2	-.00009	-.00003	13.388	.00093	.00022	.00034	.01418
#3	-.00018	-.00006	13.318	.00092	.00029	.00101	.01394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01413	4.1615	.00061	-.00028	44.395	.00035	.01068
Stddev	.00005	.0234	.00041	.00011	.201	.00042	.00007
%RSD	.34604	.56357	67.436	40.118	.45228	119.50	.68547

#1	.01408	4.1492	.00108	-.00034	44.257	.00041	.01069
#2	.01412	4.1467	.00043	-.00015	44.303	.00075	.01061
#3	.01418	4.1885	.00032	-.00035	44.625	-.00009	.01075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1657	-.00036	.03014	F 10.373	8.5582	-.00422	.00254
Stddev	.0257	.00062	.00316	.050	.0359	.00053	.00180
%RSD	1.1858	169.42	10.477	.48209	.41913	12.488	70.650

#1	2.1710	-.00022	.03029	10.425	8.5568	-.00469	.00232
#2	2.1882	-.00104	.02690	10.326	8.5231	-.00365	.00087
#3	2.1377	.00017	.03321	10.367	8.5948	-.00430	.00444

Sample Name: K3249-08 Acquired: 6/10/2019 19:52:54 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00317	.0028	.10554	.25007	F<.00000
Stddev	.00257	.0005	.00060	.10804	.91906
%RSD	80.887	19.09	.56987	43.204	41.553

#1	.00430	.0033	.10488	.29390	-1.9679
#2	.00498	.0029	.10569	.32931	-1.4393
#3	.00024	.0022	.10605	.12700	-3.2282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.1	50708.	5708.6	94.459	4141.7
Stddev	6.0	91.	23.2	1.158	7.5
%RSD	.17249	.17886	.40628	1.2263	.18082

#1	3484.0	50613.	5690.4	94.582	4142.5
#2	3474.6	50794.	5734.7	95.551	4148.7
#3	3472.8	50716.	5700.7	93.244	4133.8

Sample Name: K3249-09 Acquired: 6/10/2019 19:57:19 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP03-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00003	.00537	.00103	-.00109	.08103	.13557
Stddev	.00267	.00192	.00104	.00359	.00102	.00855	.00069
%RSD	160.25	6644.1	19.411	347.98	93.892	10.552	.50831

#1	-.00244	.00169	.00449	.00021	-.00209	.08219	.13485
#2	.00131	.00033	.00652	-.00207	-.00005	.08894	.13622
#3	-.00387	-.00210	.00509	.00496	-.00112	.07196	.13564

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00008	28.385	.00263	.00048	.00136	.07023
Stddev	.00005	.00005	.280	.00009	.00027	.00013	.00041
%RSD	216.62	56.457	.98697	3.5428	56.367	9.4155	.58721

#1	-.00008	.00014	28.067	.00272	.00058	.00127	.06983
#2	.00002	.00006	28.491	.00263	.00067	.00130	.07021
#3	-.00002	.00006	28.596	.00253	.00017	.00150	.07065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02364	9.1917	.00079	-.00077	36.405	.00043	.01666
Stddev	.00016	.0417	.00040	.00042	.072	.00027	.00087
%RSD	.69582	.45366	50.431	54.082	.19655	63.074	5.2397

#1	.02348	9.1490	.00059	-.00118	36.388	.00028	.01765
#2	.02381	9.2323	.00125	-.00080	36.344	.00027	.01600
#3	.02364	9.1938	.00053	-.00035	36.484	.00075	.01633

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2744	-.00034	.01368	F 14.583	9.7325	-.00599	.00349
Stddev	.0102	.00015	.00840	.095	.0527	.00045	.00036
%RSD	.44803	42.787	61.423	.65231	.54166	7.4841	10.183

#1	2.2827	-.00047	.00476	14.495	9.6825	-.00577	.00320
#2	2.2776	-.00018	.01483	14.570	9.7876	-.00570	.00339
#3	2.2631	-.00039	.02145	14.684	9.7275	-.00651	.00389

Sample Name: K3249-09 Acquired: 6/10/2019 19:57:19 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP03-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.0019	.35746	.24958	F<.00000
Stddev	.00182	.0015	.00267	.20424	1.2307
%RSD	83.335	78.17	.74565	81.831	69.721

#1	.00242	.0002	.35439	.43852	-1.1928
#2	.00025	.0025	.35919	.03289	-.92491
#3	.00386	.0030	.35880	.27734	-3.1778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.3	50582.	5655.7	92.510	4078.0
Stddev	12.9	62.	21.5	2.305	4.8
%RSD	.37350	.12199	.38022	2.4922	.11716

#1	3451.0	50512.	5678.2	94.670	4079.9
#2	3462.0	50606.	5635.3	90.082	4081.5
#3	3476.8	50628.	5653.6	92.778	4072.6

Sample Name: K3249-11 Acquired: 6/10/2019 20:01:44 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	-.00033	.00332	.00217	-.00062	.00732	.02436
Stddev	.00111	.00040	.00018	.00195	.00105	.01331	.00060
%RSD	58.656	119.95	5.2751	89.699	168.46	181.91	2.4761

#1	-.00097	-.00075	.00343	.00380	-.00011	.01848	.02386
#2	-.00313	-.00030	.00312	.00001	-.00183	.01088	.02419
#3	-.00159	.00005	.00342	.00270	.00007	-.00741	.02503

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00006	6.7599	.00103	.00074	-.00052	.00841
Stddev	.00004	.00011	.0710	.00018	.00006	.00007	.00026
%RSD	53.509	197.96	1.0498	17.102	8.7762	13.077	3.1172

#1	-.00007	-.00017	6.6810	.00090	.00080	-.00048	.00839
#2	-.00004	-.00006	6.7802	.00123	.00074	-.00060	.00816
#3	-.00013	.00006	6.8185	.00097	.00067	-.00048	.00868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00747	2.2739	.00061	-.00005	47.588	-.00019	.01472
Stddev	.00004	.0340	.00027	.00038	.558	.00013	.00004
%RSD	.55513	1.4928	43.782	707.37	1.1716	67.222	.29549

#1	.00748	2.3130	.00092	-.00045	46.945	-.00005	.01473
#2	.00751	2.2562	.00041	.00030	47.902	-.00021	.01476
#3	.00742	2.2524	.00052	-.00001	47.918	-.00031	.01467

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6284	-.00052	.04172	3.6569	7.0953	-.00187	.00061
Stddev	.0415	.00022	.01021	.0084	.0417	.00084	.00058
%RSD	2.5455	41.866	24.467	.22888	.58792	44.751	94.691

#1	1.5815	-.00075	.03004	3.6649	7.1426	-.00181	.00034
#2	1.6602	-.00031	.04621	3.6576	7.0797	-.00274	.00022
#3	1.6435	-.00051	.04892	3.6482	7.0636	-.00107	.00128

Sample Name: K3249-11 Acquired: 6/10/2019 20:01:44 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.0008	.04410	.28405	F<.00000
Stddev	.00159	.0015	.00042	.10318	.56834
%RSD	76.629	180.6	.94212	36.326	44.238

#1	.00284	.0006	.04363	.22154	-1.8269
#2	.00025	-.0007	.04428	.22747	-.69345
#3	.00314	-.0024	.04440	.40315	-1.3337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.1	50082.	5655.2	94.105	4116.3
Stddev	13.8	100.	32.7	.856	3.6
%RSD	.40004	.19959	.57787	.91014	.08852

#1	3451.9	50044.	5617.5	94.431	4112.4
#2	3477.0	50007.	5672.7	93.134	4116.9
#3	3454.4	50196.	5675.4	94.751	4119.6

Sample Name: CCV10 Acquired: 6/10/2019 20:06:09 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8298 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8055	4.9347	4.7942	4.8655	4.8339	9.5303	9.8352	.23907
Stddev	.0081	.0123	.0025	.0092	.0081	.0359	.0407	.00035
%RSD	.16866	.24844	.05210	.18873	.16860	.37645	.41403	.14494
#1	4.8147	4.9377	4.7957	4.8726	4.8372	9.4943	9.8019	.23868
#2	4.8022	4.9451	4.7956	4.8687	4.8400	9.5304	9.8232	.23934
#3	4.7995	4.9212	4.7913	4.8551	4.8247	9.5661	9.8806	.23919
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4162	26.259	.99418	2.4032	1.1965	4.8284	2.4487	22.967
Stddev	.0056	.031	.00235	.0043	.0060	.0060	.0024	.159
%RSD	.23274	.11960	.23605	.17840	.49764	.12386	.09693	.69032
#1	2.4211	26.224	.99211	2.4050	1.2029	4.8227	2.4463	22.884
#2	2.4174	26.285	.99371	2.4062	1.1955	4.8278	2.4511	23.150
#3	2.4100	26.267	.99673	2.3983	1.1911	4.8346	2.4487	22.868
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4027	1.2268	24.764	2.6322	2.3838	24.308	4.8210	F 4.4844
Stddev	.0046	.0005	.071	.0033	.0056	.094	.0074	.0304
%RSD	.19041	.04255	.28787	.12379	.23517	.38622	.15297	.67807
#1	2.4062	1.2267	24.687	2.6322	2.3900	24.210	4.8252	4.4494
#2	2.4045	1.2274	24.775	2.6355	2.3826	24.319	4.8253	4.5046
#3	2.3976	1.2264	24.828	2.6289	2.3789	24.396	4.8125	4.4992
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8320	4.9473	4.8946	4.8141	4.9647	5.181	4.9366	F 1.6510
Stddev	.0136	.0304	.0218	.0098	.0333	.007	.0248	.1440
%RSD	.28062	.61449	.44566	.20276	.66979	.1303	.50319	8.7216
#1	4.8459	4.9681	4.8942	4.8028	4.9893	5.186	4.9339	1.5752
#2	4.8312	4.9124	4.9166	4.8204	4.9269	5.183	4.9133	1.8170
#3	4.8188	4.9613	4.8730	4.8190	4.9780	5.173	4.9627	1.5607

Sample Name: CCV10 Acquired: 6/10/2019 20:06:09 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8298 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5331
Stddev	1.3193
%RSD	52.083

#1	3.9636
#2	1.3641
#3	2.2717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.0	48338.	5495.1	87.477	3751.9
Stddev	8.0	124.	33.3	1.371	6.5
%RSD	.23742	.25696	.60579	1.5671	.17300

#1	3363.6	48194.	5458.4	88.931	3744.6
#2	3379.6	48407.	5523.4	87.291	3756.9
#3	3372.7	48412.	5503.5	86.208	3754.1

Sample Name: CCB10 Acquired: 6/10/2019 20:10:08 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8298 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00172	-.00053	.00009	-.00138	-.01154	.00113
Stddev	.00136	.00134	.00062	.00187	.00179	.00437	.00021
%RSD	383.90	78.050	118.12	2066.6	129.80	37.816	18.182

#1	-.00162	.00295	.00013	.00083	.00045	-.01071	.00095
#2	-.00052	.00192	-.00112	-.00204	-.00146	-.00766	.00108
#3	.00108	.00029	-.00059	.00148	-.00312	-.01627	.00136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00003	-.00166	-.00004	.00003	-.00075	-.00189
Stddev	.00004	.00006	.00568	.00021	.00018	.00048	.00036
%RSD	45.361	174.89	342.73	504.38	567.40	64.447	18.843

#1	-.00007	-.00002	.00460	-.00027	.00002	-.00043	-.00160
#2	-.00012	.00009	-.00309	-.00001	-.00014	-.00051	-.00177
#3	-.00005	.00003	-.00648	.00015	.00022	-.00130	-.00229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00914	-.00030	-.00043	.41743	.00009	-.00024
Stddev	.00010	.04528	.00003	.00010	.01147	.00044	.00003
%RSD	69.558	495.59	9.9562	24.177	2.7468	475.26	14.446

#1	-.00006	-.01406	-.00033	-.00033	.41990	.00024	-.00023
#2	-.00024	-.01985	-.00030	-.00041	.40493	-.00040	-.00027
#3	-.00011	.06131	-.00027	-.00054	.42746	.00044	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	-.00014	-.00235	-.00606	.00062	-.00055	.00052
Stddev	.02200	.00013	.00308	.00245	.00239	.00030	.00196
%RSD	384.35	94.126	131.00	40.370	385.44	53.953	374.64

#1	.00664	.00001	-.00576	-.00324	.00255	-.00024	-.00045
#2	.02725	-.00018	-.00156	-.00734	-.00206	-.00059	-.00076
#3	-.01672	-.00024	.00025	-.00761	.00137	-.00084	.00277

Sample Name: CCB10 Acquired: 6/10/2019 20:10:08 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8298 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.0015	-.00001	F .29060	F<.00000
Stddev	.00122	.0006	.00010	.25965	.21567
%RSD	302.71	39.54	998.48	89.351	22.622

#1	-.00024	-.0009	.00006	.01361	-.70459
#2	.00180	-.0021	-.00012	.52848	-1.0678
#3	-.00035	-.0015	.00003	.32971	-1.0877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3507.8	50760.	5550.3	90.628	4197.3
Stddev	5.4	112.	31.6	1.226	12.8
%RSD	.15341	.21996	.56964	1.3524	.30378

#1	3505.3	50722.	5547.4	89.867	4182.9
#2	3504.1	50886.	5583.2	92.042	4201.6
#3	3514.0	50673.	5520.2	89.975	4207.2

Sample Name: K3249-12 Acquired: 6/10/2019 20:14:37 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00013	.00470	.00414	-.00143	.04372	.13271
Stddev	.00110	.00101	.00057	.00235	.00289	.00419	.00029
%RSD	183.06	802.02	12.181	56.689	202.38	9.5717	.21732

#1	.00050	-.00102	.00512	.00555	.00080	.04019	.13275
#2	-.00060	.00052	.00493	.00544	-.00470	.04834	.13240
#3	-.00170	.00088	.00404	.00143	-.00039	.04264	.13297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00048	55.957	.00606	.00028	.00215	.08563
Stddev	.00007	.00011	.868	.00040	.00023	.00060	.00082
%RSD	236.35	22.179	1.5506	6.5760	82.587	28.019	.95524

#1	-.00011	.00036	55.095	.00632	.00053	.00275	.08469
#2	-.00002	.00052	55.947	.00626	.00023	.00155	.08621
#3	.00004	.00056	56.830	.00560	.00008	.00216	.08598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00629	13.159	.00162	-.00102	59.034	.00133	.01405
Stddev	.00008	.180	.00005	.00039	.402	.00021	.00009
%RSD	1.2158	1.3706	3.1528	38.561	.68086	15.723	.67241

#1	.00621	12.953	.00168	-.00075	58.690	.00138	.01415
#2	.00636	13.292	.00162	-.00147	58.934	.00109	.01396
#3	.00631	13.230	.00157	-.00084	59.476	.00150	.01403

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7046	-.00034	.04703	6.3977	5.1125	-.00186	.00170
Stddev	.0357	.00023	.01261	.0175	.0215	.00039	.00214
%RSD	.46311	68.182	26.812	.27417	.42129	21.079	126.25

#1	7.6747	-.00058	.04359	6.4156	5.0880	-.00172	-.00051
#2	7.6951	-.00011	.03649	6.3970	5.1284	-.00156	.00184
#3	7.7441	-.00033	.06100	6.3806	5.1211	-.00231	.00376

Sample Name: K3249-12 Acquired: 6/10/2019 20:14:37 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00356	.0144	.37723	1.1696	F<.00000
Stddev	.00138	.0017	.00347	.2437	.80235
%RSD	38.744	11.96	.91864	20.833	39.055
#1	.00263	.0132	.37385	1.1553	-2.3138
#2	.00291	.0164	.37706	1.4202	-2.6950
#3	.00514	.0137	.38078	.93348	-1.1545
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.9	48851.	5547.8	90.409	3908.0
Stddev	6.8	112.	7.5	2.003	15.3
%RSD	.20219	.22873	.13548	2.2156	.39081
#1	3366.2	48724.	5555.6	91.635	3890.8
#2	3379.2	48897.	5540.6	88.098	3913.5
#3	3376.4	48932.	5547.3	91.495	3919.8

Sample Name: K3249-14 Acquired: 6/10/2019 20:19:04 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	-.00004	.00476	.00692	-.00206	.04051	.13097
Stddev	.00316	.00082	.00036	.00110	.00171	.01166	.00101
%RSD	148.29	2153.2	7.6410	15.949	82.902	28.797	.77496

#1	.00112	.00067	.00479	.00580	-.00289	.04384	.13044
#2	.00568	-.00094	.00510	.00696	-.00320	.05014	.13214
#3	-.00040	.00016	.00438	.00801	-.00010	.02754	.13032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00051	55.480	.00675	.00009	.00102	.08630
Stddev	.00004	.00001	.405	.00009	.00018	.00021	.00093
%RSD	70.836	1.4626	.73026	1.4046	192.10	20.898	1.0725

#1	-.00009	.00051	55.037	.00665	-.00010	.00117	.08735
#2	-.00008	.00050	55.570	.00681	.00014	.00111	.08595
#3	-.00001	.00052	55.832	.00681	.00025	.00078	.08560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	13.065	.00195	-.00070	58.319	.00125	.01098
Stddev	.00010	.051	.00048	.00055	.227	.00074	.00010
%RSD	1.7600	.39067	24.735	78.391	.38987	59.078	.91510

#1	.00570	13.006	.00210	-.00080	58.058	.00062	.01094
#2	.00577	13.089	.00141	-.00011	58.424	.00106	.01090
#3	.00590	13.099	.00235	-.00120	58.475	.00206	.01109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6321	-.00048	.03486	6.3284	5.0810	-.00201	.00045
Stddev	.0502	.00026	.00934	.0351	.0113	.00069	.00151
%RSD	.65719	54.578	26.803	.55410	.22153	34.129	335.42

#1	7.5753	-.00075	.03119	6.3022	5.0752	-.00223	.00099
#2	7.6509	-.00045	.04548	6.3683	5.0737	-.00124	-.00125
#3	7.6702	-.00023	.02791	6.3149	5.0939	-.00256	.00161

Sample Name: K3249-14 Acquired: 6/10/2019 20:19:04 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00470	.0141	.37245	.95699	F<.00000
Stddev	.00192	.0018	.00282	.19308	1.4982
%RSD	40.819	12.84	.75591	20.175	63.151

#1	.00318	.0142	.36943	.73995	-.80206
#2	.00406	.0123	.37293	1.0214	-3.7861
#3	.00686	.0159	.37500	1.1097	-2.5289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.7	48573.	5529.5	91.930	3899.5
Stddev	14.9	124.	11.3	.725	13.5
%RSD	.44103	.25563	.20354	.78831	.34565

#1	3362.4	48436.	5534.0	91.715	3894.5
#2	3382.1	48604.	5537.8	91.337	3889.3
#3	3391.6	48678.	5516.7	92.738	3914.8

Sample Name: K3249-16 Acquired: 6/10/2019 20:23:30 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00015	.00528	.00058	-.00105	.03521	.13448
Stddev	.00309	.00084	.00107	.00263	.00106	.01304	.00026
%RSD	335.59	565.25	20.212	451.61	100.80	37.033	.19398

#1	-.00142	-.00027	.00644	-.00080	.00011	.04082	.13428
#2	.00239	-.00093	.00435	-.00107	-.00197	.04450	.13478
#3	-.00373	.00075	.00504	.00362	-.00129	.02030	.13440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	31.611	.00114	.00099	.00731	.03361
Stddev	.00003	.00008	.180	.00013	.00005	.00027	.00061
%RSD	77.843	137.09	.56820	11.851	5.2133	3.6315	1.8079

#1	.00006	-.00003	31.444	.00101	.00093	.00702	.03430
#2	.00006	.00014	31.587	.00113	.00103	.00754	.03319
#3	.00000	.00008	31.801	.00128	.00101	.00737	.03332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01957	8.5738	.00140	-.00042	48.126	.00070	.03944
Stddev	.00017	.0751	.00029	.00028	.182	.00022	.00006
%RSD	.85799	.87605	20.479	67.079	.37839	30.748	.14643

#1	.01938	8.5517	.00145	-.00023	47.924	.00057	.03947
#2	.01968	8.5121	.00109	-.00029	48.178	.00095	.03947
#3	.01965	8.6574	.00166	-.00075	48.276	.00058	.03937

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7093	-.00045	.08696	F 16.178	7.2560	-.00611	.00229
Stddev	.0142	.00020	.00983	.069	.0571	.00106	.00087
%RSD	.24839	44.360	11.303	.42599	.78732	17.428	38.153

#1	5.6931	-.00068	.09615	16.246	7.2110	-.00514	.00316
#2	5.7155	-.00032	.08811	16.108	7.2367	-.00594	.00142
#3	5.7193	-.00035	.07660	16.180	7.3203	-.00725	.00228

Sample Name: K3249-16 Acquired: 6/10/2019 20:23:30 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00667	.0013	.91786	.73127	F<.00000
Stddev	.00082	.0005	.00745	.05775	.32152
%RSD	12.260	37.48	.81182	7.8973	17.331

#1	.00692	.0017	.91003	.76302	-1.5512
#2	.00733	.0015	.91869	.66461	-2.1917
#3	.00575	.0008	.92486	.76619	-1.8225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3432.3	49308.	5535.6	90.848	4004.6
Stddev	17.2	47.	25.1	.846	12.5
%RSD	.50138	.09537	.45296	.93095	.31210

#1	3426.0	49254.	5559.5	91.745	3995.3
#2	3419.1	49336.	5537.8	90.065	3999.6
#3	3451.8	49334.	5509.5	90.735	4018.8

Sample Name: K3249-18 Acquired: 6/10/2019 20:27:56 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24IR Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	.00058	.00453	.00322	-.00137	.03593	.13924
Stddev	.00128	.00083	.00059	.00209	.00099	.01568	.00176
%RSD	62.597	142.64	13.047	64.904	72.316	43.631	1.2615

#1	-.00217	-.00026	.00521	.00081	-.00159	.02434	.13759
#2	-.00325	.00061	.00411	.00437	-.00029	.05377	.14109
#3	-.00070	.00140	.00427	.00448	-.00223	.02969	.13903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00007	32.493	.00126	.00100	.00833	.03212
Stddev	.00001	.00009	.184	.00024	.00012	.00048	.00072
%RSD	83.090	134.51	.56563	18.873	11.999	5.8063	2.2427

#1	.00002	.00017	32.306	.00140	.00111	.00884	.03268
#2	.00001	.00005	32.498	.00098	.00087	.00788	.03237
#3	.00000	-.00002	32.674	.00139	.00102	.00828	.03131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02272	8.8791	.00182	-.00066	49.833	.00075	.03926
Stddev	.00003	.1050	.00054	.00065	.407	.00025	.00011
%RSD	.11614	1.1827	29.452	99.070	.81704	33.663	.27935

#1	.02274	8.7783	.00126	-.00094	49.680	.00046	.03926
#2	.02269	8.9879	.00233	.00009	50.295	.00093	.03914
#3	.02274	8.8710	.00189	-.00112	49.525	.00087	.03936

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9246	-.00082	.10950	F 16.578	7.4545	-.00620	.00183
Stddev	.0424	.00013	.00828	.059	.0516	.00102	.00116
%RSD	.71575	15.295	7.5570	.35484	.69161	16.407	63.774

#1	5.9015	-.00097	.11283	16.511	7.4727	-.00584	.00298
#2	5.9735	-.00074	.11560	16.603	7.3963	-.00735	.00065
#3	5.8988	-.00076	.10008	16.621	7.4945	-.00542	.00185

Sample Name: K3249-18 Acquired: 6/10/2019 20:27:56 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24IR Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00791	-.0015	.92621	.28964	F<.00000
Stddev	.00250	.0020	.00323	.13785	.16710
%RSD	31.605	132.5	.34851	47.595	8.8601
#1	.00596	.0006	.92397	.26058	-1.8654
#2	.00704	-.0034	.92991	.43971	-2.0624
#3	.01072	-.0018	.92475	.16863	-1.7301
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.4	49240.	5552.5	91.325	4006.2
Stddev	18.6	207.	28.7	1.419	14.7
%RSD	.54508	.42136	.51749	1.5543	.36625
#1	3408.5	49047.	5526.7	92.943	3990.7
#2	3431.3	49212.	5583.4	90.289	4019.9
#3	3394.4	49459.	5547.3	90.744	4008.1

Sample Name: K3249-20 Acquired: 6/10/2019 20:32:22 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00039	.00566	.00224	-.00135	.03321	.29465
Stddev	.00152	.00037	.00077	.00215	.00103	.01435	.00095
%RSD	2973.8	95.127	13.539	95.671	76.267	43.212	.32218

#1	.00122	-.00010	.00497	.00397	-.00046	.04959	.29491
#2	-.00167	-.00027	.00649	-.00016	-.00247	.02720	.29544
#3	.00061	-.00081	.00552	.00292	-.00110	.02284	.29360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00053	103.33	.00479	.00002	.00167	.09128
Stddev	.00005	.00003	1.05	.00017	.00032	.00026	.00032
%RSD	56.900	6.0333	1.0129	3.5668	1580.5	15.839	.35295

#1	-.00004	.00049	102.32	.00498	-.00026	.00191	.09136
#2	-.00009	.00055	103.27	.00466	-.00004	.00172	.09093
#3	-.00015	.00055	104.41	.00473	.00036	.00139	.09156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	13.888	-.00287	-.00130	619.21	.00098	.01409
Stddev	.00007	.106	.00093	.00050	7.91	.00044	.00009
%RSD	1.2924	.76220	32.330	38.752	1.2781	45.126	.62652

#1	.00584	13.808	-.00251	-.00145	610.32	.00047	.01405
#2	.00574	14.008	-.00392	-.00074	621.81	.00128	.01403
#3	.00570	13.848	-.00217	-.00172	625.49	.00118	.01419

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.315	-.00060	.04401	F 13.557	3.6678	-.00441	-.00182
Stddev	.073	.00032	.01127	.090	.0229	.00077	.00079
%RSD	.64352	53.523	25.606	.66232	.62521	17.341	43.650

#1	11.253	-.00097	.04809	13.653	3.6628	-.00435	-.00144
#2	11.395	-.00040	.05268	13.542	3.6477	-.00521	-.00273
#3	11.298	-.00042	.03127	13.475	3.6928	-.00368	-.00129

Sample Name: K3249-20 Acquired: 6/10/2019 20:32:22 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01258	-.0049	1.0445	2.7190	F<.00000
Stddev	.00112	.0023	.0091	.1606	.89093
%RSD	8.9217	47.14	.86873	5.9067	8.6553

#1	.01322	-.0043	1.0397	2.5931	-10.909
#2	.01129	-.0075	1.0388	2.6641	-10.700
#3	.01324	-.0030	1.0550	2.8999	-9.2718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.2	44655.	5397.8	87.773	3560.9
Stddev	25.3	67.	39.8	.888	23.7
%RSD	.77913	.15095	.73791	1.0112	.66527

#1	3222.0	44721.	5421.7	87.754	3533.6
#2	3263.7	44586.	5419.8	88.670	3574.5
#3	3267.8	44658.	5351.8	86.895	3574.8

Sample Name: K3249-03 Acquired: 6/10/2019 20:36:56 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB02-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00411	.00004	-.00001	-.00025	-.00138	-.01764	.00132	-.00020
Stddev	.00163	.00116	.00016	.00090	.00160	.01106	.00040	.00001
%RSD	39.770	3006.4	1163.7	360.41	116.21	62.689	30.163	3.3493

#1	-.00423	-.00005	.00010	.00066	-.00113	-.00585	.00126	-.00020
#2	-.00242	-.00107	.00005	-.00114	.00009	-.01929	.00174	-.00019
#3	-.00568	.00124	-.00020	-.00027	-.00308	-.02778	.00095	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.03565	.00118	-.00005	-.00124	.01435	.00109	.03490
Stddev	.00001	.00365	.00021	.00007	.00048	.00011	.00005	.02729
%RSD	45.958	10.243	17.992	142.98	38.418	.76283	4.5583	78.196

#1	-.00001	.03143	.00142	-.00012	-.00134	.01447	.00105	.06630
#2	-.00004	.03772	.00108	.00002	-.00072	.01434	.00114	.02153
#3	-.00004	.03780	.00103	-.00006	-.00166	.01425	.00107	.01687

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00032	6.7746	.00007	.00890	.01012	-.00010	-.01293
Stddev	.00045	.00044	.0211	.00041	.00009	.00913	.00005	.00071
%RSD	226.09	136.15	.31201	593.41	1.0357	90.171	46.940	5.5268

#1	.00057	.00026	6.7757	-.00028	.00887	-.00041	-.00016	-.01261
#2	.00033	.00079	6.7952	-.00003	.00883	.01507	-.00007	-.01243
#3	-.00030	-.00008	6.7529	.00052	.00901	.01571	-.00007	-.01375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22569	.52838	-.00157	.00181	.00136	.0004	-.00002	<.00000
Stddev	.00594	.00216	.00068	.00093	.00023	.0003	.00013	.25941
%RSD	2.6319	.40906	43.260	51.047	17.098	66.78	810.62	62.227

#1	.21891	.52849	-.00097	.00077	.00158	.0001	.00012	-.68204
#2	.22996	.52617	-.00231	.00252	.00140	.0006	-.00013	-.16363
#3	.22821	.53049	-.00144	.00215	.00112	.0006	-.00004	-.40498

Sample Name: K3249-03 Acquired: 6/10/2019 20:36:56 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-EB02-2019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .43467
 %RSD 200.24

#1 -.62638
 #2 .23916
 #3 -.26400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.2	51509.	5609.8	93.436	4230.2
Stddev	33.8	105.	17.5	2.059	11.6
%RSD	.95489	.20393	.31108	2.2032	.27396

#1	3499.9	51395.	5629.9	92.100	4217.6
#2	3551.3	51531.	5598.1	92.402	4232.7
#3	3563.5	51602.	5601.6	95.807	4240.3

Sample Name: K3249-07 Acquired: 6/10/2019 20:41:24 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	.00131	.00568	.00202	-.00243	.00057	.13105	-.00008
Stddev	.00072	.00114	.00109	.00358	.00205	.00414	.00122	.00006
%RSD	39.419	86.580	19.210	177.48	84.206	721.58	.93332	79.883
#1	-.00208	.00203	.00451	-.00026	-.00382	.00490	.12977	-.00003
#2	-.00101	.00190	.00666	.00016	-.00340	.00018	.13221	-.00014
#3	-.00237	.00000	.00587	.00614	-.00008	-.00335	.13115	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	27.020	.00155	.00042	.00158	.00989	.02047	8.8443
Stddev	.00004	.196	.00020	.00003	.00022	.00064	.00017	.1125
%RSD	177.76	.72611	13.220	8.3872	14.209	6.4862	.80861	1.2715
#1	-.00001	26.843	.00143	.00038	.00165	.01038	.02061	8.7384
#2	.00006	26.986	.00178	.00045	.00133	.00916	.02052	8.8321
#3	.00001	27.231	.00142	.00042	.00176	.01012	.02029	8.9623
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00035	34.522	.00057	.02725	2.1804	-.00064	.03610
Stddev	.00049	.00015	.332	.00007	.00002	.0764	.00014	.00104
%RSD	101.09	42.646	.96099	11.946	.07304	3.5057	21.234	2.8741
#1	.00002	-.00031	34.146	.00065	.02727	2.1294	-.00050	.03728
#2	.00045	-.00022	34.773	.00051	.02724	2.2683	-.00064	.03569
#3	.00100	-.00052	34.647	.00056	.02723	2.1436	-.00077	.03533
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.112	9.3643	.31906	.00080	.00236	-.0020	.34552	.18638
Stddev	.041	.0746	.00150	.00057	.00151	.0003	.00227	.06697
%RSD	.29149	.79710	.47143	71.220	64.245	16.51	.65664	35.934
#1	14.132	9.4227	.31980	.00057	.00287	-.0023	.34346	.10909
#2	14.138	9.2802	.32005	.00145	.00355	-.0018	.34514	.22720
#3	14.064	9.3900	.31733	.00038	.00065	-.0018	.34795	.22285

Sample Name: K3249-07 Acquired: 6/10/2019 20:41:24 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.92426
%RSD	93.684

#1	-1.1223
#2	-1.8354
#3	-.00193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.2	49918.	5578.1	90.795	4054.6
Stddev	7.6	149.	36.5	.200	9.1
%RSD	.22068	.29811	.65459	.21987	.22477

#1	3451.5	49908.	5543.1	91.024	4048.1
#2	3447.4	49774.	5616.0	90.656	4050.7
#3	3436.8	50071.	5575.4	90.705	4065.0

Sample Name: K3249-07DUP Acquired: 6/10/2019 20:45:49 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	-.00098	.00526	.00240	-.00172	.00086	.13133
Stddev	.00246	.00055	.00062	.00460	.00086	.00804	.00184
%RSD	84.746	55.786	11.712	191.62	50.077	931.38	1.3997

#1	-.00015	-.00137	.00591	.00565	-.00250	.00712	.12937
#2	-.00487	-.00121	.00468	-.00286	-.00185	-.00820	.13302
#3	-.00368	-.00035	.00519	.00441	-.00080	.00367	.13159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00002	26.926	.00159	.00035	.00200	.00966
Stddev	.00003	.00006	.248	.00014	.00006	.00018	.00070
%RSD	63.728	249.63	.92073	8.8445	18.600	9.1116	7.2901

#1	-.00003	.00009	26.640	.00155	.00027	.00180	.00987
#2	-.00004	-.00002	27.080	.00147	.00040	.00206	.01025
#3	-.00009	-.00000	27.058	.00174	.00037	.00215	.00888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02053	8.8717	.00039	-.00023	34.568	.00008	.02718
Stddev	.00008	.0877	.00024	.00031	.274	.00011	.00014
%RSD	.37536	.98863	62.094	136.23	.79122	135.23	.52255

#1	.02058	8.9380	.00012	-.00047	34.268	.00020	.02734
#2	.02044	8.9049	.00059	.00012	34.804	.00001	.02706
#3	.02057	8.7723	.00046	-.00034	34.632	.00003	.02714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2033	-.00058	.04024	F 14.128	9.3084	.34612	.00032
Stddev	.0345	.00010	.00435	.057	.0397	.00257	.00131
%RSD	1.5641	16.588	10.802	.40210	.42658	.74262	410.80

#1	2.1637	-.00069	.03542	14.184	9.2720	.34450	-.00088
#2	2.2268	-.00052	.04143	14.070	9.3026	.34478	.00012
#3	2.2193	-.00053	.04387	14.131	9.3507	.34908	.00171

Sample Name: K3249-07DUP Acquired: 6/10/2019 20:45:49 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00319	-.0023	.34405	.42259	F<.00000
Stddev	.00089	.0008	.00232	.05444	1.0528
%RSD	28.053	35.63	.67541	12.882	66.070

#1	.00413	-.0022	.34159	.45648	-2.5293
#2	.00307	-.0015	.34436	.45149	-1.7977
#3	.00236	-.0032	.34621	.35979	-.45353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.5	49672.	5577.5	92.989	4048.4
Stddev	10.7	197.	13.8	.511	9.7
%RSD	.31095	.39596	.24780	.54959	.23935

#1	3447.7	49802.	5593.3	92.406	4038.4
#2	3431.2	49445.	5571.6	93.359	4048.9
#3	3427.6	49768.	5567.6	93.203	4057.7

Sample Name: K3249-07LX5 Acquired: 6/10/2019 20:50:15 Type: Unk
Method: P4-ICP2(v3188) 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	-.00124	.00044	.00137	.00038	-.00057	-.00852	.02775	-.00009
Stddev	.00114	.00041	.00091	.00086	.00108	.01098	.00061	.00004
%RSD	92.380	91.533	66.511	223.30	190.96	128.87	2.2147	41.779

#1	-.00015	.00078	.00083	.00099	-.00041	-.01992	.02773	-.00007
#2	-.00243	.00056	.00087	-.00060	.00043	.00200	.02838	-.00014
#3	-.00113	-.00001	.00243	.00076	-.00172	-.00765	.02715	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	5.6717	.00000	.00017	-.00045	.00236	.00425	1.9055
Stddev	.00005	.0390	.00017	.00004	.00064	.00035	.00005	.0157
%RSD	174.76	.68817	20535.	21.614	142.21	14.807	1.2920	.82604

#1	.00002	5.6349	.00019	.00017	-.00113	.00269	.00430	1.8875
#2	.00008	5.6676	-.00014	.00013	.00014	.00200	.00419	1.9161
#3	-.00002	5.7127	-.00005	.00020	-.00036	.00239	.00426	1.9131

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00020	7.4535	-.00006	.00555	.43145	-.00050	-.00274
Stddev	.00005	.00007	.0318	.00020	.00013	.03001	.00012	.00294
%RSD	10.782	34.855	.42650	353.15	2.3718	6.9550	23.505	107.36

#1	-.00046	-.00012	7.4896	.00018	.00542	.40426	-.00060	.00061
#2	-.00050	-.00026	7.4297	-.00017	.00568	.46365	-.00053	-.00393
#3	-.00057	-.00022	7.4412	-.00019	.00555	.42644	-.00037	-.00490

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9458	2.0579	.06963	.00197	.00131	-.0002	.07272	.49707
Stddev	.0111	.0125	.00032	.00073	.00075	.0005	.00031	.05252
%RSD	.37826	.60731	.46650	37.032	56.998	237.5	.42188	10.567

#1	2.9360	2.0584	.06961	.00157	.00090	.0004	.07237	.55609
#2	2.9435	2.0452	.06932	.00281	.00086	-.0005	.07289	.45548
#3	2.9579	2.0701	.06997	.00152	.00217	-.0006	.07291	.47963

Sample Name: K3249-07LX5 Acquired: 6/10/2019 20:50:15 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .82014
%RSD 109.34

#1 -1.6958
#2 -.23448
#3 -.31996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.2	49435.	5446.1	90.039	4098.9
Stddev	4.4	185.	31.5	1.055	3.8
%RSD	.12850	.37441	.57878	1.1716	.09222

#1	3402.7	49269.	5409.9	88.823	4094.6
#2	3407.6	49401.	5461.0	90.705	4101.7
#3	3411.4	49635.	5467.4	90.589	4100.4

Sample Name: K3249-07MS Acquired: 6/10/2019 20:54:40 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71609	1.8326	.88969	1.8122	.85468	1.8562	.32099	.17790
Stddev	.00343	.0127	.00496	.0022	.00553	.0092	.00186	.00065
%RSD	.47956	.69477	.55703	.12399	.64746	.49366	.57967	.36475
#1	.71213	1.8449	.89486	1.8119	.84873	1.8457	.31943	.17723
#2	.71823	1.8336	.88922	1.8146	.85967	1.8624	.32305	.17795
#3	.71790	1.8195	.88499	1.8102	.85565	1.8605	.32050	.17852
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17902	27.043	.39752	.18466	.28249	2.8708	.21288	10.188
Stddev	.00082	.291	.00042	.00099	.00081	.0048	.00031	.082
%RSD	.45941	1.0778	.10508	.53783	.28605	.16824	.14350	.80129
#1	.17980	26.725	.39755	.18575	.28188	2.8653	.21266	10.113
#2	.17911	27.299	.39792	.18381	.28341	2.8741	.21276	10.275
#3	.17816	27.104	.39708	.18441	.28219	2.8731	.21323	10.178
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45616	.06725	35.664	.29841	.20043	11.639	.44642	.29645
Stddev	.00192	.00036	.221	.00187	.00146	.121	.00106	.00393
%RSD	.41989	.54008	.61842	.62789	.73026	1.0415	.23795	1.3243
#1	.45837	.06758	35.410	.29883	.20206	11.556	.44635	.29286
#2	.45505	.06686	35.769	.30004	.20000	11.778	.44752	.30064
#3	.45506	.06730	35.812	.29637	.19923	11.582	.44539	.29585
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.423	9.7747	.75502	.22135	.20512	5.703	.52242	.64436
Stddev	.111	.0496	.00564	.00221	.00166	.046	.00474	.05298
%RSD	.82867	.50789	.74675	1.0000	.80808	.8056	.90786	8.2219
#1	13.549	9.7200	.76007	.21902	.20390	5.747	.51700	.60414
#2	13.385	9.7871	.75605	.22342	.20701	5.706	.52448	.70439
#3	13.336	9.8169	.74893	.22161	.20446	5.655	.52579	.62456

Sample Name: K3249-07MS Acquired: 6/10/2019 20:54:40 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5485
Stddev	.6661
%RSD	12.005

#1	6.3131
#2	5.0934
#3	5.2391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.0	49215.	5510.7	90.698	3978.7
Stddev	17.4	120.	3.9	2.194	10.8
%RSD	.50978	.24334	.07133	2.4192	.27203

#1	3436.4	49079.	5510.3	92.758	3970.7
#2	3401.8	49263.	5514.8	90.945	3974.3
#3	3415.8	49303.	5507.0	88.391	3991.0

Sample Name: CCV11 Acquired: 6/10/2019 20:58:47 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8221	4.9667	4.8095	4.8749	4.8499	9.6272	9.9285	.23903
Stddev	.0049	.0196	.0205	.0076	.0095	.0713	.0531	.00086
%RSD	.10172	.39422	.42550	.15551	.19510	.74029	.53500	.36135
#1	4.8253	4.9807	4.8280	4.8831	4.8516	9.5512	9.8679	.23939
#2	4.8165	4.9752	4.8130	4.8682	4.8397	9.6926	9.9669	.23965
#3	4.8246	4.9443	4.7875	4.8733	4.8584	9.6378	9.9506	.23804
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4286	26.544	.99820	2.4109	1.1947	4.8326	2.4566	23.159
Stddev	.0092	.138	.00252	.0112	.0028	.0037	.0053	.123
%RSD	.37807	.51945	.25278	.46251	.23203	.07745	.21578	.52950
#1	2.4379	26.442	.99855	2.4199	1.1957	4.8317	2.4614	23.118
#2	2.4285	26.489	1.0005	2.4144	1.1915	4.8368	2.4575	23.297
#3	2.4195	26.701	.99552	2.3984	1.1968	4.8295	2.4509	23.062
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4031	1.2356	24.944	2.6420	2.3824	24.518	4.8251	F 4.4981
Stddev	.0067	.0028	.143	.0045	.0083	.110	.0035	.0338
%RSD	.28075	.22406	.57410	.16929	.34868	.44936	.07199	.75076
#1	2.4087	1.2388	24.793	2.6462	2.3906	24.395	4.8223	4.4654
#2	2.4051	1.2342	25.077	2.6373	2.3825	24.607	4.8239	4.5328
#3	2.3956	1.2338	24.961	2.6423	2.3740	24.553	4.8290	4.4960
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8458	4.9463	4.9030	4.8403	4.9965	5.234	4.9633	F 1.4069
Stddev	.0175	.0237	.0323	.0230	.0308	.040	.0373	.0673
%RSD	.36066	.47875	.65790	.47563	.61689	.7659	.75215	4.7822
#1	4.8652	4.9491	4.9376	4.8139	4.9703	5.271	4.9322	1.4821
#2	4.8409	4.9214	4.8976	4.8508	4.9887	5.240	4.9531	1.3525
#3	4.8313	4.9685	4.8738	4.8562	5.0305	5.192	5.0047	1.3859

Sample Name: CCV11 Acquired: 6/10/2019 20:58:47 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15093 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8380
Stddev	1.3072
%RSD	46.059

#1	3.3782
#2	3.7885
#3	1.3474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.3	48168.	5498.4	88.015	3755.6
Stddev	15.0	153.	21.1	.737	14.3
%RSD	.44533	.31810	.38398	.83758	.37983

#1	3396.6	48037.	5487.5	87.165	3763.3
#2	3372.2	48131.	5522.7	88.483	3739.1
#3	3369.1	48337.	5484.9	88.396	3764.4

Sample Name: CCB11 Acquired: 6/10/2019 21:02:46 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00163	-.00081	-.00170	-.00009	-.02024	.00165
Stddev	.00032	.00003	.00061	.00312	.00252	.00716	.00040
%RSD	27.115	1.9274	75.809	183.03	2924.2	35.382	24.034

#1	.00111	.00165	-.00091	.00177	.00265	-.01740	.00130
#2	.00093	.00159	-.00136	-.00426	-.00062	-.01493	.00157
#3	.00156	.00163	-.00015	-.00262	-.00229	-.02838	.00208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00007	-.00771	.00016	.00016	-.00142	-.00124
Stddev	.00012	.00010	.01037	.00053	.00032	.00053	.00045
%RSD	167.33	134.53	134.39	327.28	198.50	37.614	36.624

#1	.00003	.00010	-.00426	.00057	.00029	-.00125	-.00167
#2	-.00020	.00016	-.01937	.00035	.00038	-.00202	-.00129
#3	-.00004	-.00004	.00049	-.00044	-.00020	-.00099	-.00076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01617	-.00068	-.00007	.32134	-.00018	-.00025
Stddev	.00003	.06714	.00029	.00033	.00793	.00011	.00008
%RSD	26.901	415.25	43.354	503.82	2.4688	58.820	33.748

#1	-.00013	.05750	-.00052	.00028	.32471	-.00019	-.00027
#2	-.00013	-.06130	-.00050	-.00037	.31228	-.00029	-.00015
#3	-.00008	.05230	-.00102	-.00010	.32704	-.00007	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04155	.00012	.00003	-.00180	.00354	-.00058	.00199
Stddev	.00608	.00027	.00933	.00553	.00203	.00023	.00123
%RSD	14.629	218.13	28351.	307.98	57.509	38.821	61.625

#1	-.04379	.00039	-.01074	-.00090	.00584	-.00051	.00334
#2	-.03467	.00012	.00567	-.00772	.00278	-.00040	.00094
#3	-.04620	-.00014	.00517	.00323	.00198	-.00084	.00170

Sample Name: CCB11 Acquired: 6/10/2019 21:02:46 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15093 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.0014	.00005	F<.00000	F<.00000
Stddev	.00040	.0008	.00013	.04942	1.4699
%RSD	78.700	54.83	264.01	17.967	119.81
#1	.00009	-.0017	-.00002	-.30356	-1.5863
#2	.00055	-.0005	.00020	-.21797	.38935
#3	.00089	-.0019	-.00004	-.30357	-2.4837
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.3	50686.	5528.1	90.719	4204.3
Stddev	17.1	54.	17.7	1.211	10.8
%RSD	.48301	.10630	.32071	1.3345	.25707
#1	3551.8	50748.	5535.7	90.058	4214.6
#2	3520.2	50657.	5540.7	92.117	4193.1
#3	3524.9	50653.	5507.8	89.983	4205.3

Sample Name: K3249-07MSD Acquired: 6/10/2019 21:07:15 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65333	1.6850	.81263	1.6504	.74632	1.6629	.29211	.16304
Stddev	.00218	.0051	.00308	.0013	.00052	.0149	.00296	.00039
%RSD	.33359	.30210	.37943	.07767	.07023	.89783	1.0148	.24106
#1	.65355	1.6793	.80914	1.6512	.74692	1.6469	.28905	.16347
#2	.65539	1.6865	.81375	1.6511	.74595	1.6766	.29497	.16269
#3	.65105	1.6892	.81500	1.6489	.74609	1.6651	.29230	.16295
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16382	25.290	.36350	.16924	.25834	2.6139	.19535	9.3874
Stddev	.00019	.360	.00149	.00062	.00119	.0119	.00037	.1297
%RSD	.11680	1.4228	.40877	.36343	.46021	.45527	.19118	1.3815
#1	.16370	24.892	.36313	.16889	.25725	2.6004	.19515	9.2429
#2	.16404	25.388	.36513	.16888	.25815	2.6228	.19578	9.4259
#3	.16372	25.591	.36223	.16995	.25961	2.6185	.19512	9.4935
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41666	.06146	33.094	.27297	.17965	10.609	.38815	.27118
Stddev	.00173	.00042	.280	.00112	.00026	.128	.00080	.01181
%RSD	.41446	.68288	.84456	.41003	.14459	1.2058	.20650	4.3549
#1	.41524	.06111	32.771	.27199	.17941	10.474	.38880	.25763
#2	.41858	.06135	33.255	.27273	.17992	10.729	.38840	.27930
#3	.41615	.06193	33.255	.27419	.17961	10.623	.38726	.27661
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.540	9.1748	.66085	.19378	.18685	5.208	.48185	.69677
Stddev	.020	.0623	.00228	.00253	.00272	.006	.00523	.22977
%RSD	.16300	.67880	.34469	1.3075	1.4558	.1135	1.0855	32.976
#1	12.519	9.1156	.65889	.19114	.18387	5.214	.47659	.90586
#2	12.542	9.1692	.66032	.19400	.18748	5.207	.48189	.73367
#3	12.560	9.2397	.66335	.19619	.18920	5.202	.48706	.45078

Sample Name: K3249-07MSD Acquired: 6/10/2019 21:07:15 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8466
Stddev	1.0473
%RSD	21.610

#1	4.2219
#2	6.0557
#3	4.2621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.1	49760.	5539.7	90.986	4017.0
Stddev	6.7	113.	26.5	.816	4.3
%RSD	.19293	.22660	.47831	.89676	.10731

#1	3442.3	49888.	5559.9	91.847	4012.9
#2	3449.5	49676.	5549.5	90.224	4016.4
#3	3455.6	49714.	5509.7	90.886	4021.5

Sample Name: K3249-07A Acquired: 6/10/2019 21:11:22 Type: Unk
Method: P4-ICP2(v3188) 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	.68222	1.7516	.84716	1.7140	.79033	1.7311	.30125	.16842
Stddev	.00249	.0014	.00280	.0058	.00385	.0222	.00058	.00021
%RSD	.36505	.08033	.33038	.34058	.48757	1.2793	.19147	.12697
#1	.68263	1.7500	.84580	1.7115	.78589	1.7248	.30077	.16856
#2	.67955	1.7527	.84530	1.7099	.79236	1.7129	.30189	.16818
#3	.68448	1.7521	.85038	1.7207	.79275	1.7558	.30110	.16853
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17022	26.075	.37710	.17561	.26826	2.7119	.20245	9.6639
Stddev	.00034	.195	.00056	.00054	.00086	.0068	.00008	.1147
%RSD	.20226	.74767	.14721	.30880	.32095	.25187	.03887	1.1873
#1	.16982	25.853	.37665	.17499	.26791	2.7054	.20247	9.5803
#2	.17043	26.220	.37772	.17584	.26764	2.7113	.20251	9.6167
#3	.17041	26.152	.37694	.17600	.26925	2.7190	.20236	9.7947
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43398	.06313	34.052	.28157	.18877	10.972	.41364	.27005
Stddev	.00163	.00053	.137	.00031	.00033	.041	.00174	.00639
%RSD	.37471	.83951	.40236	.11060	.17422	.36989	.42164	2.3672
#1	.43215	.06268	33.917	.28193	.18857	10.942	.41286	.26847
#2	.43452	.06300	34.050	.28141	.18859	11.018	.41243	.27709
#3	.43527	.06371	34.191	.28138	.18915	10.957	.41564	.26461
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.889	9.4715	.70533	.20557	.19243	5.414	.50041	.57398
Stddev	.010	.0316	.00209	.00137	.00228	.006	.00316	.10217
%RSD	.07911	.33355	.29618	.66879	1.1872	.1162	.63162	17.800
#1	12.900	9.4362	.70359	.20460	.18981	5.410	.49688	.68867
#2	12.884	9.4811	.70765	.20497	.19351	5.421	.50138	.54057
#3	12.882	9.4971	.70475	.20715	.19398	5.410	.50297	.49270

Sample Name: K3249-07A Acquired: 6/10/2019 21:11:22 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7778
Stddev	.7884
%RSD	13.645

#1	6.5051
#2	4.9400
#3	5.8882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.9	49650.	5496.2	91.027	4008.4
Stddev	12.6	122.	.9	1.192	2.7
%RSD	.36642	.24635	.01727	1.3094	.06657

#1	3446.6	49509.	5495.9	89.687	4011.5
#2	3447.7	49731.	5497.3	91.428	4007.0
#3	3425.3	49709.	5495.5	91.967	4006.8

Sample Name: K3249-10 Acquired: 6/10/2019 21:15:30 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP03-201 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00122	.00424	.00279	-.00238	.00227	.11451
Stddev	.00116	.00074	.00047	.00199	.00003	.01321	.00072
%RSD	204.50	60.913	11.132	71.365	1.3062	583.06	.63040

#1	.00040	.00143	.00405	.00509	-.00236	-.01206	.11368
#2	-.00184	.00039	.00478	.00181	-.00242	.00488	.11488
#3	-.00025	.00183	.00390	.00148	-.00237	.01397	.11497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00011	23.547	.00163	.00041	.00074	.00945
Stddev	.00003	.00001	.204	.00045	.00009	.00010	.00082
%RSD	32.528	10.457	.86632	27.493	22.024	12.977	8.7048

#1	-.00011	.00011	23.312	.00121	.00031	.00077	.01037
#2	-.00008	.00013	23.645	.00158	.00049	.00063	.00920
#3	-.00005	.00010	23.683	.00210	.00043	.00081	.00878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01870	7.6646	.00074	-.00088	30.396	.00051	.02326
Stddev	.00014	.1044	.00009	.00018	.090	.00052	.00007
%RSD	.73646	1.3624	12.419	20.773	.29558	101.68	.31123

#1	.01857	7.5949	.00084	-.00082	30.293	-.00009	.02318
#2	.01884	7.6143	.00065	-.00109	30.459	.00079	.02329
#3	.01869	7.7846	.00074	-.00074	30.437	.00082	.02332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8919	-.00060	.02702	F 12.278	8.1443	-.00472	.00030
Stddev	.0167	.00010	.00725	.058	.0261	.00135	.00050
%RSD	.88003	15.868	26.837	.47432	.31988	28.694	167.89

#1	1.8734	-.00068	.01987	12.219	8.1184	-.00619	-.00024
#2	1.8967	-.00063	.03436	12.279	8.1705	-.00443	.00038
#3	1.9057	-.00050	.02682	12.336	8.1441	-.00353	.00075

Sample Name: K3249-10 Acquired: 6/10/2019 21:15:30 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP03-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.0007	.29988	.63639	F<.00000
Stddev	.00066	.0007	.00191	.05250	.79664
%RSD	29.604	101.0	.63703	8.2493	50.334

#1	.00297	-.0003	.29778	.69482	-1.5512
#2	.00171	-.0015	.30034	.59320	-.80230
#3	.00200	-.0003	.30152	.62115	-2.3947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.4	50172.	5606.1	92.297	4081.0
Stddev	13.3	61.	17.1	.466	6.1
%RSD	.38474	.12127	.30442	.50443	.14885

#1	3441.8	50156.	5619.4	91.820	4074.6
#2	3466.6	50120.	5586.9	92.323	4081.7
#3	3445.9	50239.	5611.9	92.750	4086.7

Sample Name: K3249-13 Acquired: 6/10/2019 21:19:56 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00084	.00351	.00594	-.00242	-.00776	.11655
Stddev	.00387	.00056	.00074	.00091	.00151	.01976	.00153
%RSD	467.42	66.954	21.031	15.386	62.185	254.69	1.3119

#1	.00345	-.00026	.00338	.00551	-.00115	-.02549	.11562
#2	-.00407	-.00088	.00285	.00699	-.00203	.01354	.11572
#3	-.00186	-.00138	.00431	.00533	-.00409	-.01133	.11832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00031	49.834	.00136	-.00002	.00004	.01492
Stddev	.00004	.00008	.306	.00034	.00021	.00047	.00083
%RSD	50.909	24.984	.61371	24.792	1122.4	1134.3	5.5330

#1	-.00004	.00023	49.502	.00107	.00016	.00025	.01492
#2	-.00012	.00038	50.104	.00128	.00003	.00037	.01574
#3	-.00011	.00032	49.896	.00173	-.00025	-.00050	.01409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	11.626	-.00055	-.00046	52.794	.00118	.00948
Stddev	.00002	.110	.00020	.00013	.193	.00014	.00008
%RSD	.96810	.94438	36.102	27.495	.36602	11.723	.79719

#1	.00176	11.532	-.00035	-.00046	52.604	.00103	.00950
#2	.00172	11.600	-.00057	-.00033	52.789	.00131	.00954
#3	.00174	11.747	-.00074	-.00058	52.990	.00119	.00939

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6763	-.00038	.04717	5.6060	4.4630	-.00213	-.00073
Stddev	.0501	.00008	.00847	.0216	.0547	.00063	.00125
%RSD	.75001	22.185	17.952	.38540	1.2258	29.729	171.66

#1	6.6247	-.00044	.04480	5.6106	4.5010	-.00222	-.00190
#2	6.6794	-.00041	.04014	5.6250	4.4877	-.00272	.00059
#3	6.7247	-.00028	.05657	5.5825	4.4003	-.00146	-.00087

Sample Name: K3249-13 Acquired: 6/10/2019 21:19:56 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00327	.0050	.33381	.16393	F<.00000
Stddev	.00067	.0010	.00072	.15443	1.8545
%RSD	20.613	20.65	.21630	94.205	76.425

#1	.00405	.0060	.33362	-.01075	-1.3083
#2	.00281	.0039	.33460	.22023	-1.4042
#3	.00296	.0051	.33320	.28233	-4.5672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.7	51043.	5784.6	96.384	4098.7
Stddev	10.2	76.	25.6	1.146	4.9
%RSD	.28984	.14877	.44225	1.1891	.11884

#1	3514.1	50957.	5768.3	96.501	4093.3
#2	3511.6	51070.	5771.4	97.467	4102.8
#3	3530.4	51101.	5814.1	95.183	4099.9

Sample Name: K3249-15 Acquired: 6/10/2019 21:24:21 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	.00119	.00356	.00747	-.00191	-.00589	.12146
Stddev	.00135	.00119	.00033	.00053	.00112	.00424	.00104
%RSD	64.202	99.749	9.3584	7.0991	58.578	71.924	.85564

#1	-.00354	.00011	.00350	.00732	-.00128	-.00104	.12034
#2	-.00086	.00100	.00391	.00704	-.00125	-.00887	.12164
#3	-.00189	.00246	.00326	.00806	-.00320	-.00776	.12239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00043	52.438	.00185	-.00005	.00031	.01011
Stddev	.00007	.00007	.454	.00036	.00015	.00061	.00042
%RSD	151.54	15.492	.86557	19.701	289.81	193.45	4.1875

#1	.00001	.00043	52.020	.00215	-.00022	-.00038	.01019
#2	-.00012	.00050	52.373	.00144	.00002	.00057	.00965
#3	-.00002	.00036	52.921	.00195	.00005	.00075	.01048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	12.289	-.00054	-.00039	54.903	.00089	.01514
Stddev	.00003	.169	.00025	.00042	.395	.00049	.00009
%RSD	.73979	1.3788	47.462	108.14	.71888	55.122	.57642

#1	.00464	12.093	-.00083	.00003	54.462	.00090	.01522
#2	.00465	12.380	-.00043	-.00081	55.024	.00040	.01505
#3	.00470	12.393	-.00035	-.00039	55.223	.00138	.01515

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0265	-.00045	.02700	5.8822	4.6511	-.00227	-.00017
Stddev	.0776	.00017	.02406	.0159	.0011	.00071	.00131
%RSD	1.1043	37.834	89.081	.26960	.02301	31.517	780.35

#1	6.9379	-.00031	.02006	5.8667	4.6522	-.00144	-.00035
#2	7.0592	-.00064	.05377	5.8814	4.6508	-.00271	.00122
#3	7.0824	-.00041	.00718	5.8984	4.6502	-.00265	-.00138

Sample Name: K3249-15 Acquired: 6/10/2019 21:24:21 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00329	.0070	.35025	.35423	F<.00000
Stddev	.00148	.0014	.00244	.14110	.72314
%RSD	44.887	20.58	.69690	39.834	28.420

#1	.00259	.0053	.34752	.51706	-2.1921
#2	.00499	.0078	.35101	.26801	-3.3763
#3	.00230	.0078	.35222	.27761	-2.0652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.8	51105.	5771.8	97.152	4099.3
Stddev	11.4	43.	14.6	.664	13.7
%RSD	.32438	.08480	.25284	.68365	.33387

#1	3500.7	51075.	5756.3	96.434	4100.9
#2	3494.2	51085.	5773.9	97.743	4084.9
#3	3516.3	51155.	5785.3	97.280	4112.1

Sample Name: K3249-17 Acquired: 6/10/2019 21:28:47 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	.00019	.00315	.00588	-.00119	-.01026	.12908
Stddev	.00149	.00201	.00065	.00338	.00097	.00264	.00112
%RSD	240.60	1065.8	20.517	57.540	81.703	25.759	.86386

#1	.00032	.00079	.00310	.00216	-.00204	-.01261	.12837
#2	.00016	-.00205	.00254	.00669	-.00013	-.01079	.12850
#3	-.00234	.00183	.00383	.00878	-.00141	-.00740	.13036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00005	29.873	.00079	.00069	.00508	-.00252
Stddev	.00003	.00002	.194	.00014	.00005	.00015	.00023
%RSD	96.549	38.202	.65049	17.372	6.5973	2.9568	9.2447

#1	-.00005	.00003	29.807	.00069	.00074	.00497	-.00255
#2	.00000	.00007	29.720	.00095	.00066	.00525	-.00274
#3	-.00003	.00004	30.091	.00074	.00066	.00502	-.00227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00956	8.3208	.00258	-.00032	46.779	.00049	.03578
Stddev	.00008	.0898	.00004	.00024	.337	.00006	.00008
%RSD	.81961	1.0794	1.5199	74.697	.71943	11.708	.22795

#1	.00963	8.2821	.00254	-.00054	46.490	.00054	.03571
#2	.00956	8.2568	.00262	-.00034	46.700	.00049	.03575
#3	.00948	8.4235	.00258	-.00007	47.149	.00043	.03587

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5358	-.00047	.10174	F 15.929	7.0141	-.00638	.00080
Stddev	.0649	.00009	.01472	.101	.0087	.00014	.00058
%RSD	1.1727	19.515	14.468	.63205	.12408	2.1783	73.110

#1	5.4748	-.00057	.11624	15.873	7.0207	-.00623	.00145
#2	5.5285	-.00040	.10216	15.869	7.0173	-.00641	.00061
#3	5.6040	-.00042	.08681	16.045	7.0042	-.00650	.00033

Sample Name: K3249-17 Acquired: 6/10/2019 21:28:47 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP05-201 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00699	-.0014	.76434	.05927	F<.00000
Stddev	.00085	.0004	.00578	.05706	.89021
%RSD	12.087	31.16	.75640	96.265	37.339

#1	.00641	-.0019	.75854	.12276	-2.4526
#2	.00661	-.0012	.76439	.01230	-1.4617
#3	.00796	-.0011	.77010	.04275	-3.2382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.3	51884.	5789.0	96.033	4165.0
Stddev	10.4	33.	5.8	.645	15.4
%RSD	.29569	.06451	.10058	.67172	.37064

#1	3508.9	51895.	5784.2	95.290	4150.2
#2	3529.3	51911.	5787.4	96.456	4181.0
#3	3522.8	51847.	5795.5	96.352	4163.6

Sample Name: K3249-19 Acquired: 6/10/2019 21:33:12 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24IR Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	.00071	.00302	.00214	-.00257	-.01565	.12496
Stddev	.00315	.00100	.00111	.00057	.00039	.00480	.00073
%RSD	119.30	140.61	36.724	26.721	15.241	30.652	.58420

#1	-.00470	.00015	.00340	.00203	-.00302	-.01813	.12433
#2	-.00420	.00012	.00177	.00164	-.00226	-.01012	.12479
#3	.00099	.00187	.00389	.00276	-.00245	-.01869	.12576

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00005	28.591	.00072	.00080	.00500	-.00367
Stddev	.00005	.00004	.166	.00009	.00022	.00010	.00043
%RSD	167.14	84.994	.57993	12.503	27.636	2.0745	11.681

#1	.00003	.00010	28.399	.00070	.00096	.00498	-.00415
#2	.00007	.00002	28.696	.00082	.00089	.00490	-.00356
#3	-.00002	.00003	28.676	.00064	.00055	.00511	-.00331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00842	8.0254	.00244	-.00064	45.554	.00034	.03555
Stddev	.00010	.0316	.00066	.00013	.230	.00028	.00029
%RSD	1.1848	.39392	26.975	19.504	.50506	81.387	.81882

#1	.00838	8.0209	.00172	-.00078	45.345	.00067	.03530
#2	.00854	8.0591	.00300	-.00053	45.515	.00018	.03550
#3	.00835	7.9963	.00260	-.00063	45.801	.00018	.03587

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3478	-.00078	.08423	F 15.156	6.6225	-.00621	-.00095
Stddev	.0572	.00014	.00126	.084	.0290	.00002	.00077
%RSD	1.0688	18.356	1.4947	.55159	.43807	.27250	81.426

#1	5.3346	-.00084	.08436	15.115	6.5949	-.00622	-.00010
#2	5.2984	-.00089	.08292	15.100	6.6527	-.00619	-.00160
#3	5.4104	-.00062	.08543	15.252	6.6199	-.00621	-.00114

Sample Name: K3249-19 Acquired: 6/10/2019 21:33:12 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24IR Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00773	-.0007	.74029	.31553	F<.00000
Stddev	.00063	.0015	.00510	.12767	.55769
%RSD	8.1029	215.0	.68876	40.461	21.082

#1	.00824	-.0025	.73452	.22204	-2.0063
#2	.00703	-.0000	.74218	.46098	-2.8961
#3	.00791	.0004	.74417	.26356	-3.0337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.2	51676.	5860.5	96.011	4160.0
Stddev	11.9	56.	14.6	.744	13.7
%RSD	.33931	.10793	.24971	.77492	.32869

#1	3511.0	51612.	5872.5	96.290	4163.1
#2	3532.0	51714.	5844.2	96.575	4171.8
#3	3511.7	51702.	5864.8	95.168	4145.0

Sample Name: K3117-04 Acquired: 6/10/2019 21:37:38 Type: Unk
Method: P4-ICP2(v3188) 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	-.00032	-.00570	.00736	.00378	-.00124	-.00871	.05583
Stddev	.00124	.00123	.00097	.00059	.00184	.01009	.00043
%RSD	392.70	21.596	13.171	15.626	148.16	115.92	.76308

#1	.00092	-.00503	.00846	.00399	-.00071	-.01764	.05565
#2	-.00032	-.00712	.00699	.00311	.00027	.00224	.05632
#3	-.00155	-.00495	.00664	.00424	-.00329	-.01072	.05553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00002	164.22	.04542	.00844	.00092	-.00672
Stddev	.00004	.00005	1.41	.00053	.00008	.00012	.00097
%RSD	29.553	278.94	.85969	1.1771	.99287	13.193	14.393

#1	-.00016	-.00003	162.60	.04553	.00852	.00099	-.00780
#2	-.00013	-.00006	164.86	.04589	.00835	.00078	-.00593
#3	-.00009	.00004	165.20	.04484	.00845	.00099	-.00643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03081	10.926	.00145	-.00183	296.81	.00491	.03308
Stddev	.00006	.032	.00029	.00048	2.46	.00015	.00023
%RSD	.19394	.29716	19.717	26.301	.82927	3.0641	.68150

#1	.03086	10.963	.00147	-.00209	294.95	.00493	.03303
#2	.03083	10.912	.00115	-.00213	299.60	.00476	.03332
#3	.03074	10.903	.00172	-.00128	295.88	.00506	.03288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.184	.00068	.07650	F 17.673	6.5730	-.00597	-.00400
Stddev	.036	.00024	.00757	.085	.0293	.00062	.00082
%RSD	.32451	35.086	9.9013	.47836	.44618	10.433	20.443

#1	11.223	.00073	.07815	17.654	6.5393	-.00550	-.00371
#2	11.178	.00043	.06824	17.765	6.5870	-.00573	-.00493
#3	11.151	.00090	.08312	17.600	6.5927	-.00667	-.00338

Sample Name: K3117-04 Acquired: 6/10/2019 21:37:38 Type: Unk
 Method: P4-ICP2(v3188) 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	.02742	.0052	1.1347	1.8183	F<.00000
Stddev	.00178	.0012	.0060	.2255	.75367
%RSD	6.4821	24.04	.53166	12.400	11.919

#1	.02542	.0050	1.1280	1.9600	-6.4353
#2	.02803	.0040	1.1365	1.9367	-7.0146
#3	.02882	.0065	1.1397	1.5583	-5.5198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.3	48442.	5793.3	94.796	3762.8
Stddev	9.3	140.	19.8	1.348	19.3
%RSD	.27691	.28957	.34139	1.4219	.51353

#1	3341.5	48287.	5815.9	96.351	3766.6
#2	3333.5	48476.	5784.8	93.949	3741.8
#3	3352.0	48561.	5779.2	94.089	3779.9

Sample Name: K3163-06 Acquired: 6/10/2019 21:42:12 Type: Unk
Method: P4-ICP2(v3188) 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	-.00168	-.00623	.00349	.00357	-.00194	.09247	.15939
Stddev	.00243	.00114	.00109	.00351	.00200	.00075	.00083
%RSD	144.97	18.259	31.304	98.245	103.06	.80581	.52259

#1	-.00034	-.00515	.00429	.00762	-.00176	.09273	.15873
#2	-.00448	-.00742	.00394	.00161	-.00004	.09162	.15911
#3	-.00021	-.00613	.00224	.00148	-.00403	.09304	.16032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00024	27.341	-.00050	.02023	.00640	.03068
Stddev	.00005	.00003	.222	.00022	.00010	.00040	.00052
%RSD	170.17	11.503	.81330	42.861	.48207	6.2004	1.6995

#1	.00002	.00023	27.149	-.00040	.02016	.00604	.03037
#2	-.00004	.00022	27.291	-.00075	.02034	.00682	.03038
#3	-.00008	.00027	27.585	-.00035	.02020	.00635	.03128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8418	4.3352	.00270	-.00013	302.63	-.00921	.02764
Stddev	.0079	.0314	.00025	.00033	2.26	.00019	.00027
%RSD	.42831	.72340	9.3670	261.29	.74742	2.0699	.96703

#1	1.8504	4.3564	.00254	-.00033	301.13	-.00912	.02741
#2	1.8400	4.2992	.00258	-.00032	305.23	-.00909	.02793
#3	1.8349	4.3501	.00299	.00026	301.53	-.00943	.02756

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1144	-.00059	.01534	.33718	1.6070	.00067	.00095
Stddev	.0156	.00009	.00782	.00327	.0135	.00095	.00112
%RSD	1.4008	15.689	51.004	.97109	.84028	141.18	118.16

#1	1.0963	-.00057	.01088	.33364	1.6156	.00176	-.00033
#2	1.1227	-.00069	.02437	.33779	1.5914	.00006	.00140
#3	1.1240	-.00051	.01076	.34010	1.6139	.00019	.00178

Sample Name: K3163-06 Acquired: 6/10/2019 21:42:12 Type: Unk
 Method: P4-ICP2(v3188) 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	.00458	.0065	.11334	1.7093	F<.00000
Stddev	.00114	.0003	.00030	.3174	.76856
%RSD	24.883	5.224	.26255	18.570	10.743

#1	.00389	.0064	.11358	1.8828	-6.2793
#2	.00590	.0069	.11301	1.9022	-7.4610
#3	.00396	.0062	.11345	1.3430	-7.7216

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.5	49207.	5856.5	93.581	3817.8
Stddev	22.6	155.	29.1	.760	33.1
%RSD	.65992	.31553	.49690	.81228	.86787

#1	3445.6	49083.	5823.5	93.250	3855.5
#2	3406.1	49157.	5878.4	94.450	3804.9
#3	3406.9	49381.	5867.6	93.042	3793.1

Sample Name: K3163-06DUP Acquired: 6/10/2019 21:46:46 Type: Unk
Method: P4-ICP2(v3188) 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	.00079	-.00562	.00343	.00372	-.00107	.10315	.16022
Stddev	.00253	.00223	.00100	.00241	.00059	.01296	.00068
%RSD	320.70	39.674	29.027	64.599	54.424	12.568	.42330

#1	.00346	-.00703	.00322	.00356	-.00082	.11570	.15961
#2	-.00157	-.00679	.00452	.00621	-.00066	.08981	.16009
#3	.00047	-.00305	.00256	.00141	-.00174	.10394	.16095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00023	27.795	-.00057	.02038	.00681	.03193
Stddev	.00005	.00007	.232	.00061	.00008	.00035	.00109
%RSD	606.19	32.110	.83549	106.80	.41553	5.1410	3.4107

#1	-.00004	.00022	27.528	-.00126	.02044	.00692	.03156
#2	.00005	.00031	27.902	-.00036	.02042	.00709	.03108
#3	.00002	.00017	27.954	-.00010	.02028	.00641	.03316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8906	4.3754	.00310	-.00005	303.39	-.00895	.02818
Stddev	.0076	.1155	.00007	.00039	3.82	.00014	.00010
%RSD	.40200	2.6402	2.1073	786.63	1.2582	1.5152	.36405

#1	1.8831	4.2421	.00315	.00006	299.25	-.00906	.02826
#2	1.8905	4.4448	.00303	.00027	304.16	-.00898	.02822
#3	1.8983	4.4394	.00312	-.00048	306.76	-.00880	.02807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1461	-.00069	.00673	.34080	1.6430	.00065	.00088
Stddev	.0152	.00036	.01305	.00256	.0099	.00056	.00147
%RSD	1.3230	51.737	193.96	.75220	.60317	86.024	166.91

#1	1.1521	-.00109	.01828	.34275	1.6321	.00115	.00035
#2	1.1288	-.00043	-.00743	.33790	1.6514	.00076	-.00025
#3	1.1573	-.00054	.00934	.34176	1.6455	.00004	.00254

Sample Name: K3163-06DUP Acquired: 6/10/2019 21:46:46 Type: Unk
Method: P4-ICP2(v3188) 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	.00308	.0059	.11483	2.3514	F<.00000
Stddev	.00228	.0015	.00038	.0599	1.2293
%RSD	74.024	24.97	.33026	2.5459	15.922

#1	.00348	.0064	.11442	2.3423	-6.3041
#2	.00062	.0043	.11489	2.4153	-8.3532
#3	.00513	.0071	.11518	2.2966	-8.5055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3362.6	48095.	5700.0	92.933	3761.1
Stddev	9.2	75.	24.6	1.476	11.2
%RSD	.27434	.15593	.43181	1.5886	.29747

#1	3353.8	48029.	5713.3	93.542	3748.6
#2	3372.2	48177.	5671.6	94.008	3764.7
#3	3361.6	48080.	5715.2	91.250	3770.1

Sample Name: CCV12 Acquired: 6/10/2019 21:51:21 Type: Unk
Method: P4-ICP2(v3188) 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	4.7426	4.9112	4.7421	4.8131	4.7782	9.2266	9.6249	.23350
Stddev	.0195	.0080	.0126	.0133	.0104	.0675	.0317	.00119
%RSD	.41069	.16333	.26665	.27703	.21651	.73172	.32923	.51084
#1	4.7209	4.9020	4.7293	4.8019	4.7668	9.1959	9.6002	.23272
#2	4.7584	4.9148	4.7545	4.8278	4.7871	9.1799	9.6139	.23290
#3	4.7487	4.9168	4.7426	4.8095	4.7806	9.3040	9.6606	.23487
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3859	25.797	.97427	2.3774	1.1780	4.7069	2.4119	F 22.478
Stddev	.0036	.114	.00454	.0017	.0065	.0141	.0107	.070
%RSD	.15100	.44106	.46573	.07109	.55526	.29961	.44551	.31124
#1	2.3822	25.668	.97404	2.3759	1.1719	4.7032	2.4097	22.526
#2	2.3894	25.837	.96986	2.3772	1.1849	4.6951	2.4024	22.398
#3	2.3860	25.885	.97892	2.3792	1.1771	4.7225	2.4236	22.511
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3738	1.2050	24.247	2.5837	2.3525	23.898	4.7692	F 4.3887
Stddev	.0026	.0048	.011	.0130	.0009	.039	.0157	.0316
%RSD	.10890	.39579	.04687	.50116	.03712	.16202	.32871	.71913
#1	2.3709	1.2069	24.233	2.5776	2.3519	23.941	4.7525	4.3964
#2	2.3760	1.1995	24.252	2.5750	2.3535	23.885	4.7837	4.3540
#3	2.3744	1.2084	24.254	2.5986	2.3522	23.867	4.7713	4.4156
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7783	4.7526	4.8448	4.7090	4.7949	5.135	4.8320	F 2.0025
Stddev	.0043	.0234	.0121	.0256	.0186	.008	.0172	.0538
%RSD	.09109	.49183	.24869	.54472	.38758	.1538	.35640	2.6870
#1	4.7735	4.7257	4.8516	4.6825	4.7739	5.126	4.8161	1.9409
#2	4.7821	4.7683	4.8520	4.7110	4.8012	5.138	4.8503	2.0406
#3	4.7792	4.7637	4.8309	4.7336	4.8094	5.140	4.8296	2.0258

Sample Name: CCV12 Acquired: 6/10/2019 21:51:21 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4964
Stddev .3577
%RSD 14.330

#1 2.8974
#2 2.2100
#3 2.3818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.4	49491.	5622.8	89.654	3787.5
Stddev	7.7	120.	14.5	1.313	1.5
%RSD	.22538	.24177	.25859	1.4647	.04005

#1	3410.5	49469.	5628.6	89.989	3785.7
#2	3395.3	49619.	5606.2	88.205	3788.6
#3	3404.5	49383.	5633.5	90.767	3788.0

Sample Name: CCB12 Acquired: 6/10/2019 21:55:20 Type: Unk
Method: P4-ICP2(v3188) 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	.00330	.00155	-.00043	.00128	-.00155	-.01802	.00143
Stddev	.00075	.00079	.00066	.00188	.00095	.00199	.00064
%RSD	22.729	50.630	153.56	146.53	61.504	11.022	44.765

#1	.00344	.00136	-.00108	.00296	-.00047	-.01943	.00077
#2	.00249	.00242	.00024	-.00075	-.00188	-.01575	.00205
#3	.00397	.00088	-.00046	.00164	-.00229	-.01887	.00146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00010	-.01447	-.00001	.00012	-.00166	-.00194
Stddev	.00005	.00003	.00967	.00014	.00006	.00035	.00049
%RSD	97.967	26.339	66.808	1308.6	47.864	20.987	25.097

#1	-.00005	.00013	-.01128	.00011	.00018	-.00188	-.00158
#2	.00000	.00008	-.02533	.00003	.00011	-.00183	-.00175
#3	-.00010	.00009	-.00681	-.00017	.00006	-.00126	-.00249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01989	-.00008	.00010	.29914	.00029	-.00020
Stddev	.00001	.04258	.00045	.00011	.00842	.00028	.00002
%RSD	15.109	214.08	554.22	102.20	2.8152	96.623	9.0684

#1	-.00006	.04374	-.00060	.00015	.30783	.00029	-.00020
#2	-.00008	-.02927	.00020	-.00002	.29858	.00057	-.00019
#3	-.00009	.04520	.00016	.00018	.29102	.00001	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03645	.00019	.00094	-.00221	-.00237	-.00066	.00103
Stddev	.02386	.00020	.00428	.00228	.00014	.00028	.00081
%RSD	65.462	109.16	453.31	103.25	6.0955	42.931	78.822

#1	-.06400	.00042	.00113	-.00367	-.00250	-.00034	.00016
#2	-.02211	.00004	.00513	-.00338	-.00221	-.00074	.00176
#3	-.02325	.00010	-.00343	.00042	-.00239	-.00089	.00117

Sample Name: CCB12 Acquired: 6/10/2019 21:55:20 Type: Unk
 Method: P4-ICP2(v3188) 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	.00164	-.0020	-.00002	F .26463	F<.00000
Stddev	.00018	.0013	.00002	.13671	.96902
%RSD	11.151	65.03	70.705	51.660	162.95
#1	.00185	-.0034	-.00003	.25637	.41070
#2	.00155	-.0008	-.00000	.40527	-.67206
#3	.00151	-.0019	-.00003	.13223	-1.5227
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.5	51751.	5652.8	93.739	4253.2
Stddev	20.1	57.	37.9	1.091	17.3
%RSD	.56404	.11090	.67101	1.1634	.40627
#1	3540.1	51765.	5615.1	94.450	4234.4
#2	3579.0	51688.	5652.5	92.483	4268.4
#3	3568.4	51800.	5690.9	94.283	4256.7

Sample Name: K3163-06LX5 Acquired: 6/10/2019 21:59:50 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00095	.00024	.00236	-.00128	.00032	.03311
Stddev	.00161	.00108	.00065	.00089	.00093	.00241	.00033
%RSD	123.24	113.33	270.84	37.879	72.055	752.29	.98868

#1	-.00032	.00134	.00093	.00324	-.00228	.00264	.03273
#2	.00134	.00178	.00016	.00240	-.00113	.00050	.03324
#3	.00289	-.00027	-.00036	.00145	-.00044	-.00218	.03335

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00011	5.8311	-.00036	.00424	.00057	.00505
Stddev	.00003	.00001	.0207	.00021	.00023	.00052	.00036
%RSD	23.201	9.1486	.35447	57.413	5.3670	91.500	7.1527

#1	-.00012	.00010	5.8072	-.00012	.00426	-.00003	.00481
#2	-.00010	.00012	5.8419	-.00051	.00400	.00086	.00546
#3	-.00016	.00011	5.8441	-.00044	.00445	.00088	.00488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39047	.88849	-.00022	.00012	61.590	-.00174	.00551
Stddev	.00100	.02944	.00061	.00052	.284	.00020	.00012
%RSD	.25538	3.3136	282.75	453.95	.46070	11.519	2.1850

#1	.39045	.89193	.00042	-.00048	61.270	-.00168	.00537
#2	.39148	.85748	-.00080	.00050	61.688	-.00196	.00557
#3	.38949	.91606	-.00028	.00032	61.811	-.00157	.00559

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18484	-.00057	.00079	.06914	.35809	-.00011	.00002
Stddev	.01508	.00017	.01178	.00210	.00442	.00029	.00045
%RSD	8.1569	30.504	1488.5	3.0318	1.2335	265.55	2116.4

#1	.17129	-.00067	-.01026	.07106	.36305	.00014	-.00044
#2	.20108	-.00068	-.00056	.06946	.35459	-.00042	.00003
#3	.18215	-.00037	.01319	.06690	.35663	-.00004	.00047

Sample Name: K3163-06LX5 Acquired: 6/10/2019 21:59:50 Type: Unk
Method: P4-ICP2(v3188) 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	.00022	.0014	.02383	1.5613	F<.00000
Stddev	.00017	.0006	.00014	.1496	1.5421
%RSD	78.326	43.76	.59112	9.5809	36.691

#1	.00003	.0016	.02369	1.6793	-5.0554
#2	.00038	.0007	.02385	1.6115	-5.1306
#3	.00025	.0019	.02397	1.3930	-2.4228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3469.2	49534.	5561.8	91.559	3980.7
Stddev	17.3	58.	18.2	1.209	5.3
%RSD	.49803	.11802	.32700	1.3206	.13196

#1	3452.3	49598.	5544.3	92.951	3983.8
#2	3468.5	49485.	5560.4	90.954	3974.6
#3	3486.9	49518.	5580.6	90.772	3983.5

Sample Name: K3163-06MS Acquired: 6/10/2019 22:04:18 Type: Unk
Method: P4-ICP2(v3188) 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	.76117	1.8787	.92806	1.9842	.75678	2.0803	.36775	.19149
Stddev	.00045	.0085	.00157	.0085	.00174	.0393	.00133	.00058
%RSD	.05894	.45183	.16959	.42707	.22964	1.8904	.36126	.30177
#1	.76127	1.8885	.92981	1.9939	.75857	2.0518	.36633	.19092
#2	.76068	1.8745	.92760	1.9783	.75667	2.1251	.36896	.19208
#3	.76156	1.8732	.92677	1.9805	.75510	2.0639	.36796	.19148
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19280	29.761	.41076	.21570	.29353	2.9653	2.0929	6.2410
Stddev	.00036	.310	.00170	.00026	.00089	.0089	.0046	.1180
%RSD	.18715	1.0420	.41432	.12215	.30313	.30182	.22195	1.8908
#1	.19320	29.403	.40889	.21585	.29455	2.9551	2.0885	6.1517
#2	.19249	29.931	.41221	.21539	.29298	2.9719	2.0978	6.3748
#3	.19272	29.948	.41119	.21585	.29305	2.9689	2.0925	6.1964
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48554	.07069	308.34	.30386	.22461	11.633	.39575	.30589
Stddev	.00134	.00023	4.04	.00144	.00102	.188	.00151	.00855
%RSD	.27652	.33179	1.3090	.47360	.45455	1.6183	.38142	2.7964
#1	.48705	.07073	303.75	.30223	.22575	11.439	.39749	.30734
#2	.48447	.07044	311.34	.30439	.22430	11.815	.39498	.31362
#3	.48511	.07090	309.93	.30496	.22379	11.644	.39479	.29670
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33595	2.5008	.68406	.19912	.21131	6.397	.31735	2.7325
Stddev	.00084	.0219	.00182	.00327	.00185	.020	.00178	.1015
%RSD	.25064	.87740	.26608	1.6423	.87352	.3064	.56029	3.7134
#1	.33687	2.5117	.68607	.19755	.20925	6.412	.31579	2.8056
#2	.33522	2.4756	.68252	.19693	.21185	6.403	.31698	2.7752
#3	.33576	2.5153	.68358	.20287	.21282	6.375	.31929	2.6166

Sample Name: K3163-06MS Acquired: 6/10/2019 22:04:18 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.82016
%RSD	214.03

#1	.53542
#2	-1.0419
#3	-.64314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.2	47967.	5599.6	91.396	3734.1
Stddev	14.5	137.	36.1	1.811	13.2
%RSD	.43402	.28573	.64517	1.9819	.35291

#1	3327.5	48088.	5596.0	89.306	3719.2
#2	3353.7	47818.	5637.5	92.378	3744.2
#3	3351.4	47995.	5565.5	92.505	3738.9

Sample Name: K3163-06MSD Acquired: 6/10/2019 22:08:36 Type: Unk
Method: P4-ICP2(v3188) 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	.77106	1.8978	.93777	2.0042	.76239	2.1015	.37120	.19276	.19444
Stddev	.00206	.0070	.00109	.0087	.00375	.0160	.00179	.00073	.00035
%RSD	.26777	.36710	.11604	.43582	.49158	.76006	.48329	.37829	.17817

#1	.77184	1.9015	.93893	2.0134	.76668	2.1052	.37327	.19347	.19484
#2	.76872	1.9022	.93677	1.9961	.76077	2.0841	.37006	.19201	.19428
#3	.77262	1.8898	.93761	2.0030	.75973	2.1154	.37028	.19280	.19421

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.097	.41302	.21784	.29562	2.9851	2.1228	6.3105	.49010	.07105
Stddev	.175	.00121	.00084	.00027	.0084	.0007	.0887	.00118	.00014
%RSD	.58060	.29416	.38377	.09229	.28285	.03340	1.4049	.24057	.19525

#1	29.895	.41166	.21878	.29585	2.9949	2.1233	6.2972	.49145	.07117
#2	30.197	.41341	.21754	.29532	2.9801	2.1231	6.2293	.48960	.07107
#3	30.198	.41400	.21719	.29569	2.9803	2.1220	6.4051	.48926	.07090

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	311.20	.30547	.22662	11.747	.39776	.28958	.33905	2.5288	.69008
Stddev	1.94	.00043	.00063	.072	.00117	.00450	.00449	.0204	.00111
%RSD	.62355	.14079	.27919	.61488	.29445	1.5555	1.3249	.80640	.16084

#1	309.11	.30586	.22707	11.771	.39907	.29392	.33910	2.5070	.69132
#2	311.56	.30555	.22689	11.665	.39682	.28492	.34352	2.5474	.68919
#3	312.94	.30501	.22589	11.804	.39738	.28989	.33454	2.5321	.68972

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20030	.21405	6.474	.31936	2.8012	.12673
Stddev	.00178	.00357	.011	.00186	.0367	.63741
%RSD	.88865	1.6675	.1656	.58111	1.3108	502.97

#1	.19872	.20995	6.486	.31763	2.8129	.80760
#2	.20223	.21649	6.468	.32132	2.8307	-.45579
#3	.19995	.21570	6.468	.31913	2.7601	.02837

Sample Name: K3163-06MSD Acquired: 6/10/2019 22:08:36 Type: Unk
Method: P4-ICP2(v3188) 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	3335.3	47943.	5601.7	91.150	3715.1
Stddev	13.8	144.	34.5	.437	13.5
%RSD	.41438	.30011	.61561	.47943	.36263
#1	3322.5	47818.	5615.5	91.337	3702.7
#2	3333.4	47911.	5562.5	90.651	3713.3
#3	3350.0	48101.	5627.2	91.462	3729.4

Sample Name: K3163-06A Acquired: 6/10/2019 22:12:54 Type: Unk
Method: P4-ICP2(v3188) 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	.76499	1.8850	.93089	1.9897	.75656	2.0932	.36955	.19128	.19307
Stddev	.00560	.0094	.00149	.0080	.00417	.0084	.00085	.00050	.00040
%RSD	.73243	.49904	.16001	.40379	.55103	.39957	.23036	.26400	.20910

#1	.77068	1.8956	.93249	1.9941	.76129	2.1028	.37047	.19147	.19335
#2	.76479	1.8776	.92954	1.9947	.75497	2.0877	.36880	.19166	.19325
#3	.75948	1.8819	.93065	1.9805	.75342	2.0891	.36937	.19071	.19261

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.137	.41038	.21657	.29296	2.9622	2.1040	6.2781	.48752	.07129
Stddev	.068	.00143	.00047	.00118	.0062	.0032	.1100	.00073	.00051
%RSD	.22584	.34924	.21725	.40192	.20835	.15417	1.7515	.14943	.72201

#1	30.059	.41203	.21711	.29405	2.9670	2.1067	6.2355	.48829	.07186
#2	30.178	.40939	.21624	.29311	2.9644	2.1049	6.1958	.48740	.07115
#3	30.175	.40973	.21635	.29171	2.9553	2.1004	6.4030	.48685	.07086

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	311.94	.30410	.22539	11.749	.39544	.29826	.33598	2.5326	.68688
Stddev	.78	.00205	.00038	.059	.00250	.01204	.00403	.0112	.00166
%RSD	.24847	.67324	.17036	.50456	.63222	4.0351	1.1997	.44280	.24117

#1	312.35	.30578	.22570	11.788	.39824	.29694	.34009	2.5208	.68739
#2	311.05	.30469	.22551	11.681	.39465	.28693	.33581	2.5432	.68503
#3	312.42	.30182	.22496	11.778	.39344	.31089	.33204	2.5338	.68822

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19911	.21569	6.428	.31943	2.3770	.31035
Stddev	.00179	.00258	.023	.00248	.2138	1.2130
%RSD	.89734	1.1970	.3565	.77490	8.9946	390.83

#1	.20116	.21524	6.454	.31714	2.5075	1.2813
#2	.19783	.21847	6.415	.32205	2.4933	.69904
#3	.19836	.21337	6.414	.31910	2.1303	-1.0493

Sample Name: K3163-06A Acquired: 6/10/2019 22:12:54 Type: Unk
Method: P4-ICP2(v3188) 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	3374.2	48183.	5624.2	93.067	3751.9
Stddev	20.1	181.	25.5	.882	10.4
%RSD	.59687	.37476	.45366	.94790	.27627
#1	3353.6	47976.	5642.0	92.337	3740.3
#2	3375.1	48306.	5595.0	94.047	3755.1
#3	3393.8	48267.	5635.7	92.817	3760.2

Sample Name: K3163-08 Acquired: 6/10/2019 22:17:10 Type: Unk
Method: P4-ICP2(v3188) 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	-.00033	-.00442	.00333	.00232	-.00116	.18677	.13817
Stddev	.00199	.00207	.00074	.00388	.00054	.00881	.00092
%RSD	593.79	46.882	22.271	167.47	46.142	4.7154	.66243

#1	-.00258	-.00677	.00398	.00559	-.00054	.18256	.13911
#2	.00039	-.00290	.00348	.00335	-.00147	.18085	.13729
#3	.00119	-.00357	.00252	-.00198	-.00147	.19689	.13810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00025	19.040	.00015	.00722	.00691	.01187
Stddev	.00004	.00002	.228	.00027	.00023	.00015	.00083
%RSD	639.75	8.5244	1.1983	182.57	3.1406	2.1342	7.0150

#1	.00005	.00023	18.777	.00017	.00737	.00677	.01279
#2	-.00004	.00024	19.169	-.00013	.00734	.00690	.01167
#3	.00001	.00027	19.175	.00040	.00696	.00706	.01116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0563	3.0302	.00366	.00014	308.33	-.00525	.02774
Stddev	.0017	.0139	.00039	.00073	4.23	.00028	.00029
%RSD	.16079	.45748	10.570	508.58	1.3703	5.2583	1.0390

#1	1.0569	3.0263	.00374	-.00020	303.75	-.00496	.02771
#2	1.0544	3.0188	.00324	.00098	312.08	-.00551	.02746
#3	1.0576	3.0457	.00400	-.00035	309.17	-.00528	.02804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4241	-.00061	.01265	.28610	1.5015	.00115	.00035
Stddev	.0187	.00053	.00478	.00152	.0073	.00084	.00140
%RSD	1.3101	87.905	37.791	.53179	.48826	72.441	401.70

#1	1.4441	-.00000	.01746	.28611	1.4939	.00092	.00139
#2	1.4209	-.00102	.00790	.28457	1.5020	.00046	.00090
#3	1.4072	-.00080	.01259	.28761	1.5085	.00208	-.00125

Sample Name: K3163-08 Acquired: 6/10/2019 22:17:10 Type: Unk
 Method: P4-ICP2(v3188) 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	.00523	.0018	.08604	2.2474	F<.00000
Stddev	.00082	.0036	.00022	.1256	.55896
%RSD	15.692	199.6	.25459	5.5882	7.1382

#1	.00572	.0045	.08579	2.1495	-7.5604
#2	.00428	-.0023	.08622	2.3890	-8.4733
#3	.00570	.0031	.08610	2.2038	-7.4581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.2	48090.	5659.2	92.797	3752.2
Stddev	18.6	55.	26.1	1.160	21.1
%RSD	.55560	.11341	.46146	1.2501	.56272

#1	3346.7	48044.	5683.6	92.725	3736.3
#2	3372.9	48077.	5631.7	91.675	3776.2
#3	3336.9	48150.	5662.2	93.992	3744.2

Sample Name: K3262-01 Acquired: 6/10/2019 22:21:46 Type: Unk
Method: P4-ICP2(v3188) 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	.00055	-.00491	.15088	.00492	.00160	.06559	.20062
Stddev	.00253	.00012	.00068	.00136	.00104	.00953	.00105
%RSD	464.14	2.4335	.44904	27.708	64.893	14.528	.52256

#1	-.00022	-.00478	.15010	.00474	.00076	.05560	.19955
#2	-.00151	-.00495	.15128	.00365	.00276	.06657	.20165
#3	.00338	-.00501	.15126	.00636	.00128	.07458	.20066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00442	98.742	.00050	.00935	.16349	.03426
Stddev	.00000	.00003	.815	.00042	.00031	.00091	.00082
%RSD	2.9212	.60473	.82539	84.360	3.3574	.55920	2.3996

#1	-.00015	.00445	97.807	.00036	.00941	.16247	.03333
#2	-.00015	.00441	99.300	.00097	.00902	.16378	.03454
#3	-.00015	.00439	99.121	.00017	.00964	.16423	.03491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87053	4.0357	.01900	-.00110	322.11	-.00407	.73363
Stddev	.00289	.0315	.00083	.00010	3.04	.00053	.00289
%RSD	.33162	.78032	4.3509	9.2232	.94245	13.076	.39461

#1	.86793	4.0042	.01808	-.00115	320.08	-.00435	.73112
#2	.87364	4.0357	.01924	-.00099	325.60	-.00440	.73298
#3	.87001	4.0672	.01968	-.00117	320.64	-.00345	.73680

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5721	-.00037	.01440	2.9796	2.8254	.00062	.00003
Stddev	.0081	.00013	.00735	.0220	.0116	.00041	.00074
%RSD	.31318	36.562	51.053	.73664	.40922	66.108	2272.0

#1	2.5719	-.00045	.02247	2.9695	2.8121	.00089	-.00075
#2	2.5641	-.00043	.01266	2.9646	2.8326	.00015	.00012
#3	2.5802	-.00021	.00808	3.0048	2.8315	.00084	.00072

Sample Name: K3262-01 Acquired: 6/10/2019 22:21:46 Type: Unk
Method: P4-ICP2(v3188) 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	.01337	.0032	.39121	2.5738	F<.00000
Stddev	.00162	.0010	.00324	.1385	1.3582
%RSD	12.086	29.93	.82810	5.3824	19.139

#1	.01154	.0041	.38752	2.5639	-5.7216
#2	.01401	.0022	.39360	2.7171	-7.1307
#3	.01457	.0033	.39250	2.4406	-8.4374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.2	47242.	5644.0	90.901	3659.5
Stddev	11.3	162.	9.7	1.354	9.8
%RSD	.34745	.34303	.17106	1.4899	.26913

#1	3265.0	47265.	5647.7	91.229	3665.3
#2	3266.3	47069.	5633.1	89.413	3665.1
#3	3246.1	47391.	5651.3	92.061	3648.1

Sample Name: K3236-02 Acquired: 6/10/2019 22:26:16 Type: Unk
Method: P4-ICP2(v3188) 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	.00019	.00080	.00042	.00103	-.00267	-.00697	.03770
Stddev	.00183	.00112	.00049	.00448	.00129	.01562	.00068
%RSD	943.75	138.85	115.99	434.05	48.215	224.23	1.8076

#1	.00227	.00051	.00077	.00443	-.00414	-.01611	.03696
#2	-.00117	.00204	-.00014	-.00404	-.00178	-.01585	.03830
#3	-.00052	-.00014	.00063	.00270	-.00208	.01107	.03784

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00004	15.954	.00018	.00008	-.00071	.00294
Stddev	.00012	.00001	.069	.00012	.00008	.00052	.00037
%RSD	179.16	34.037	.43294	67.194	110.72	72.900	12.607

#1	-.00011	.00005	15.875	.00013	.00011	-.00066	.00332
#2	-.00015	.00003	15.991	.00009	-.00002	-.00022	.00258
#3	.00007	.00002	15.997	.00031	.00013	-.00126	.00291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12100	5.3733	-.00002	-.00004	20.461	.00054	.01262
Stddev	.00045	.0503	.00040	.00019	.188	.00025	.00003
%RSD	.37000	.93649	1995.5	458.62	.91741	45.475	.25745

#1	.12111	5.3346	.00036	.00014	20.288	.00029	.01265
#2	.12050	5.3552	.00001	-.00024	20.433	.00078	.01259
#3	.12138	5.4302	-.00043	-.00003	20.661	.00056	.01263

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3038	.00316	.03384	5.8127	1.7965	-.00213	.00066
Stddev	.0285	.00043	.00886	.0131	.0066	.00024	.00143
%RSD	1.2388	13.541	26.192	.22478	.36548	11.237	217.24

#1	2.2725	.00297	.02410	5.8252	1.8031	-.00212	-.00064
#2	2.3283	.00286	.04144	5.7991	1.7900	-.00189	.00218
#3	2.3106	.00365	.03599	5.8137	1.7962	-.00237	.00043

Sample Name: K3236-02 Acquired: 6/10/2019 22:26:16 Type: Unk
 Method: P4-ICP2(v3188) 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	.00329	.0018	.07033	1.0662	F<.00000
Stddev	.00060	.0011	.00034	.0715	1.1488
%RSD	18.274	62.33	.48570	6.7027	112.44
#1	.00360	.0011	.06995	1.0397	-1.3946
#2	.00259	.0012	.07044	1.0119	.26720
#3	.00366	.0031	.07061	1.1472	-1.9379
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.5	50230.	5606.8	94.419	4077.6
Stddev	10.7	10.	30.5	1.636	5.2
%RSD	.31142	.02073	.54372	1.7322	.12804
#1	3439.1	50238.	5573.4	92.585	4072.9
#2	3418.2	50234.	5633.2	95.726	4083.2
#3	3425.0	50218.	5613.6	94.947	4076.6

Sample Name: K3236-02DUP Acquired: 6/10/2019 22:30:40 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00008	.00012	.00306	-.00169	-.01553	.03897	-.00015
Stddev	.00188	.00091	.00027	.00321	.00086	.01334	.00033	.00009
%RSD	119.23	1198.2	226.16	104.88	50.725	85.899	.84801	61.491

#1	-.00059	.00029	.00044	.00525	-.00073	-.03009	.03924	-.00005
#2	.00281	.00059	-.00004	-.00062	-.00237	-.01259	.03860	-.00017
#3	.00250	-.00112	-.00003	.00455	-.00198	-.00390	.03907	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	16.326	.00090	-.00011	-.00056	.00611	.12336	5.4169
Stddev	.00003	.130	.00031	.00026	.00036	.00026	.00015	.0940
%RSD	156.66	.79588	34.055	246.87	63.607	4.2744	.12056	1.7361

#1	-.00005	16.178	.00125	.00005	-.00075	.00618	.12349	5.3340
#2	-.00002	16.385	.00076	-.00041	-.00078	.00633	.12338	5.3974
#3	.00001	16.417	.00069	.00004	-.00015	.00582	.12320	5.5191

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00031	20.556	.00093	.01391	2.3150	.00320	.02381
Stddev	.00045	.00038	.138	.00040	.00007	.0267	.00044	.00624
%RSD	2603.8	121.92	.67152	43.373	.53727	1.1532	13.659	26.196

#1	.00050	-.00042	20.454	.00074	.01397	2.3114	.00290	.01980
#2	-.00032	.00011	20.501	.00065	.01383	2.2903	.00300	.03100
#3	-.00023	-.00062	20.713	.00139	.01394	2.3434	.00370	.02063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8703	1.8191	-.00227	.00022	.00295	.0019	.07249	1.1946
Stddev	.0064	.0129	.00015	.00169	.00069	.0016	.00048	.1260
%RSD	.10873	.70672	6.7832	753.20	23.413	81.41	.65965	10.544

#1	5.8741	1.8066	-.00237	.00070	.00256	.0012	.07195	1.3317
#2	5.8738	1.8323	-.00209	-.00165	.00254	.0008	.07287	1.0841
#3	5.8629	1.8184	-.00235	.00163	.00375	.0037	.07264	1.1680

Sample Name: K3236-02DUP Acquired: 6/10/2019 22:30:40 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .29424
%RSD 33.123

#1 -.57886
#2 -.92162
#3 -1.1645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.7	50125.	5571.0	90.406	4047.4
Stddev	7.2	66.	22.0	1.838	17.2
%RSD	.21017	.13136	.39516	2.0327	.42419

#1	3419.8	50065.	5572.3	89.387	4030.3
#2	3429.3	50195.	5548.3	89.305	4047.3
#3	3434.0	50114.	5592.3	92.528	4064.7

Sample Name: K3236-02LX5 Acquired: 6/10/2019 22:35:06 Type: Unk
Method: P4-ICP2(v3188) 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	-.00030	.00080	-.00127	-.00143	-.00092	-.01686	.00919	-.00012
Stddev	.00121	.00094	.00068	.00304	.00200	.00956	.00022	.00005
%RSD	399.83	117.99	53.337	213.08	216.33	56.720	2.3871	42.923

#1	-.00086	.00187	-.00111	.00205	-.00084	-.02717	.00905	-.00014
#2	.00108	.00016	-.00201	-.00361	-.00296	-.00828	.00944	-.00016
#3	-.00113	.00035	-.00068	-.00271	.00103	-.01512	.00908	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	3.4030	-.00016	-.00001	-.00148	-.00011	.02583	1.1567
Stddev	.00004	.0163	.00022	.00006	.00054	.00041	.00010	.0629
%RSD	42.489	.47954	136.73	660.28	36.130	362.48	.38368	5.4393

#1	.00011	3.3846	-.00031	-.00008	-.00097	.00019	.02594	1.1520
#2	.00013	3.4087	.00009	.00002	-.00203	-.00058	.02582	1.2218
#3	.00005	3.4156	-.00027	.00003	-.00144	.00005	.02574	1.0962

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00018	4.4961	.00012	.00254	.45337	-.00012	.00278
Stddev	.00018	.00045	.0397	.00006	.00012	.02732	.00037	.01341
%RSD	46.507	250.41	.88301	47.379	4.6525	6.0253	312.19	482.86

#1	-.00058	-.00025	4.4506	.00006	.00263	.43091	.00019	.01655
#2	-.00036	.00065	4.5136	.00015	.00241	.48378	-.00052	-.01024
#3	-.00022	.00014	4.5240	.00016	.00258	.44542	-.00002	.00203

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1983	.39034	-.00155	-.00006	-.00026	.0003	.01494	.79723
Stddev	.0120	.00770	.00088	.00123	.00100	.0019	.00007	.12814
%RSD	.99959	1.9739	56.535	1985.4	381.71	738.8	.49297	16.073

#1	1.2087	.39836	-.00091	.00043	-.00116	.0022	.01487	.73903
#2	1.2010	.38966	-.00118	-.00146	.00081	.0002	.01495	.70852
#3	1.1852	.38300	-.00255	.00084	-.00043	-.0016	.01502	.94414

Sample Name: K3236-02LX5 Acquired: 6/10/2019 22:35:06 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .88100
%RSD 437.60

#1 -.80681
#2 .80937
#3 -.60654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.1	50390.	5556.9	92.086	4139.9
Stddev	3.8	56.	34.6	2.236	5.0
%RSD	.11046	.11139	.62233	2.4276	.12009

#1	3464.5	50414.	5517.6	90.742	4134.9
#2	3466.0	50431.	5570.8	90.850	4144.8
#3	3458.7	50326.	5582.4	94.667	4139.9

Sample Name: K3236-02MS Acquired: 6/10/2019 22:39:35 Type: Unk
Method: P4-ICP2(v3188) 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	.83225	2.1754	1.0417	2.1186	.77442	2.1239	.26883	.20555	.20881
Stddev	.00161	.0062	.0053	.0071	.00166	.0042	.00128	.00036	.00077
%RSD	.19362	.28577	.51043	.33610	.21473	.19797	.47438	.17474	.36988

#1	.83109	2.1698	1.0383	2.1133	.77461	2.1204	.26884	.20514	.20803
#2	.83409	2.1821	1.0478	2.1157	.77268	2.1286	.26755	.20576	.20957
#3	.83156	2.1742	1.0390	2.1267	.77599	2.1227	.27010	.20575	.20884

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.056	.46361	.21763	.32892	3.3306	.34705	7.5214	.53810	.07843
Stddev	.163	.00040	.00084	.00097	.0012	.00053	.0946	.00246	.00008
%RSD	.90019	.08661	.38427	.29494	.03469	.15280	1.2572	.45629	.10055

#1	17.868	.46401	.21668	.33003	3.3318	.34650	7.5614	.53599	.07848
#2	18.155	.46321	.21822	.32844	3.3304	.34711	7.4134	.54079	.07847
#3	18.144	.46359	.21800	.32827	3.3295	.34755	7.5893	.53751	.07834

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	23.857	.34910	.22021	13.414	.40997	.34208	5.8728	2.7061	.68731
Stddev	.138	.00140	.00074	.092	.00114	.00600	.0101	.0305	.00293
%RSD	.57726	.40003	.33498	.68842	.27777	1.7543	.17276	1.1284	.42682

#1	23.756	.35053	.21950	13.347	.40866	.33578	5.8679	2.6944	.68593
#2	23.801	.34901	.22097	13.376	.41060	.34773	5.8845	2.7407	.69068
#3	24.014	.34775	.22017	13.519	.41066	.34272	5.8660	2.6831	.68532

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20184	.23758	6.677	.30332	1.2082	7.8969			
Stddev	.00349	.00185	.009	.00195	.2078	.4766			
%RSD	1.7285	.77865	.1302	.64427	17.197	6.0354			

#1	.19894	.23607	6.669	.30178	1.0012	7.8949			
#2	.20087	.23965	6.686	.30552	1.2067	8.3746			
#3	.20571	.23704	6.675	.30267	1.4167	7.4213			

Sample Name: K3236-02MS Acquired: 6/10/2019 22:39:35 Type: Unk
Method: P4-ICP2(v3188) 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	3433.4	50065.	5572.4	92.386	4000.1
Stddev	10.9	166.	43.0	.183	2.0
%RSD	.31731	.33097	.77119	.19799	.04991
#1	3423.0	49879.	5564.5	92.361	3997.8
#2	3444.7	50195.	5533.9	92.217	4000.7
#3	3432.5	50123.	5618.7	92.581	4001.6

Sample Name: CCV13 Acquired: 6/10/2019 22:43:43 Type: Unk
Method: P4-ICP2(v3188) 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	4.8644	5.0376	4.8486	4.9392	4.9089	9.6075	10.023	.24053
Stddev	.0201	.0038	.0076	.0197	.0234	.0299	.043	.00007
%RSD	.41400	.07506	.15784	.39908	.47626	.31154	.42698	.02847
#1	4.8738	5.0333	4.8504	4.9438	4.9333	9.6095	9.9787	.24045
#2	4.8781	5.0396	4.8552	4.9563	4.9067	9.5767	10.026	.24054
#3	4.8413	5.0399	4.8402	4.9176	4.8867	9.6364	10.064	.24059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4427	26.658	1.0031	2.4362	1.2028	4.8193	2.4854	23.387
Stddev	.0017	.135	.0026	.0031	.0030	.0165	.0029	.123
%RSD	.06992	.50646	.26033	.12579	.25126	.34266	.11725	.52732
#1	2.4418	26.507	1.0059	2.4373	1.2045	4.8373	2.4864	23.248
#2	2.4447	26.767	1.0028	2.4385	1.2046	4.8048	2.4821	23.430
#3	2.4417	26.701	1.0007	2.4327	1.1993	4.8157	2.4877	23.483
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4287	1.2451	25.168	2.6730	2.4041	24.839	4.8774	4.5961
Stddev	.0015	.0018	.149	.0075	.0019	.136	.0139	.0813
%RSD	.06287	.14096	.59242	.28023	.07824	.54826	.28519	1.7694
#1	2.4293	1.2448	25.020	2.6816	2.4054	24.713	4.8870	4.5608
#2	2.4297	1.2435	25.166	2.6700	2.4049	24.822	4.8838	4.5384
#3	2.4269	1.2469	25.318	2.6676	2.4019	24.983	4.8614	4.6891
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9021	4.8782	4.9637	4.8845	4.9713	5.301	5.0061	F 2.4353
Stddev	.0129	.0342	.0103	.0087	.0360	.004	.0188	.1677
%RSD	.26316	.70046	.20816	.17821	.72405	.0751	.37570	6.8851
#1	4.8884	4.9029	4.9520	4.8754	4.9797	5.297	4.9916	2.4919
#2	4.9039	4.8924	4.9678	4.8927	5.0024	5.305	5.0273	2.2467
#3	4.9141	4.8392	4.9714	4.8854	4.9319	5.300	4.9992	2.5674

Sample Name: CCV13 Acquired: 6/10/2019 22:43:43 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3738
Stddev 2.3384
%RSD 98.509

#1 2.0191
#2 .23302
#3 4.8693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.9	48452.	5531.6	89.589	3728.0
Stddev	12.1	194.	42.9	1.638	5.5
%RSD	.35989	.39995	.77576	1.8280	.14850

#1	3342.1	48232.	5496.1	89.356	3723.9
#2	3350.6	48528.	5519.4	88.080	3725.8
#3	3365.9	48597.	5579.3	91.331	3734.3

Sample Name: CCB13 Acquired: 6/10/2019 22:47:42 Type: Unk
Method: P4-ICP2(v3188) 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	.00118	.00254	-.00128	.00177	-.00014	-.01910	.00181
Stddev	.00002	.00055	.00099	.00178	.00045	.00319	.00073
%RSD	2.0127	21.693	77.293	100.44	326.46	16.682	40.405

#1	.00117	.00317	-.00017	-.00023	.00025	-.01665	.00238
#2	.00120	.00228	-.00161	.00239	-.00003	-.02271	.00207
#3	.00116	.00216	-.00205	.00316	-.00062	-.01796	.00099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00005	-.00241	-.00000	.00000	-.00187	-.00158
Stddev	.00005	.00008	.00997	.00023	.00016	.00010	.00024
%RSD	82.337	156.80	414.19	530150.	42192.	5.0934	15.349

#1	-.00000	-.00002	-.01392	-.00006	-.00003	-.00184	-.00162
#2	-.00008	.00004	.00315	.00025	-.00014	-.00178	-.00132
#3	-.00010	.00014	.00355	-.00019	.00017	-.00197	-.00180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00385	-.00015	.00033	.23494	-.00027	-.00021
Stddev	.00006	.05406	.00021	.00026	.00782	.00030	.00008
%RSD	65.303	1403.7	138.15	78.084	3.3287	114.50	37.875

#1	-.00010	-.06626	-.00001	.00003	.23742	-.00056	-.00025
#2	-.00003	.02654	-.00040	.00046	.24123	.00005	-.00026
#3	-.00015	.02817	-.00006	.00050	.22619	-.00029	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04346	.00024	-.00642	-.00122	-.00129	.00045	.00138
Stddev	.01174	.00026	.01175	.00178	.00140	.00087	.00073
%RSD	27.018	105.08	182.92	146.47	108.85	194.24	52.946

#1	-.03027	.00052	.00440	-.00241	-.00289	.00069	.00201
#2	-.04734	.00020	-.01891	-.00207	-.00031	-.00052	.00156
#3	-.05278	.00001	-.00475	.00083	-.00067	.00117	.00058

Sample Name: CCB13 Acquired: 6/10/2019 22:47:42 Type: Unk
Method: P4-ICP2(v3188) 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	.00117	-.0001	.00003	F .63628	F<.00000
Stddev	.00073	.0013	.00011	.23259	.18487
%RSD	62.286	2117.	383.28	36.554	20.449
#1	.00131	-.0010	-.00007	.69908	-.71736
#2	.00039	.0014	.00015	.83102	-.90766
#3	.00183	-.0006	.00001	.37874	-1.0870
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.6	50897.	5568.9	93.256	4184.8
Stddev	16.2	78.	52.0	.950	5.9
%RSD	.46324	.15230	.93346	1.0189	.14193
#1	3519.0	50986.	5509.1	92.317	4183.0
#2	3486.6	50861.	5594.8	93.233	4180.0
#3	3502.3	50843.	5602.9	94.217	4191.4

Sample Name: K3236-02MSD Acquired: 6/10/2019 22:52:12 Type: Unk
Method: P4-ICP2(v3188) 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	.85623	2.2403	1.0673	2.1718	.76890	2.1936	.27558	.21084	.21451
Stddev	.00632	.0087	.0032	.0121	.00631	.0121	.00095	.00046	.00020
%RSD	.73800	.38830	.29646	.55875	.82106	.54920	.34561	.21910	.09507
#1	.85379	2.2421	1.0698	2.1704	.76792	2.2057	.27625	.21109	.21433
#2	.86341	2.2308	1.0682	2.1846	.77564	2.1816	.27600	.21113	.21473
#3	.85150	2.2479	1.0637	2.1605	.76313	2.1935	.27449	.21031	.21448
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.023	.47826	.22294	.33798	3.4174	.35203	7.5747	.55202	.08089
Stddev	.126	.00207	.00045	.00121	.0082	.00043	.0745	.00050	.00075
%RSD	.70152	.43327	.20130	.35733	.23934	.12108	.98326	.09046	.93136
#1	17.877	.47767	.22315	.33835	3.4241	.35162	7.4918	.55260	.08044
#2	18.096	.48057	.22242	.33895	3.4198	.35247	7.5961	.55173	.08176
#3	18.096	.47655	.22323	.33663	3.4083	.35201	7.6361	.55174	.08047
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	23.734	.35896	.22469	13.598	.40863	.35441	5.8192	2.7018	.68464
Stddev	.018	.00087	.00014	.027	.00259	.00471	.0100	.0387	.00200
%RSD	.07743	.24344	.06014	.19721	.63426	1.3298	.17232	1.4326	.29239
#1	23.754	.35831	.22485	13.591	.40815	.35745	5.8097	2.6819	.68365
#2	23.717	.35996	.22460	13.628	.41142	.34898	5.8183	2.6771	.68333
#3	23.732	.35862	.22463	13.576	.40631	.35680	5.8297	2.7464	.68695
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20150	.24575	6.852	.30882	.98466	8.6995			
Stddev	.00029	.00204	.012	.00376	.10775	1.1197			
%RSD	.14504	.83032	.1816	1.2161	10.942	12.871			
#1	.20183	.24387	6.846	.30569	.86850	9.8468			
#2	.20128	.24545	6.844	.30777	1.0042	7.6096			
#3	.20138	.24792	6.866	.31298	1.0813	8.6421			

Sample Name: K3236-02MSD Acquired: 6/10/2019 22:52:12 Type: Unk
Method: P4-ICP2(v3188) 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	3434.0	50146.	5581.3	92.675	4003.2
Stddev	22.0	232.	39.0	2.841	13.6
%RSD	.64060	.46220	.69955	3.0659	.34095
#1	3423.3	49879.	5600.5	95.956	3989.8
#2	3419.4	50295.	5607.1	91.026	4002.9
#3	3459.3	50264.	5536.4	91.044	4017.1

Sample Name: K3236-02A Acquired: 6/10/2019 22:56:18 Type: Unk
Method: P4-ICP2(v3188) 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	.84895	2.2076	1.0533	2.1414	.77393	2.1341	.27085	.20782	.21110
Stddev	.00226	.0071	.0083	.0062	.00328	.0267	.00266	.00032	.00111
%RSD	.26668	.32124	.79025	.29006	.42422	1.2508	.98128	.15497	.52668

#1	.84671	2.2023	1.0446	2.1377	.77119	2.1047	.26779	.20783	.20984
#2	.84892	2.2049	1.0540	2.1379	.77302	2.1407	.27213	.20813	.21152
#3	.85123	2.2157	1.0612	2.1486	.77757	2.1568	.27262	.20749	.21194

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.031	.46837	.21991	.33270	3.3649	.35053	7.4819	.54416	.07903
Stddev	.131	.00095	.00083	.00060	.0012	.00048	.0979	.00187	.00033
%RSD	.72459	.20316	.37767	.18173	.03693	.13746	1.3086	.34415	.41572

#1	17.902	.46734	.21944	.33251	3.3635	.35011	7.3725	.54243	.07892
#2	18.028	.46921	.21943	.33221	3.3653	.35105	7.5612	.54391	.07940
#3	18.163	.46855	.22087	.33338	3.3658	.35043	7.5122	.54615	.07878

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	23.730	.35449	.22364	13.420	.41069	.34842	5.8792	2.7106	.68821
Stddev	.217	.00152	.00069	.124	.00275	.01208	.0147	.0171	.00580
%RSD	.91431	.42934	.30914	.92552	.67064	3.4658	.24955	.63099	.84329

#1	23.570	.35274	.22290	13.299	.40873	.33619	5.8698	2.6952	.68191
#2	23.642	.35550	.22372	13.414	.40951	.34873	5.8961	2.7075	.69335
#3	23.977	.35523	.22428	13.547	.41384	.36033	5.8718	2.7290	.68937

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20213	.23860	6.742	.30485	1.5942	8.0312			
Stddev	.00256	.00256	.026	.00191	.2362	.8116			
%RSD	1.2662	1.0726	.3814	.62551	14.819	10.106			

#1	.19944	.23565	6.713	.30334	1.7747	7.2925			
#2	.20243	.23991	6.755	.30422	1.6810	7.9010			
#3	.20453	.24024	6.760	.30700	1.3268	8.9000			

Sample Name: K3236-02A Acquired: 6/10/2019 22:56:18 Type: Unk
Method: P4-ICP2(v3188) 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	3432.0	50242.	5587.8	92.734	4004.3
Stddev	16.3	127.	14.6	.525	5.2
%RSD	.47604	.25245	.26066	.56659	.13043
#1	3422.6	50262.	5577.8	92.255	4002.0
#2	3450.8	50357.	5604.5	92.652	4010.2
#3	3422.5	50106.	5581.1	93.296	4000.5

Sample Name: K3264-06 Acquired: 6/10/2019 23:00:24 Type: Unk
Method: P4-ICP2(v3188) 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	-.00106	-.00269	.00508	.00623	-.00574	.24719	.55740
Stddev	.00112	.00164	.00092	.00139	.00088	.01104	.00420
%RSD	105.69	60.824	18.047	22.262	15.388	4.4678	.75265

#1	-.00193	-.00253	.00597	.00490	-.00511	.23582	.55573
#2	.00020	-.00441	.00414	.00766	-.00675	.25788	.56218
#3	-.00144	-.00114	.00512	.00612	-.00536	.24788	.55430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00020	12.355	.50534	.00012	.01687	4.4819
Stddev	.00008	.00008	.102	.00216	.00028	.00013	.0217
%RSD	45.194	41.667	.82207	.42784	244.88	.79800	.48383

#1	.00026	-.00022	12.243	.50610	-.00011	.01690	4.5040
#2	.00018	-.00027	12.441	.50702	.00002	.01698	4.4811
#3	.00010	-.00011	12.382	.50290	.00043	.01672	4.4606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03517	2.9920	.00325	-.00009	276.20	.00243	.17810
Stddev	.00015	.0354	.00051	.00024	3.23	.00025	.00048
%RSD	.42573	1.1823	15.624	274.44	1.1678	10.424	.27018

#1	.03511	3.0215	.00348	-.00030	274.53	.00224	.17865
#2	.03505	2.9528	.00359	-.00012	279.92	.00232	.17782
#3	.03534	3.0018	.00266	.00017	274.16	.00272	.17781

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2281	.00156	.09716	2.0992	1.9467	.00060	.02821
Stddev	.0129	.00019	.00682	.0078	.0095	.00074	.00182
%RSD	.24747	12.332	7.0181	.37088	.48985	123.86	6.4508

#1	5.2361	.00166	.10285	2.1076	1.9384	.00130	.02611
#2	5.2351	.00134	.08960	2.0922	1.9446	.00067	.02923
#3	5.2132	.00168	.09903	2.0980	1.9572	-.00017	.02929

Sample Name: K3264-06 Acquired: 6/10/2019 23:00:24 Type: Unk
 Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00228	9.262	.05481	2.0804	F<.00000
Stddev	.00018	.020	.00025	.2271	.94853
%RSD	7.8826	.2199	.45932	10.916	25.884

#1	.00217	9.284	.05473	2.3254	-3.5874
#2	.00218	9.243	.05509	2.0388	-4.6492
#3	.00249	9.259	.05460	1.8769	-2.7568

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.8	48630.	5628.0	90.574	3833.5
Stddev	22.9	431.	12.6	.885	18.5
%RSD	.65704	.88689	.22335	.97662	.48280

#1	3455.8	48272.	5621.5	89.771	3812.4
#2	3501.4	48509.	5620.0	91.522	3846.9
#3	3482.1	49109.	5642.5	90.427	3841.3

Sample Name: CCV14 Acquired: 6/10/2019 23:04:56 Type: Unk
Method: P4-ICP2(v3188) 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	4.7996	5.0323	4.8359	4.8700	4.8380	9.3254	9.7414	.23932
Stddev	.0090	.0025	.0049	.0116	.0068	.2847	.2549	.00004
%RSD	.18774	.04900	.10043	.23781	.14142	3.0527	2.6164	.01753
#1	4.7920	5.0321	4.8313	4.8566	4.8301	9.0088	9.4563	.23937
#2	4.8095	5.0300	4.8355	4.8768	4.8419	9.5601	9.9471	.23929
#3	4.7973	5.0349	4.8410	4.8766	4.8420	9.4073	9.8207	.23931
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4298	25.760	1.0004	2.4260	1.1831	4.7963	2.4753	22.790
Stddev	.0029	2.994	.0014	.0018	.0024	.0032	.0011	.851
%RSD	.11831	11.623	.13905	.07566	.20341	.06774	.04336	3.7361
#1	2.4272	22.374	.99932	2.4280	1.1804	4.7972	2.4758	21.889
#2	2.4293	28.059	.99992	2.4244	1.1842	4.7991	2.4740	23.581
#3	2.4329	26.846	1.0020	2.4258	1.1848	4.7927	2.4759	22.901
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4196	1.2387	24.603	2.6531	2.3841	24.307	4.8247	F 4.4712
Stddev	.0011	.0027	.483	.0040	.0012	.417	.0038	.0889
%RSD	.04613	.21439	1.9644	.15104	.04894	1.7168	.07855	1.9884
#1	2.4183	1.2415	24.071	2.6576	2.3850	23.850	4.8206	4.3758
#2	2.4200	1.2386	25.015	2.6502	2.3827	24.668	4.8281	4.5518
#3	2.4204	1.2362	24.724	2.6514	2.3845	24.402	4.8253	4.4860
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8528	4.7681	4.9583	4.6764	4.7667	5.263	4.8022	F 2.1165
Stddev	.0043	.4391	.0034	.5624	.5687	.003	.5786	.1680
%RSD	.08763	9.2103	.06886	12.025	11.930	.0617	12.049	7.9363
#1	4.8505	4.2665	4.9543	4.0406	4.1209	5.260	4.1447	2.1100
#2	4.8577	5.0832	4.9604	5.1087	5.1927	5.266	5.2338	1.9518
#3	4.8501	4.9547	4.9601	4.8797	4.9863	5.263	5.0280	2.2876

Sample Name: CCV14 Acquired: 6/10/2019 23:04:56 Type: Unk
Method: P4-ICP2(v3188) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5653
Stddev .8986
%RSD 35.028

#1 2.9551
#2 1.5377
#3 3.2032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.2	49134.	5739.1	92.291	3779.5
Stddev	8.1	94.	570.1	8.245	4.1
%RSD	.23619	.19122	9.9328	8.9341	.10962

#1	3420.9	49051.	6390.6	101.73	3779.1
#2	3407.9	49114.	5331.9	86.501	3775.6
#3	3422.8	49236.	5494.9	88.642	3783.8

Sample Name: CCB14 Acquired: 6/10/2019 23:08:55 Type: Unk
Method: P4-ICP2(v3188) 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	.00044	.00195	-.00081	-.00038	-.00120	-.01272	.00140
Stddev	.00138	.00019	.00025	.00030	.00080	.01274	.00015
%RSD	312.92	9.5878	30.433	78.236	66.522	100.17	10.857

#1	.00188	.00180	-.00066	-.00007	-.00200	-.01767	.00156
#2	.00033	.00216	-.00068	-.00041	-.00118	.00175	.00137
#3	-.00088	.00190	-.00109	-.00066	-.00041	-.02225	.00126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00004	.00022	-.00034	-.00009	-.00179	-.00189
Stddev	.00007	.00004	.01377	.00022	.00008	.00024	.00038
%RSD	68.681	86.450	6168.3	64.916	89.586	13.315	20.265

#1	-.00008	.00006	.01366	-.00059	-.00008	-.00183	-.00229
#2	-.00018	.00000	-.01386	-.00028	-.00019	-.00201	-.00183
#3	-.00005	.00007	.00087	-.00016	-.00002	-.00153	-.00153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00259	.00024	.00046	.24106	-.00004	-.00020
Stddev	.00003	.04026	.00037	.00041	.00645	.00041	.00011
%RSD	24.461	1554.0	152.44	90.391	2.6776	927.47	53.590

#1	-.00013	.04372	-.00009	.00086	.24850	-.00046	-.00011
#2	-.00008	-.02933	.00018	.00049	.23699	.00036	-.00017
#3	-.00013	-.02216	.00063	.00003	.23769	-.00003	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05917	.00000	-.00920	-.00170	-.00132	-.00061	.00196
Stddev	.02216	.00010	.01360	.00262	.00136	.00037	.00065
%RSD	37.446	4877.5	147.73	153.82	102.90	60.958	32.951

#1	-.06273	.00012	.00567	.00068	-.00234	-.00029	.00186
#2	-.03545	-.00004	-.02100	-.00128	.00022	-.00052	.00138
#3	-.07933	-.00007	-.01228	-.00451	-.00186	-.00102	.00266

Sample Name: CCB14 Acquired: 6/10/2019 23:08:55 Type: Unk
Method: P4-ICP2(v3188) 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	.00144	-.0002	.00007	F .50799	F<.00000
Stddev	.00144	.0009	.00009	.14234	.51369
%RSD	99.936	545.5	120.96	28.021	32.552
#1	.00057	-.0000	.00016	.40053	-1.8546
#2	.00065	-.0011	-.00001	.66943	-.98537
#3	.00310	.0006	.00007	.45400	-1.8943
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.4	51897.	5637.4	92.758	4252.4
Stddev	15.3	117.	23.6	1.146	13.9
%RSD	.42941	.22459	.41934	1.2353	.32646
#1	3549.2	51831.	5648.0	94.017	4236.5
#2	3579.7	52032.	5653.8	92.483	4262.2
#3	3567.4	51829.	5610.3	91.775	4258.4