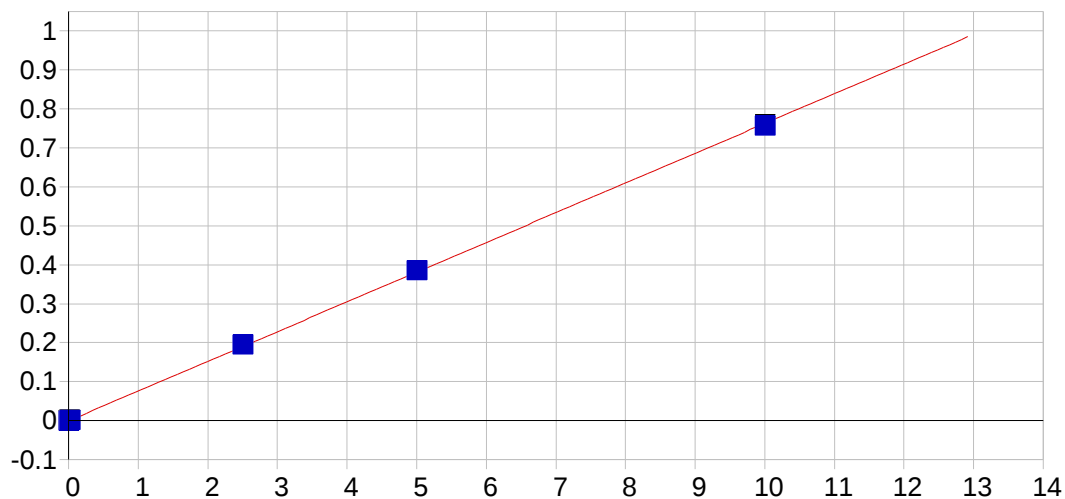


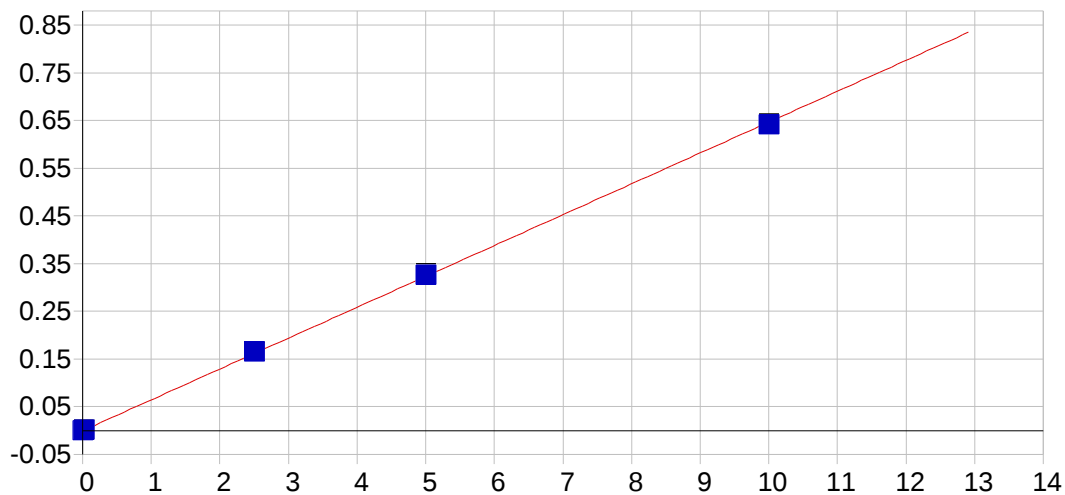


As 189.042 {478}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000752 Re-Slope: 1.000000
 A1 (Gain): 0.076345 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002636
 Predicted MQL: 0.008786

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00075	.000	1
S1	.02000	.02245	.002	12.2	.00096	.000	1
S3	2.5000	2.5423	.042	1.69	.19333	.001	1
S4	5.0000	5.0396	.040	.792	.38397	.001	1
S5	10.000	9.9156	-.084	-.844	.75620	.003	1



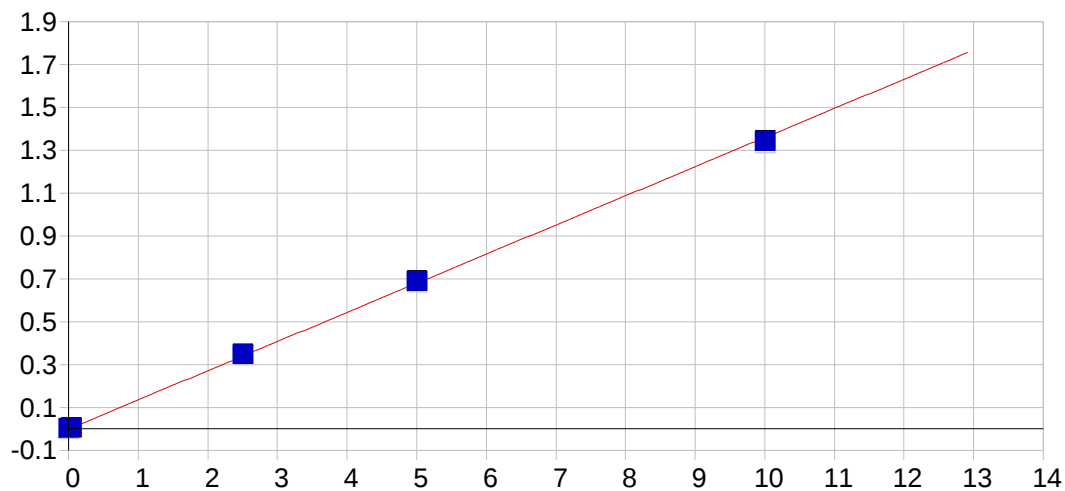
As 189.042 {479}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000159 Re-Slope: 1.000000

A1 (Gain): 0.064705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002212
 Predicted MQL: 0.007373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.02000	.01746	-.003	-12.7	.00097	.000	1
S3	2.5000	2.5446	.045	1.79	.16449	.000	1
S4	5.0000	5.0437	.044	.874	.32620	.002	1
S5	10.000	9.9142	-.086	-.858	.64135	.002	1

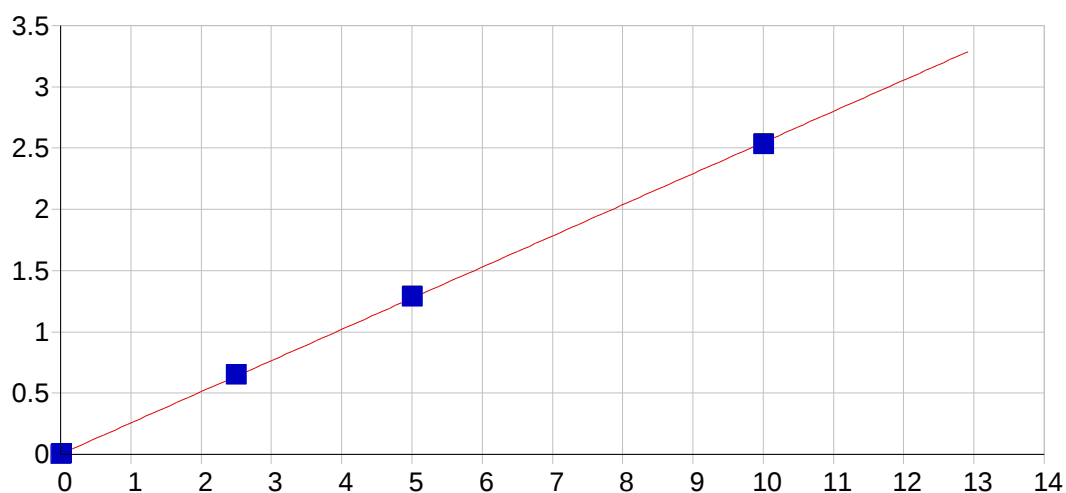


TI 190.856 {477}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000173 Re-Slope: 1.000000
 A1 (Gain): 0.135937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001177
 Predicted MQL: 0.003923

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.04000	.04090	.001	2.26	.00559	.000	1
S3	2.5000	2.5538	.054	2.15	.34385	.001	1
S4	5.0000	5.0681	.068	1.36	.68214	.002	1
S5	10.000	9.8772	-.123	-1.23	1.3289	.001	1

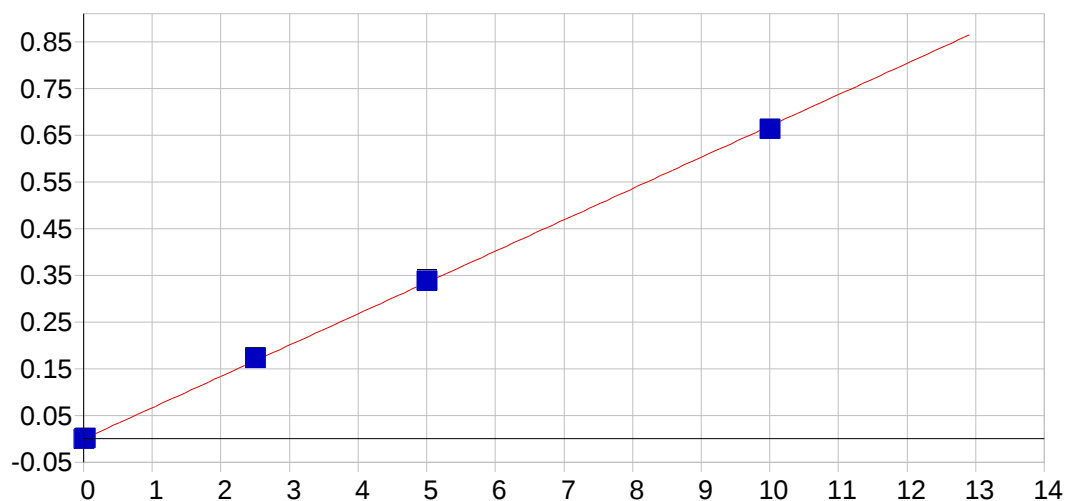


Pb 220.353 (453)

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002379 Re-Slope: 1.000000
 A1 (Gain): 0.254358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.000941
 Predicted MQL: 0.003136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00238	.000	1
S1	.01200	.01113	-.001	-7.25	.00515	.000	1
S3	2.5000	2.5337	.034	1.35	.64597	.001	1
S4	5.0000	5.0330	.033	.661	1.2808	.005	1
S5	10.000	9.9342	-.066	-.658	2.5258	.002	1



Se 196.090 (472)

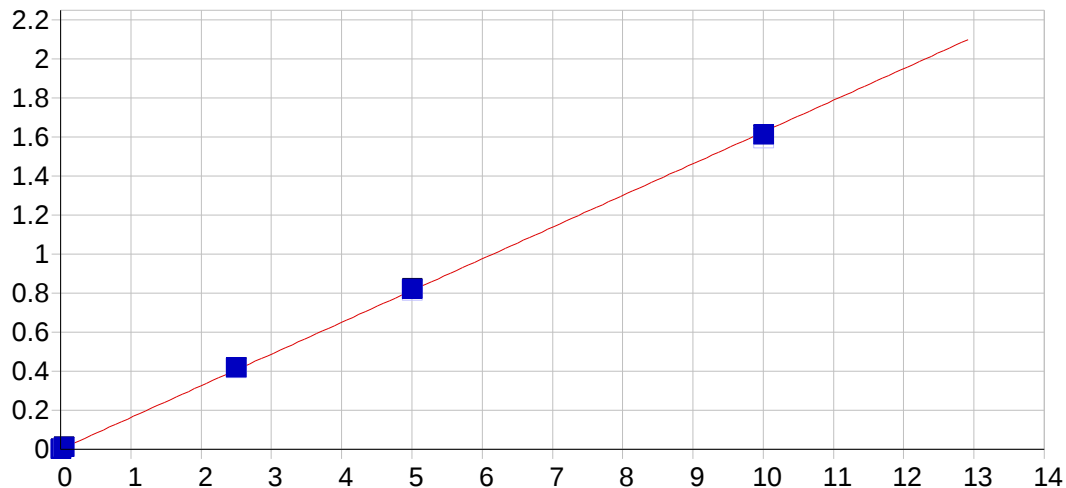
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.066981 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000024
 Predicted MDL: 0.002643
 Predicted MQL: 0.008811

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.02000	.01879	-.001	-6.05	.00113	.000	1
S3	2.5000	2.5683	.068	2.73	.17186	.001	1
S4	5.0000	5.0501	.050	1.00	.33806	.002	1
S5	10.000	9.8827	-.117	-1.17	.66168	.001	1



Sb 206.833 {463}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

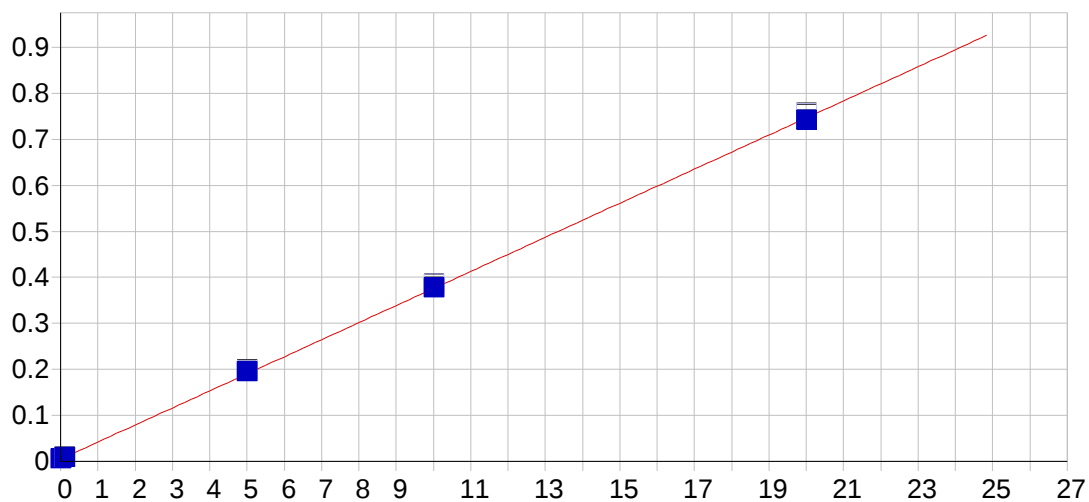
Weighting: 1/Conc

A0 (Offset): 0.000586
 A1 (Gain): 0.162533
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000080
 Predicted MDL: 0.001423
 Predicted MQL: 0.004743

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00059	.000	1
S1	.05000	.05010	.000	.194	.00853	.000	1
S3	2.5000	2.5626	.063	2.50	.41252	.001	1
S4	5.0000	5.0400	.040	.799	.81061	.002	1
S5	10.000	9.8974	-.103	-1.03	1.5910	.001	1

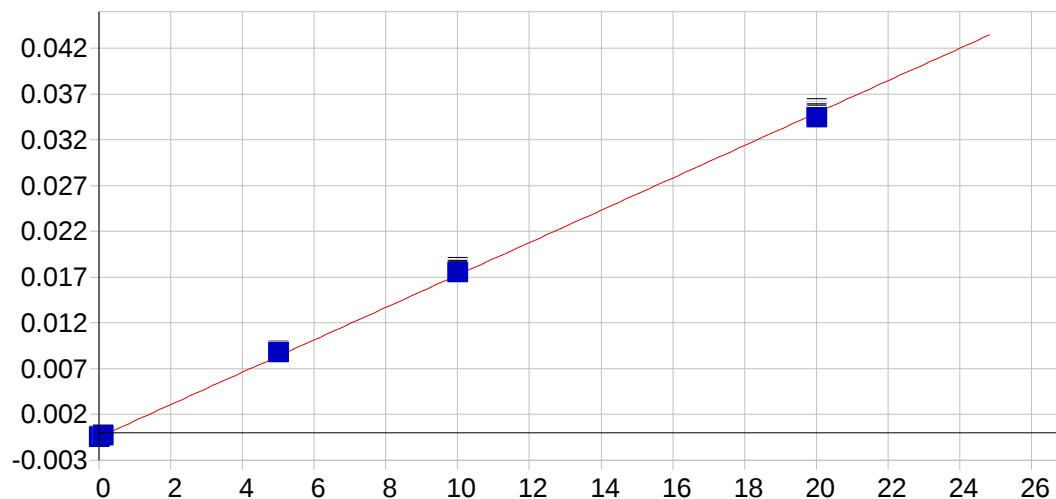


AI 308.215 {109}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004891 Re-Slope: 1.000000
 A1 (Gain): 0.037079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002667
 Predicted MQL: 0.008891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00489	.000	1
S1	.10000	.10130	.001	1.30	.00890	.000	1
S3	5.0000	5.1021	.102	2.04	.19776	.000	1
S4	10.000	10.048	.048	.484	.38486	.000	1
S5	20.000	19.848	-.152	-.759	.75560	.001	1



AI 309.271 {109}

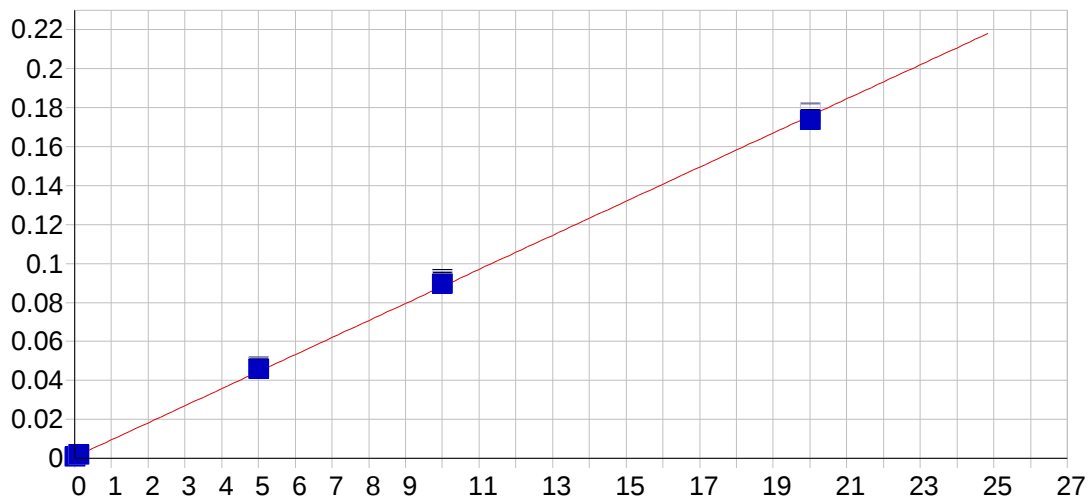
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000456 Re-Slope: 1.000000
 A1 (Gain): 0.001769 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000003
 Predicted MDL: 0.033269
 Predicted MQL: 0.110897

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00046	.000	1
S1	.10000	.08158	-.018	-18.4	-.00030	.000	1
S3	5.0000	5.1821	.182	3.64	.00889	.000	1
S4	10.000	10.132	.132	1.32	.01782	.000	1
S5	20.000	19.705	-.295	-1.47	.03510	.000	1

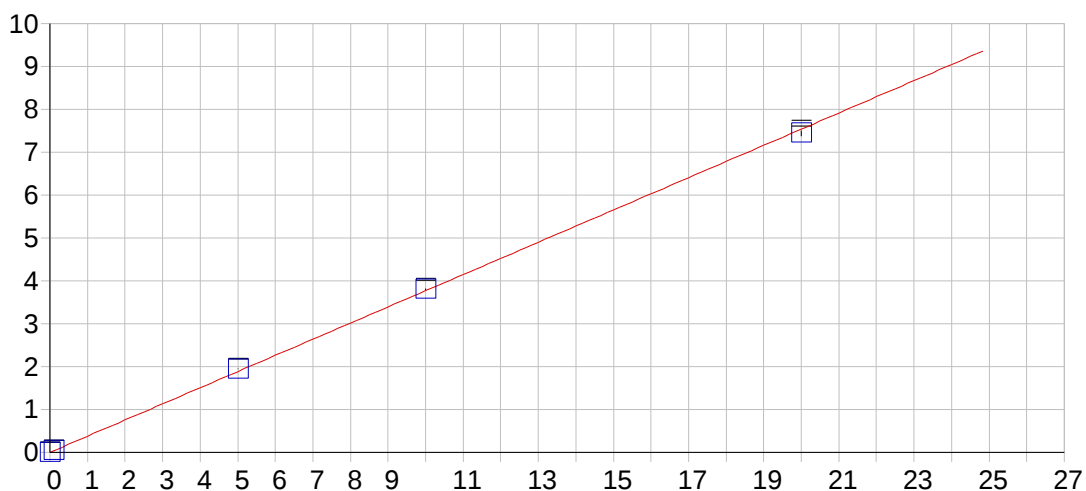


AI 396.152 { 85}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000724 Re-Slope: 1.000000
 A1 (Gain): 0.008752 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.011695
 Predicted MQL: 0.038984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.10000	.09738	-.003	-2.62	.00164	.000	1
S3	5.0000	5.1427	.143	2.85	.04660	.000	1
S4	10.000	10.120	.120	1.20	.09103	.001	1
S5	20.000	19.740	-.260	-1.30	.17697	.000	1

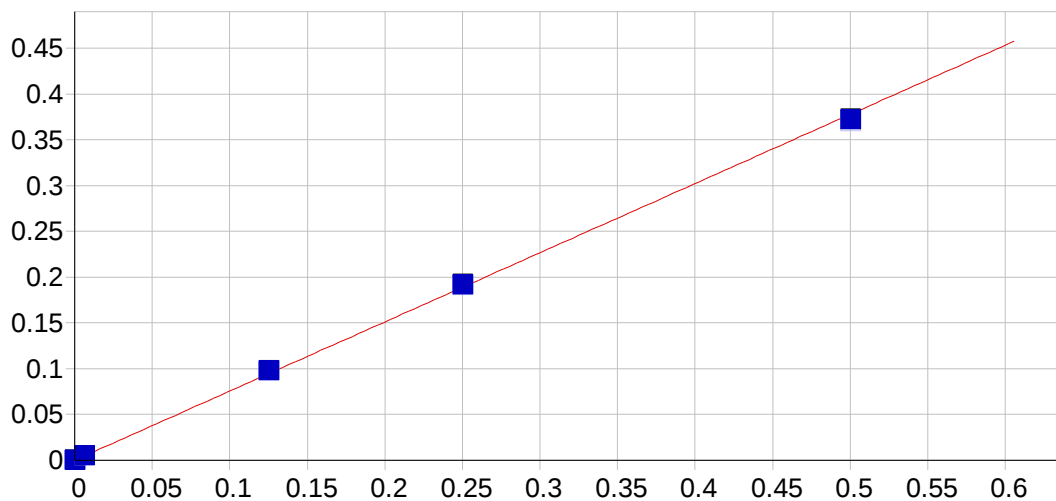


Ba 493.409 { 68}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000998 Re-Slope: 1.000000
 A1 (Gain): 0.376851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000472
 Predicted MDL: 0.000528
 Predicted MQL: 0.001760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00100	.000	1
S1	.10000	.10143	.001	1.43	.03922	.000	1
S3	5.0000	5.1655	.165	3.31	1.9476	.006	1
S5	20.000	19.747	-.253	-1.27	7.4427	.062	1
S4	10.000	10.086	.086	.862	3.8020	.023	1



Be 234.861 {144}

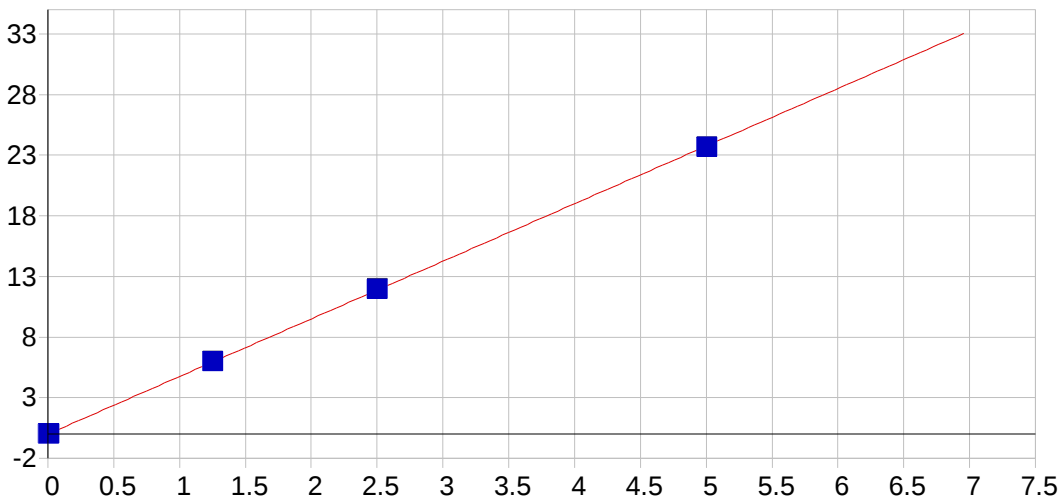
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.755425 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819
 Std Error of Est: 0.000042
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.00600	.00613	.000	2.19	.00467	.000	1
S3	.12500	.12912	.004	3.29	.09702	.000	1
S4	.25000	.25362	.004	1.45	.19048	.000	1
S5	.50000	.49214	-.008	-1.57	.36948	.001	1



Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

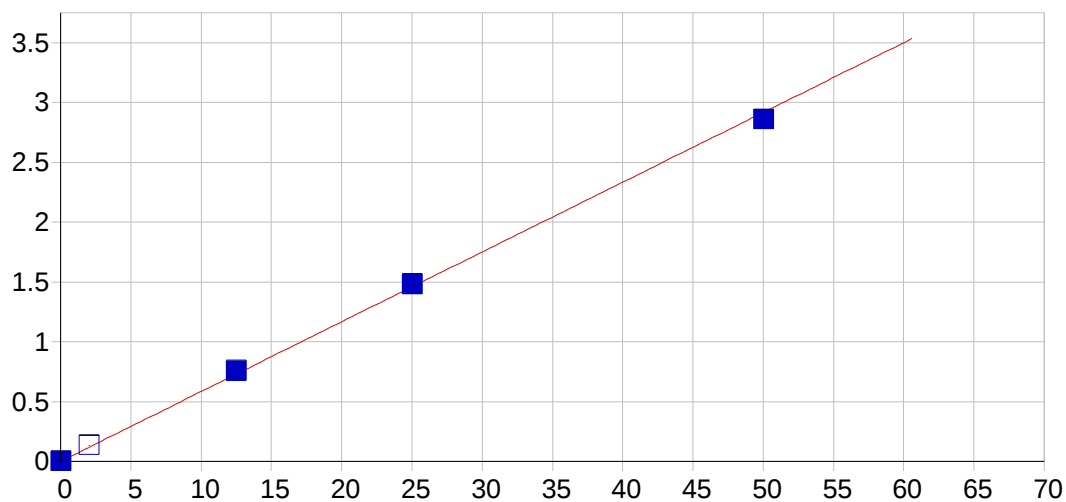
Weighting: 1/Conc

A0 (Offset): -0.000321
 A1 (Gain): 4.749750
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000266
 Predicted MDL: 0.000065
 Predicted MQL: 0.000215

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	-.00032	.000	1
S1	.00600	.00580	-.000	-3.40	.02726	.000	1
S3	1.2500	1.2592	.009	.737	5.9820	.009	1
S4	2.5000	2.5165	.017	.661	11.955	.056	1
S5	5.0000	4.9745	-.026	-.511	23.633	.022	1

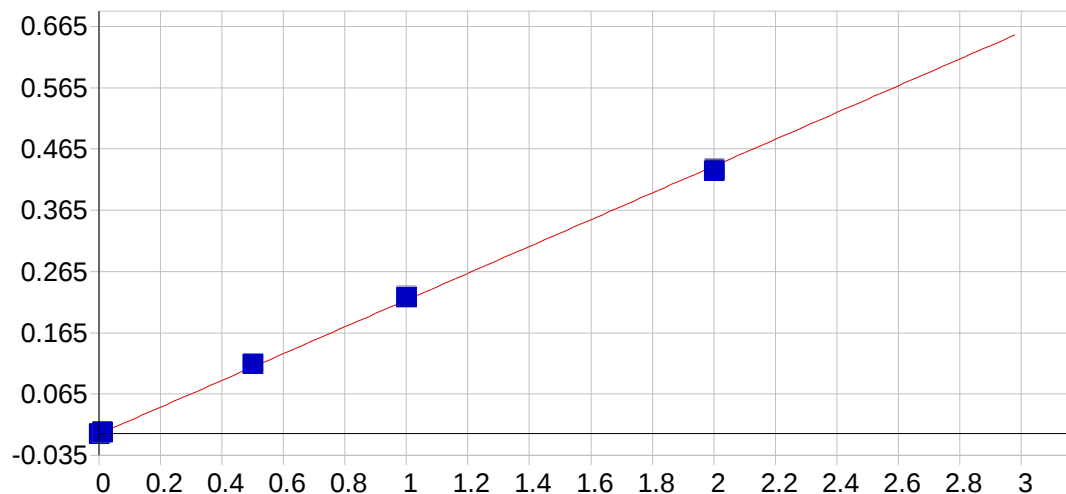


Ca 373.690 { 90}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000681 Re-Slope: 1.000000
 A1 (Gain): 0.058322 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999507 Status: OK.
 Std Error of Est: 0.001000
 Predicted MDL: 0.014533
 Predicted MQL: 0.048444

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3046	.305	15.2	.13509	.001	1
S0	.00000	-.00036	-.000	.000	.00066	.000	1
S3	12.500	12.944	.444	3.55	.75600	.004	1
S4	25.000	25.308	.308	1.23	1.4775	.003	1
S5	50.000	48.944	-1.06	-2.11	2.8567	.002	1



Cr 267.716 {126}

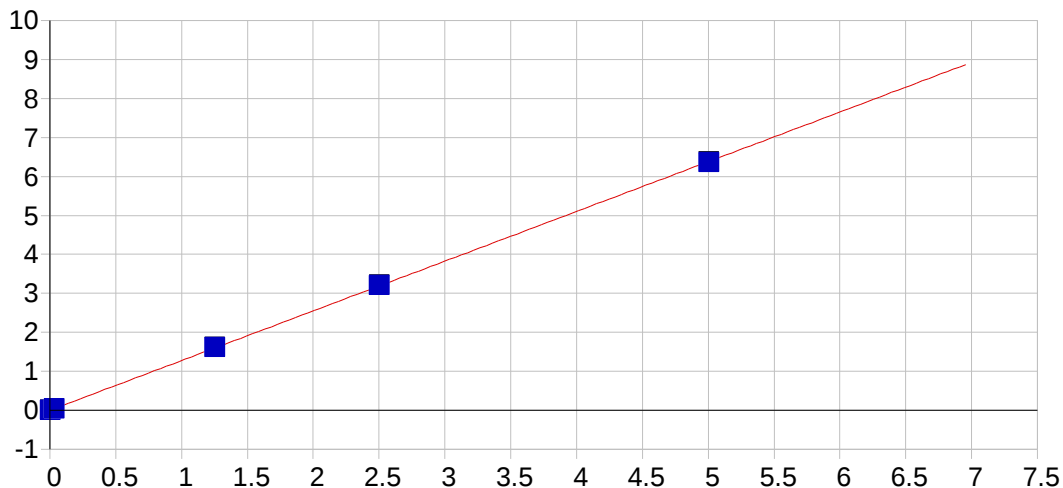
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.218596 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717
 Std Error of Est: 0.000040
 Predicted MDL: 0.000416
 Predicted MQL: 0.001385

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.01000	.01015	.000	1.50	.00203	.000	1
S3	.50000	.52113	.021	4.23	.11457	.000	1
S4	1.0000	1.0184	.018	1.84	.22413	.000	1
S5	2.0000	1.9603	-.040	-1.98	.43175	.001	1



Co 228.616 {447}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

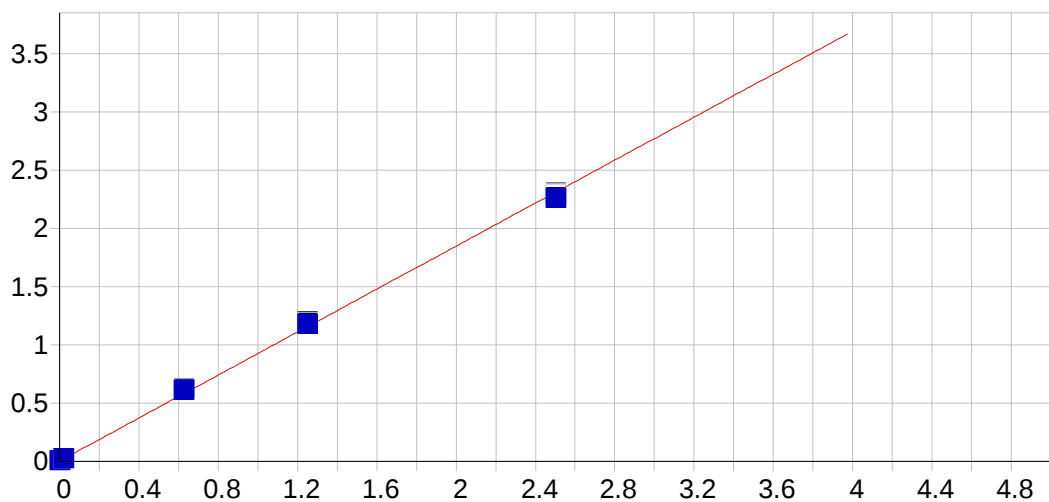
Weighting: 1/Conc

A0 (Offset): -0.000543
 A1 (Gain): 1.275375
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000132
 Predicted MDL: 0.000204
 Predicted MQL: 0.000679

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	-.00054	.000	1
S1	.03000	.02872	-.001	-4.27	.03583	.000	1
S3	1.2500	1.2593	.009	.744	1.6068	.004	1
S4	2.5000	2.5091	.009	.364	3.2020	.010	1
S5	5.0000	4.9829	-.017	-.343	6.3595	.011	1

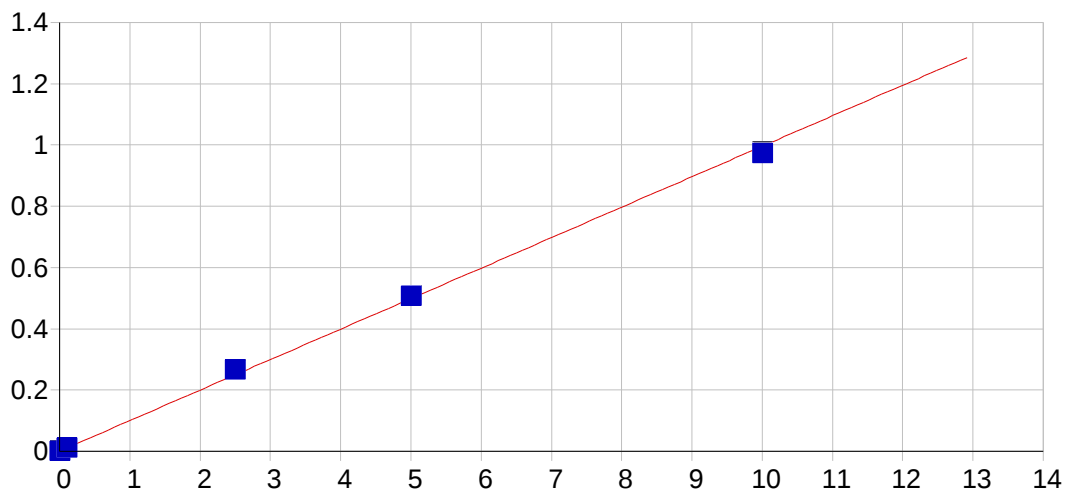


Cu 224.700 {450}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003261 Re-Slope: 1.000000
 A1 (Gain): 0.922943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655 Status: OK.
 Std Error of Est: 0.000298
 Predicted MDL: 0.000352
 Predicted MQL: 0.001173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00326	.000	1
S1	.02000	.02102	.001	5.09	.02294	.000	1
S3	.62500	.65718	.032	5.15	.61913	.001	1
S4	1.2500	1.2696	.020	1.57	1.1937	.005	1
S5	2.5000	2.4472	-.053	-2.11	2.2992	.003	1



Fe 240.488 {140}

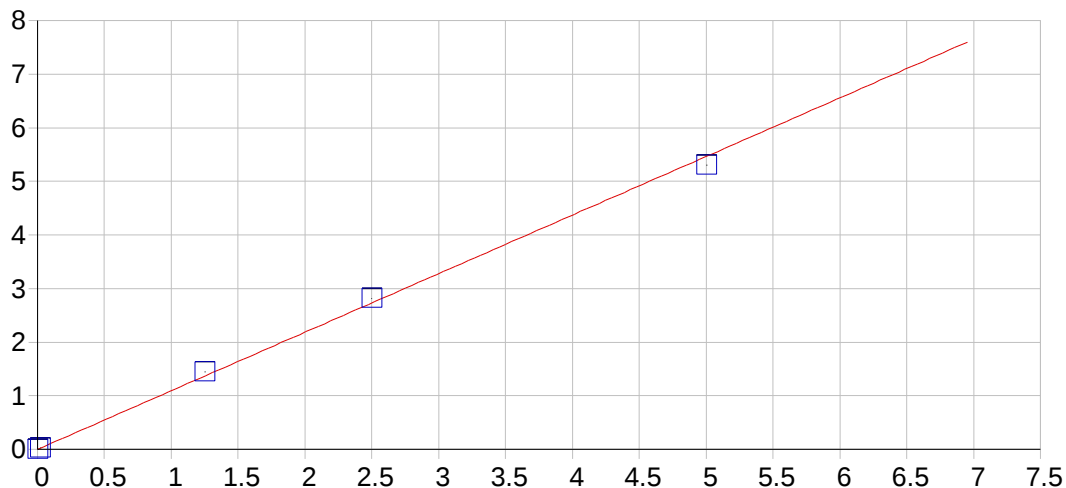
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000921 Re-Slope: 1.000000
 A1 (Gain): 0.099513 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999547
 Std Error of Est: 0.000163
 Predicted MDL: 0.000698
 Predicted MQL: 0.002328

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00092	.000	1
S1	.10000	.10375	.004	3.75	.01129	.000	1
S3	2.5000	2.6506	.151	6.03	.26562	.001	1
S4	5.0000	5.0811	.081	1.62	.50841	.000	1
S5	10.000	9.7645	-.235	-2.35	.97633	.001	1



Mn 257.610 {131}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

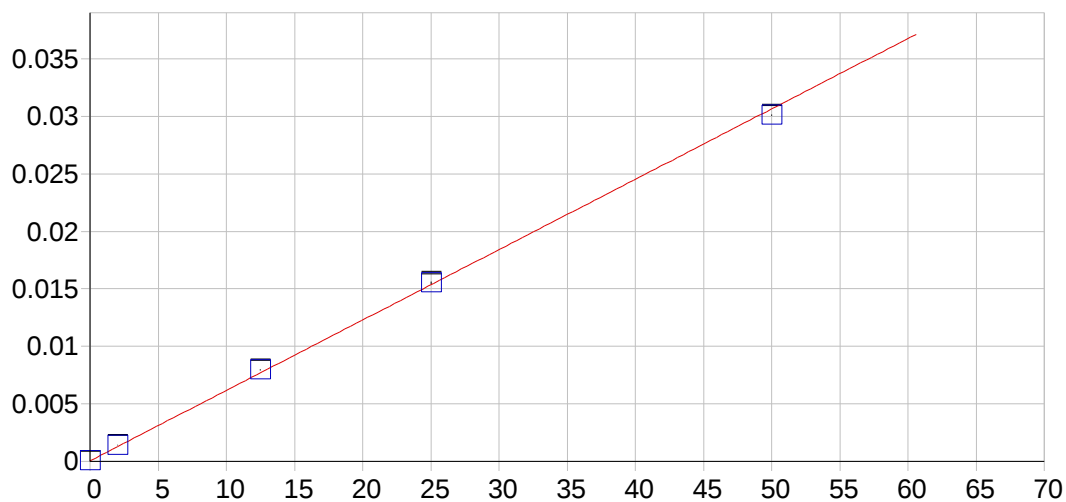
Weighting: 1/Conc

A0 (Offset): 0.000277
 A1 (Gain): 1.092639
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999404
 Std Error of Est: 0.000645
 Predicted MDL: 0.000070
 Predicted MQL: 0.000232

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	.00027	.000	1
S1	.02000	.02188	.002	9.42	.02419	.000	1
S3	1.2500	1.3200	.070	5.60	1.4425	.001	1
S4	2.5000	2.5734	.073	2.94	2.8121	.003	1
S5	5.0000	4.8547	-.145	-2.91	5.3048	.002	1

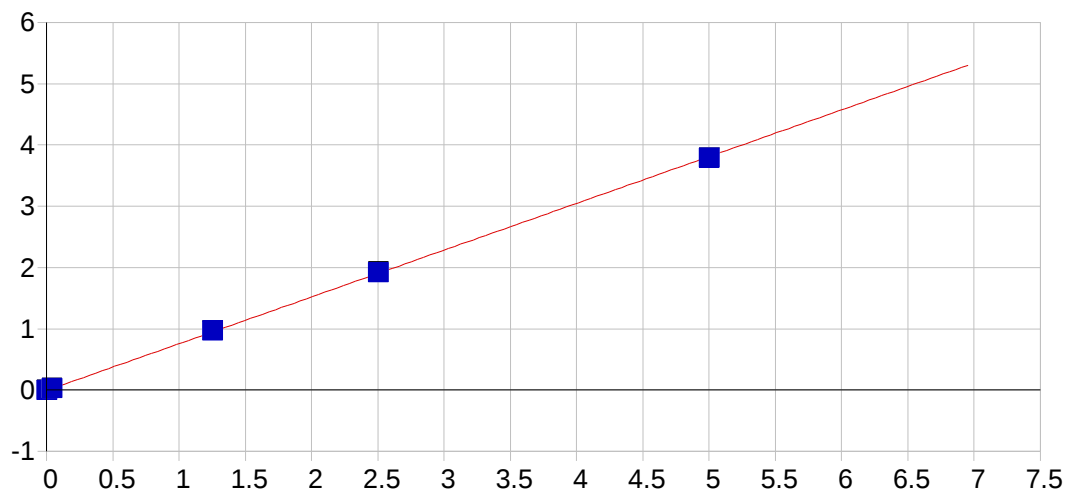


Mg 279.079 {121}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.000612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.048945
 Predicted MQL: 0.163152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2289	.229	11.4	.00142	.000	1
S0	.00000	-.00028	-.000	.000	.00005	.000	1
S3	12.500	12.897	.397	3.18	.00794	.000	1
S4	25.000	25.255	.255	1.02	.01550	.000	1
S5	50.000	49.119	-.881	-1.76	.03010	.000	1



Ni 231.604 {445}

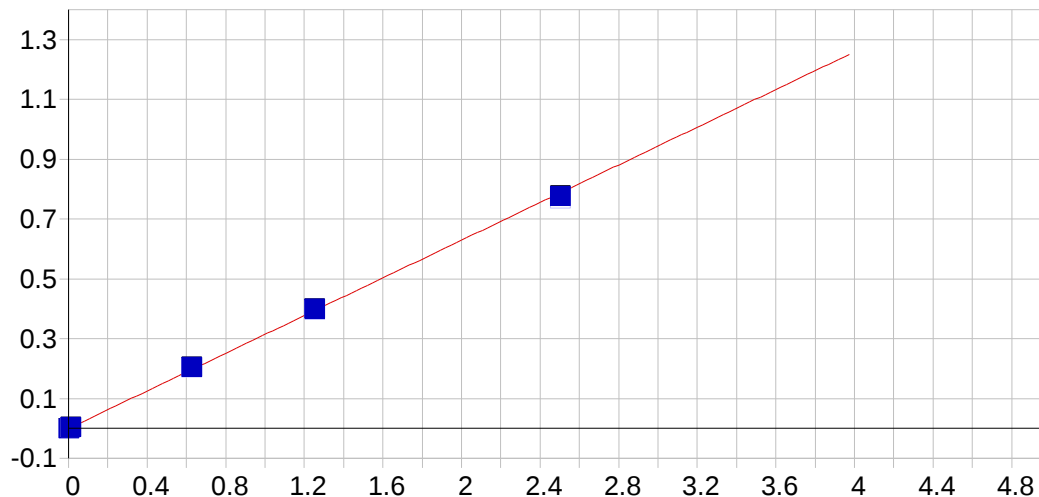
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007119 Re-Slope: 1.000000
 A1 (Gain): 0.763632 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000189
 Predicted MDL: 0.000360
 Predicted MQL: 0.001199

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00712	.000	1
S1	.04000	.03937	-.001	-1.57	.02296	.000	1
S3	1.2500	1.2747	.025	1.98	.96732	.002	1
S4	2.5000	2.5161	.016	.644	1.9163	.010	1
S5	5.0000	4.9598	-.040	-.803	3.7845	.002	1



Ag 328.068 {103}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

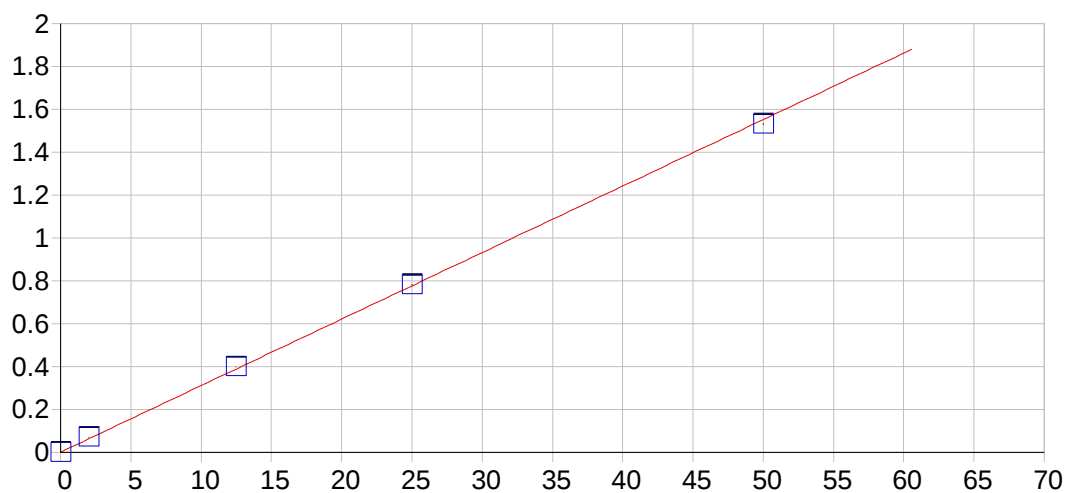
Weighting: 1/Conc

A0 (Offset): -0.000594
 A1 (Gain): 0.314873
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819
 Std Error of Est: 0.000051
 Predicted MDL: 0.000491
 Predicted MQL: 0.001637

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00059	.000	1
S1	.01000	.01037	.000	3.68	.00261	.000	1
S3	.62500	.64682	.022	3.49	.20083	.000	1
S4	1.2500	1.2658	.016	1.27	.39350	.001	1
S5	2.5000	2.4620	-.038	-1.52	.76566	.002	1

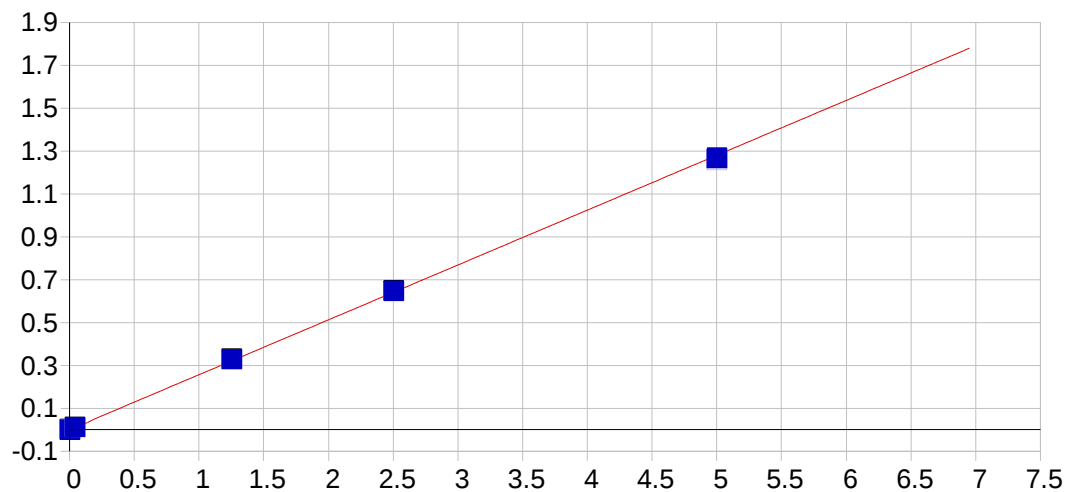


Na 589.592 { 57}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001362 Re-Slope: 1.000000
 A1 (Gain): 0.031018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000369
 Predicted MDL: 0.008406
 Predicted MQL: 0.028019

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2184	.218	10.9	.07017	.000	1
S0	.00000	-.00025	-.000	.000	.00135	.000	1
S3	12.500	12.818	.318	2.54	.39896	.001	1
S4	25.000	25.157	.157	.630	.78170	.004	1
S5	50.000	49.306	-.694	-1.39	1.5308	.004	1



V 292.402 {115}

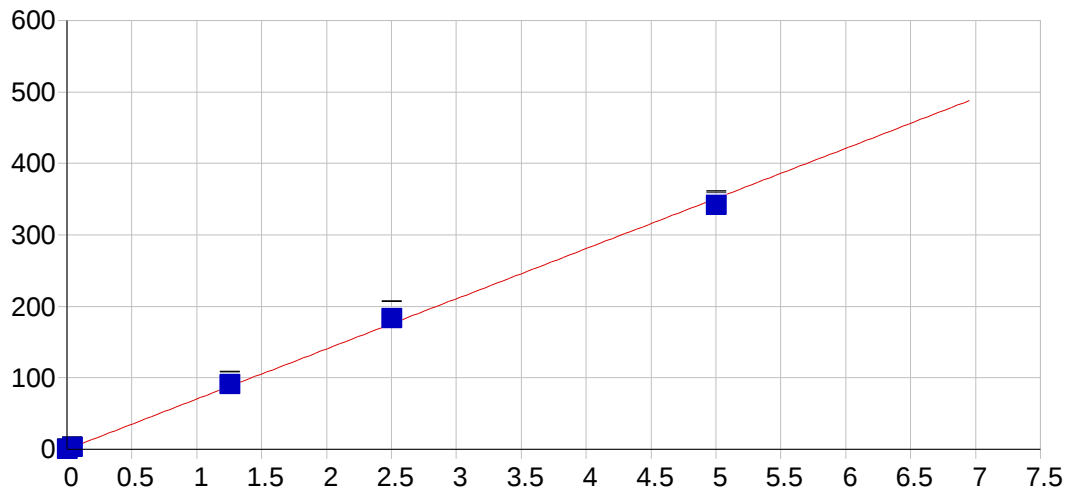
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.256025 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000091
 Predicted MDL: 0.000407
 Predicted MQL: 0.001357

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	.04023	.000	.583	.01011	.000	1
S3	1.2500	1.2826	.033	2.60	.32625	.001	1
S4	2.5000	2.5274	.027	1.10	.64288	.001	1
S5	5.0000	4.9398	-.060	-1.20	1.2563	.004	1



Zn 206.200 {163}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

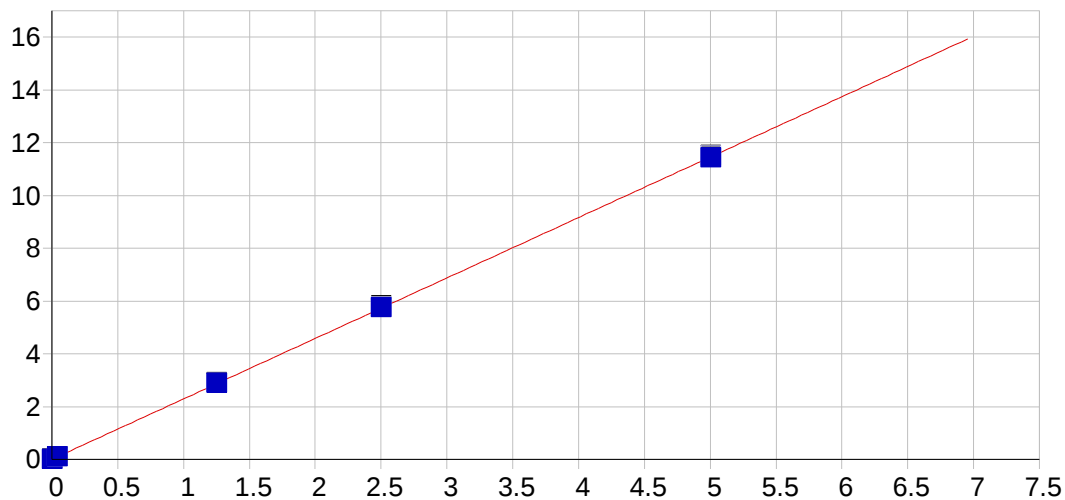
Weighting: 1/Conc

A0 (Offset): 0.168759
 A1 (Gain): 70.153193
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999464
 Std Error of Est: 0.055912
 Predicted MDL: 0.000423
 Predicted MQL: 0.001411

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	.16861	.015	1
S1	.04000	.04028	.000	.706	3.0131	.130	1
S3	1.2500	1.2927	.043	3.41	91.385	3.23	1
S4	2.5000	2.5999	.100	4.00	183.62	10.1	1
S5	5.0000	4.8571	-.143	-2.86	343.03	4.74	1

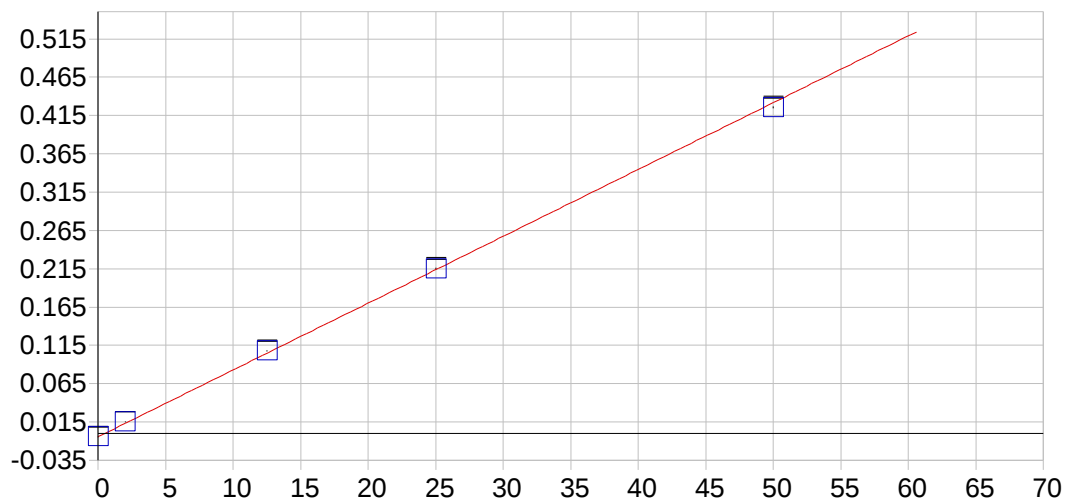


Zn 213.856 {458}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003344 Re-Slope: 1.000000
 A1 (Gain): 2.290087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.000086
 Predicted MQL: 0.000288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00335	.000	1
S1	.04000	.03795	-.002	-5.13	.09089	.000	1
S3	1.2500	1.2553	.005	.421	2.8963	.006	1
S4	2.5000	2.5079	.008	.316	5.7832	.026	1
S5	5.0000	4.9889	-.011	-.222	11.501	.015	1



K 766.490 {44}

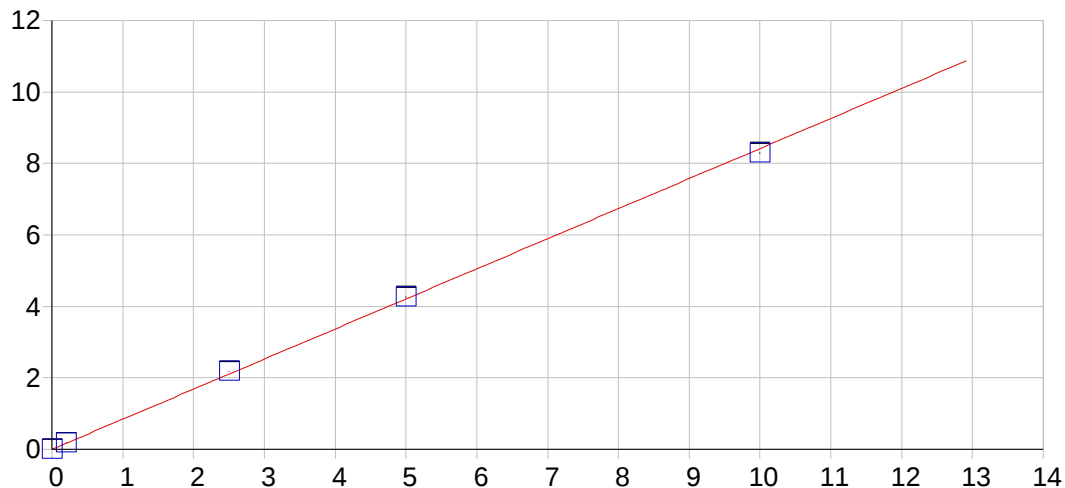
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004366 Re-Slope: 1.000000
 A1 (Gain): 0.008722 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770
 Std Error of Est: 0.000102
 Predicted MDL: 0.034290
 Predicted MQL: 0.114299

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1983	.198	9.92	.01481	.000	1
S0	.00000	-.00024	-.000	.000	-.00437	.000	1
S3	12.500	12.853	.353	2.82	.10773	.001	1
S4	25.000	25.170	.170	.681	.21516	.001	1
S5	50.000	49.278	-.722	-1.44	.42542	.001	1



Mo 202.030 {467}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

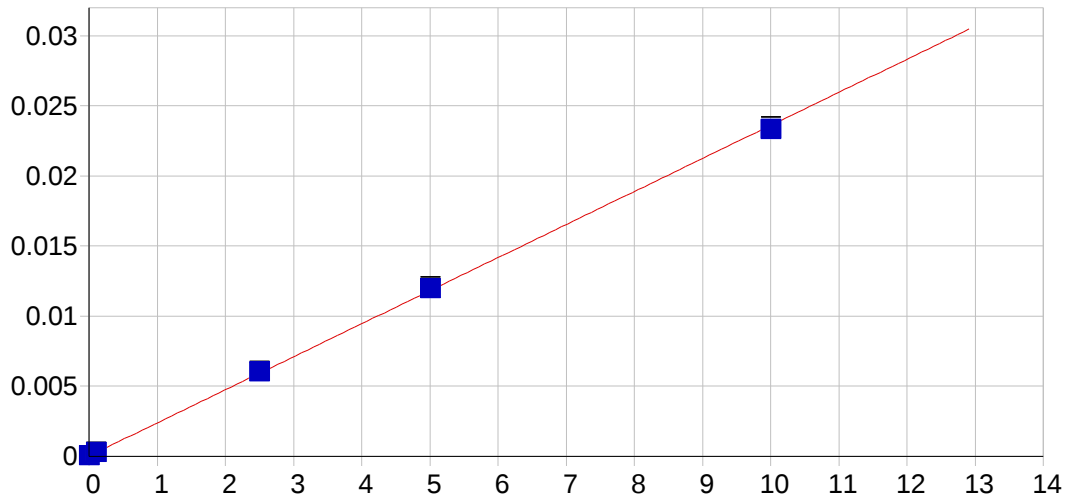
Weighting: 1/Conc

A0 (Offset): 0.000203
 A1 (Gain): 0.841740
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.001214
 Predicted MDL: 0.000246
 Predicted MQL: 0.000819

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	.00019	.000	1
S1	.20000	.20563	.006	2.82	.17329	.001	1
S3	2.5000	2.5856	.086	3.43	2.1766	.001	1
S4	5.0000	5.0627	.063	1.25	4.2617	.025	1
S5	10.000	9.8460	-.154	-1.54	8.2880	.014	1

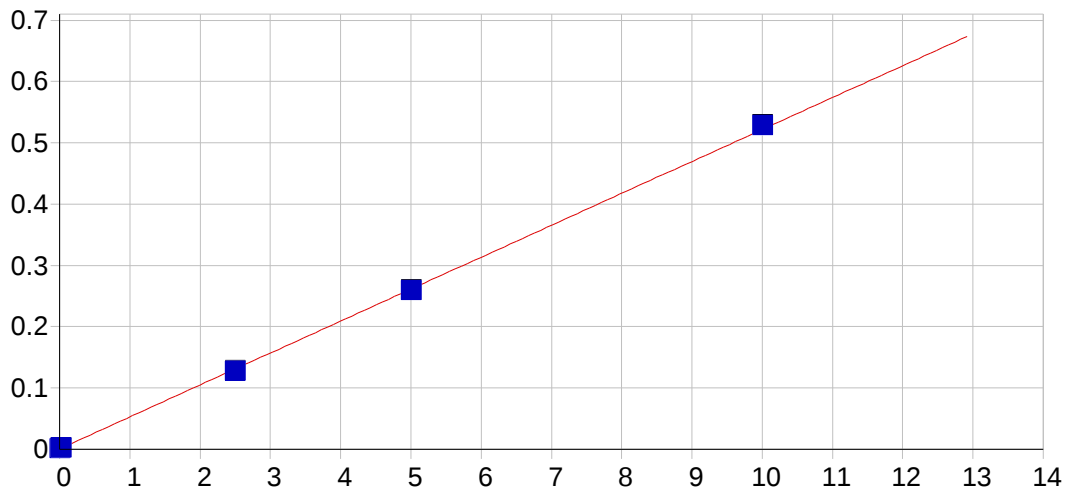


B 249.678 {135}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.002358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011661
 Predicted MQL: 0.038870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.10000	.10289	.003	2.89	.00027	.000	1
S3	2.5000	2.5421	.042	1.69	.00601	.000	1
S4	5.0000	5.0690	.069	1.38	.01195	.000	1
S5	10.000	9.8860	-.114	-1.14	.02328	.000	1



S 182.034 {485}

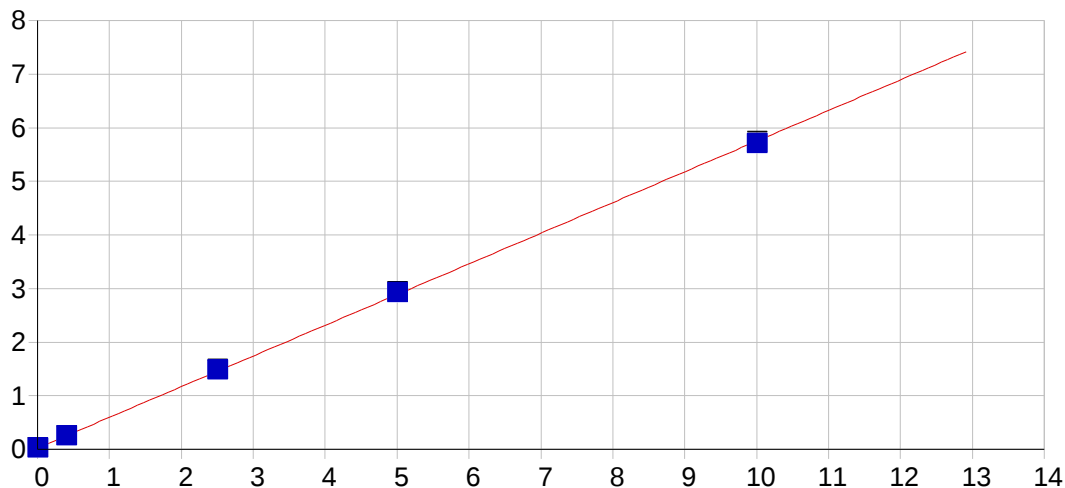
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000876 Re-Slope: 1.000000
 A1 (Gain): 0.052083 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000021
 Predicted MDL: 0.002565
 Predicted MQL: 0.008549

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00088	.000	1
S1	.02000	.01522	-.005	-23.9	.00164	.000	1
S3	2.5000	2.4306	-.069	-2.77	.12733	.000	1
S4	5.0000	4.9549	-.045	-.903	.25865	.001	1
S5	10.000	10.119	.119	1.19	.52733	.002	1



Si 288.158 {117}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

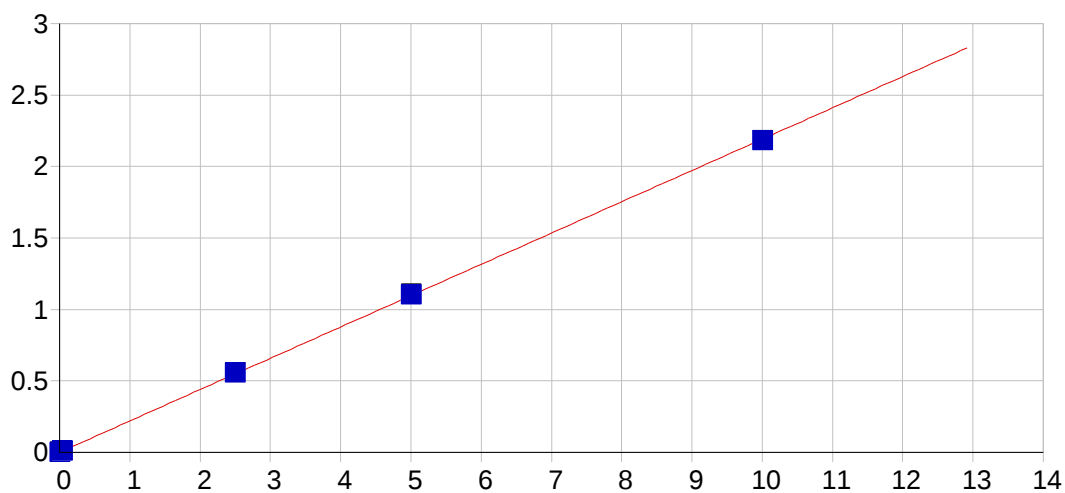
Weighting: 1/Conc

A0 (Offset): 0.024155
 A1 (Gain): 0.572515
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000732
 Predicted MDL: 0.002110
 Predicted MQL: 0.007033

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	.02416	.001	1
S1	.40000	.38572	-.014	-3.57	.24479	.002	1
S3	2.5000	2.5390	.039	1.56	1.4770	.009	1
S4	5.0000	5.0576	.058	1.15	2.9182	.013	1
S5	10.000	9.9178	-.082	-.822	5.6992	.036	1

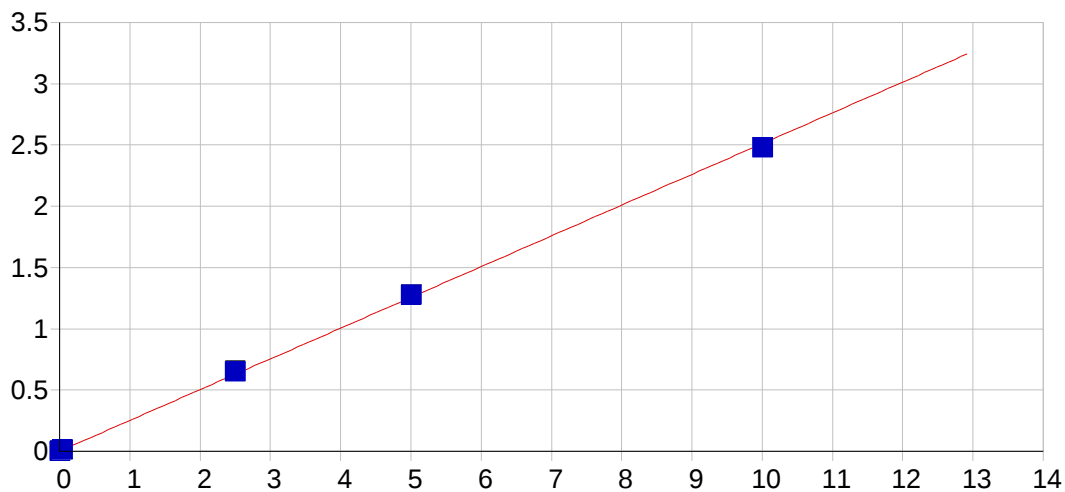


Sn 189.989 {477}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001329 Re-Slope: 1.000000
 A1 (Gain): 0.219017 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.000621
 Predicted MQL: 0.002071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00133	.000	1
S1	.04000	.03756	-.002	-6.11	.00955	.000	1
S3	2.5000	2.5280	.028	1.12	.55509	.001	1
S4	5.0000	5.0267	.027	.535	1.1025	.004	1
S5	10.000	9.9477	-.052	-.523	2.1804	.002	1



Ti 336.121 {100}

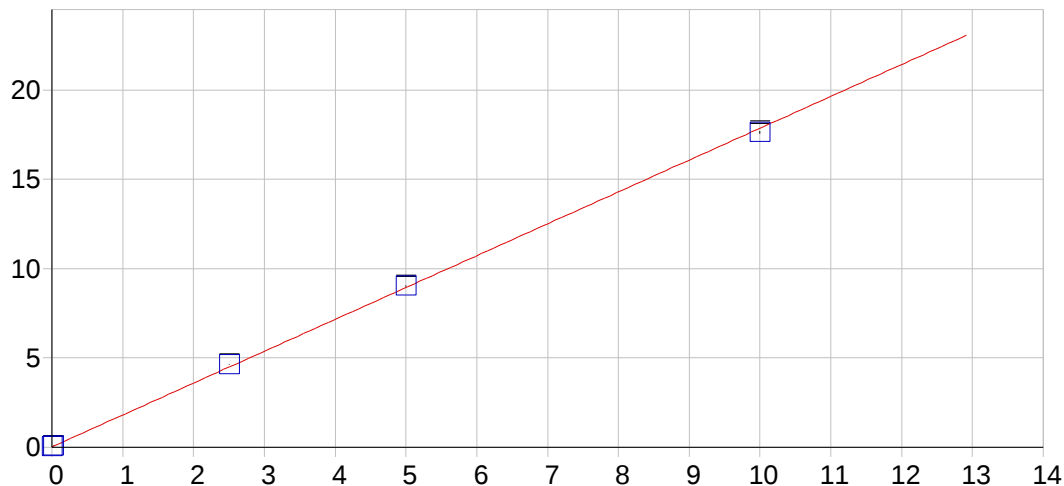
Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001262 Re-Slope: 1.000000
 A1 (Gain): 0.251017 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851
 Std Error of Est: 0.000148
 Predicted MDL: 0.002136
 Predicted MQL: 0.007121

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00126	.000	1
S1	.04000	.03945	-.001	-1.37	.01116	.001	1
S3	2.5000	2.5756	.076	3.02	.64770	.004	1
S4	5.0000	5.0675	.067	1.35	1.2731	.001	1
S5	10.000	9.8575	-.143	-1.43	2.4753	.001	1



Li 670.784 { 50}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

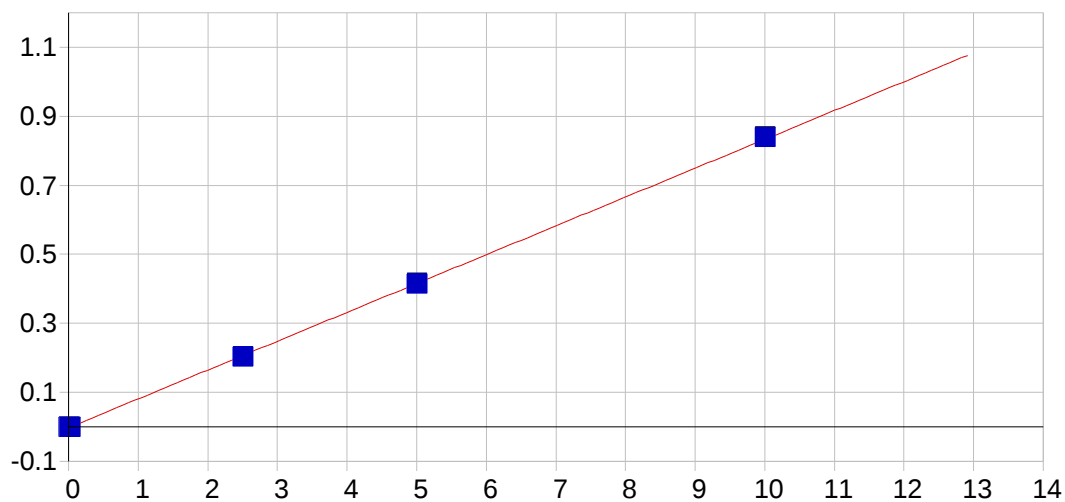
Weighting: 1/Conc

A0 (Offset): 0.024947
 A1 (Gain): 1.783360
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000721
 Predicted MDL: 0.001636
 Predicted MQL: 0.005452

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	.02494	.002	1
S1	.02000	.02137	.001	6.84	.06305	.003	1
S3	2.5000	2.5829	.083	3.32	4.6312	.009	1
S4	5.0000	5.0448	.045	.897	9.0217	.039	1
S5	10.000	9.8709	-.129	-1.29	17.628	.061	1

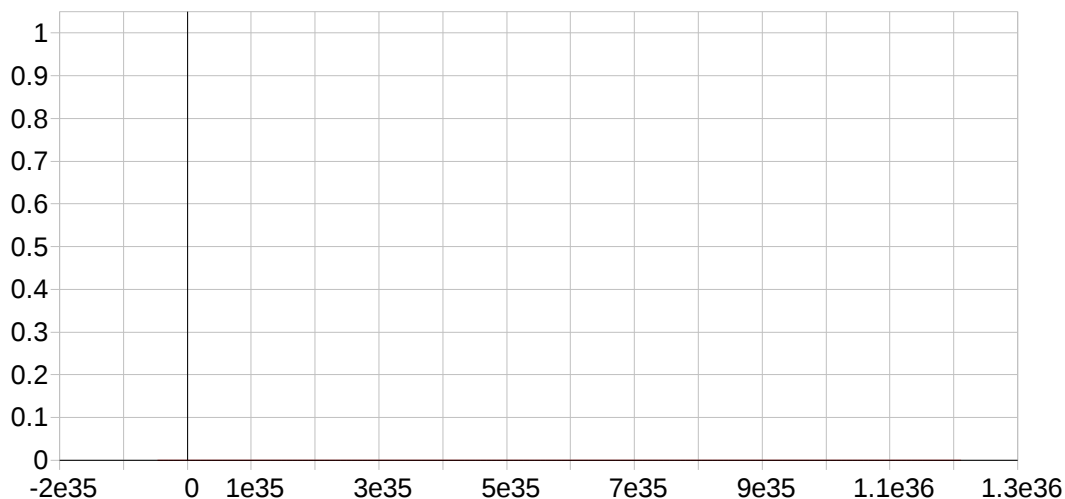


P 177.495 {490}

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002392 Re-Slope: 1.000000
 A1 (Gain): 0.083555 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.001576
 Predicted MQL: 0.005253

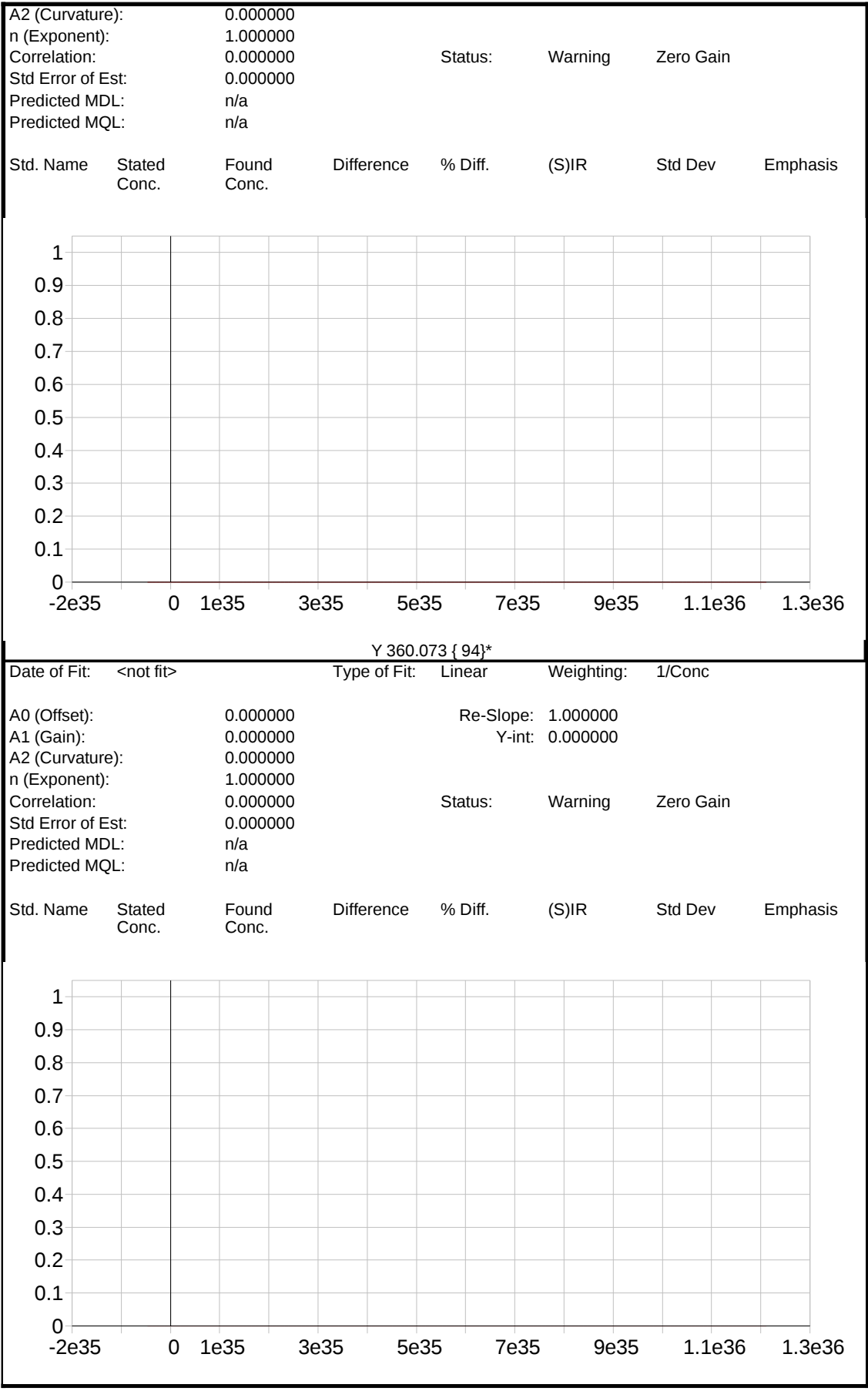
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00239	.000	1
S1	.02000	.01789	-.002	-10.5	-.00090	.000	1
S3	2.5000	2.4560	-.044	-1.76	.20252	.000	1
S4	5.0000	4.9801	-.020	-.398	.41312	.002	1
S5	10.000	10.066	.066	.660	.83746	.001	1

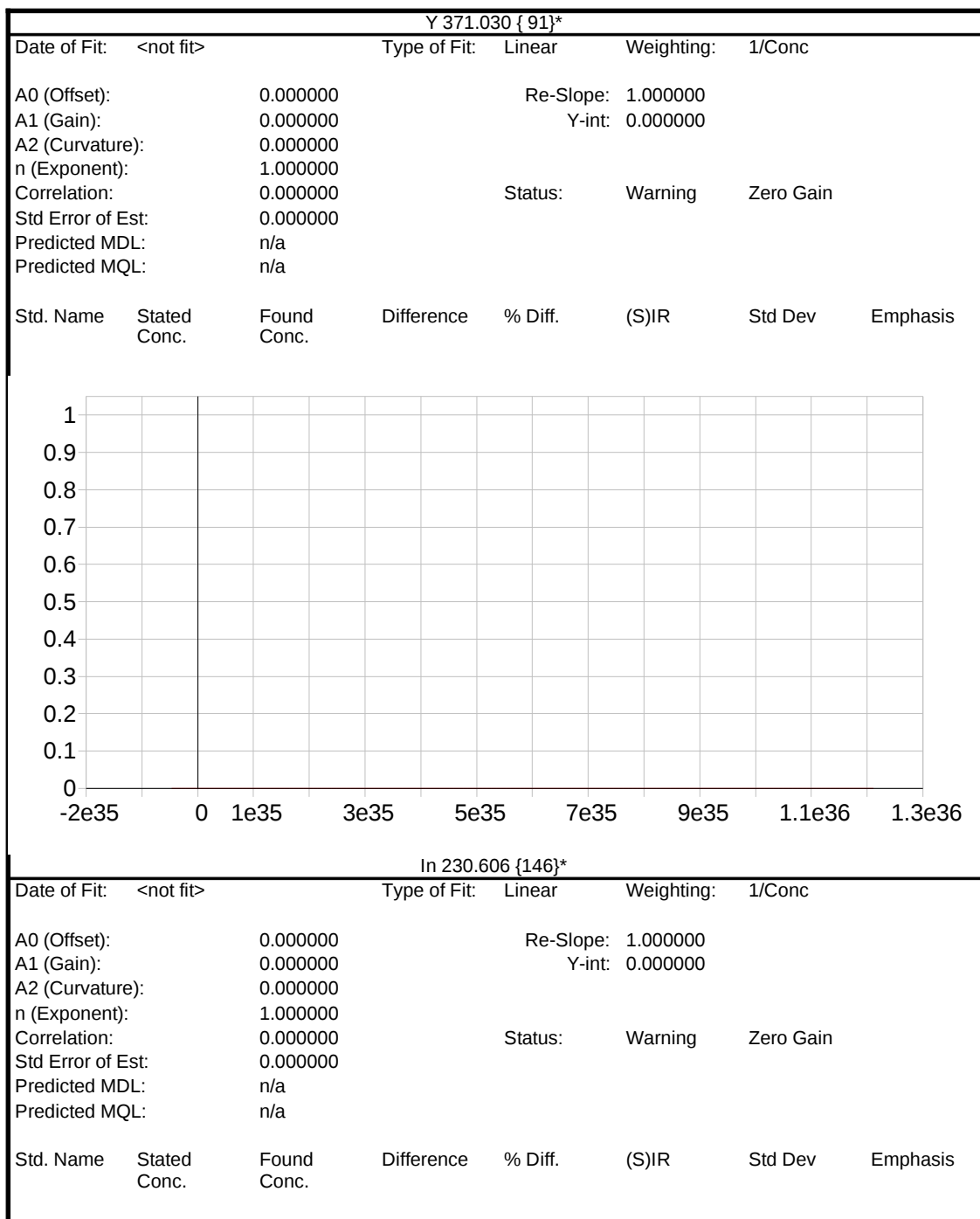


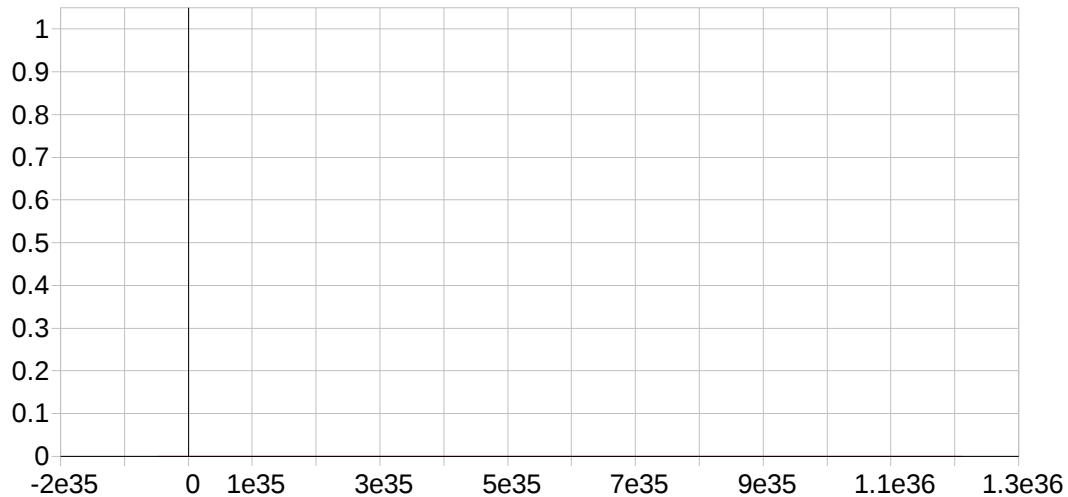
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

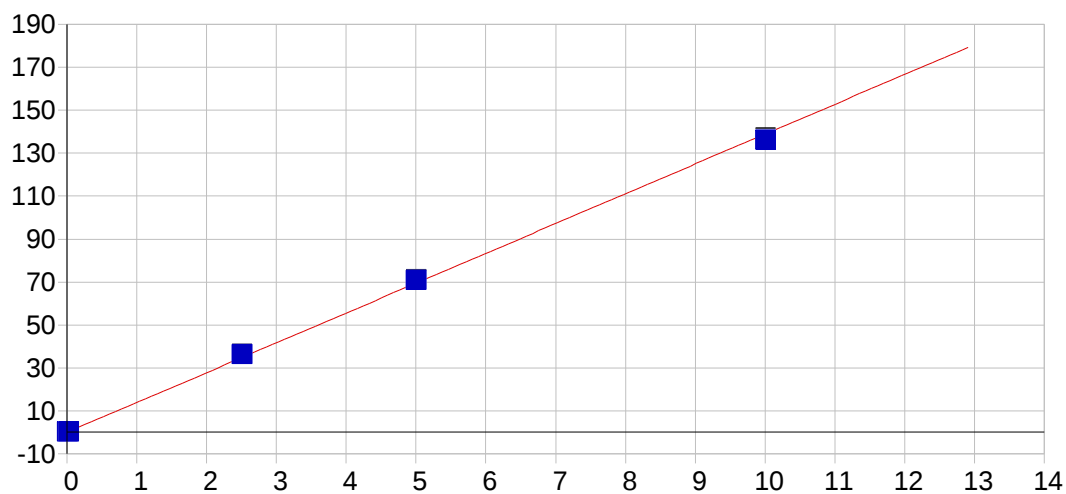
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005514

Re-Slope: 1.000000

A1 (Gain): 13.888480

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999717

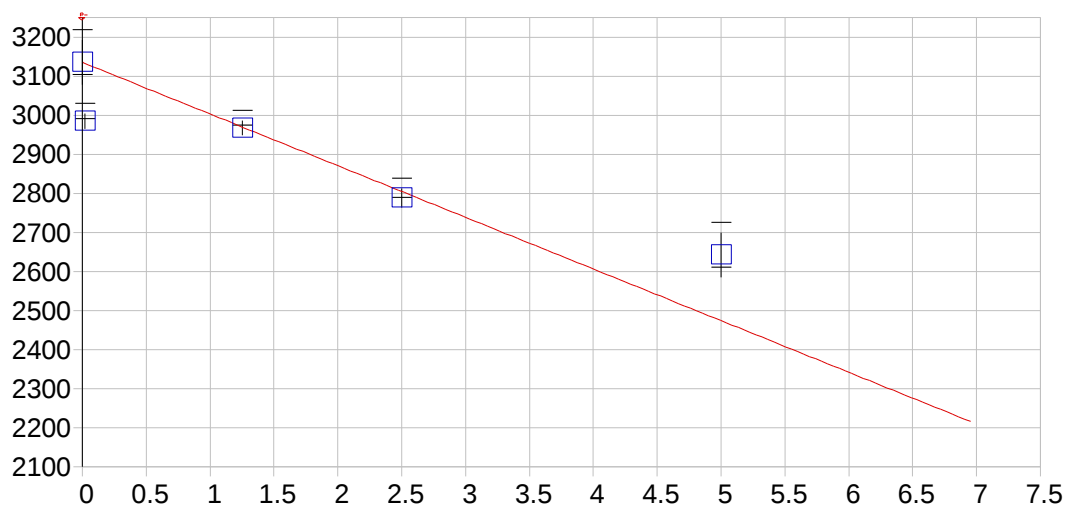
Status: OK.

Std Error of Est: 0.007985

Predicted MDL: 0.000086

Predicted MQL: 0.000286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00553	.002	1
S1	.02000	.02044	.000	2.18	.27984	.002	1
S3	2.5000	2.6022	.102	4.09	36.173	.095	1
S4	5.0000	5.0954	.095	1.91	70.838	.231	1
S5	10.000	9.8020	-.198	-1.98	136.28	.795	1

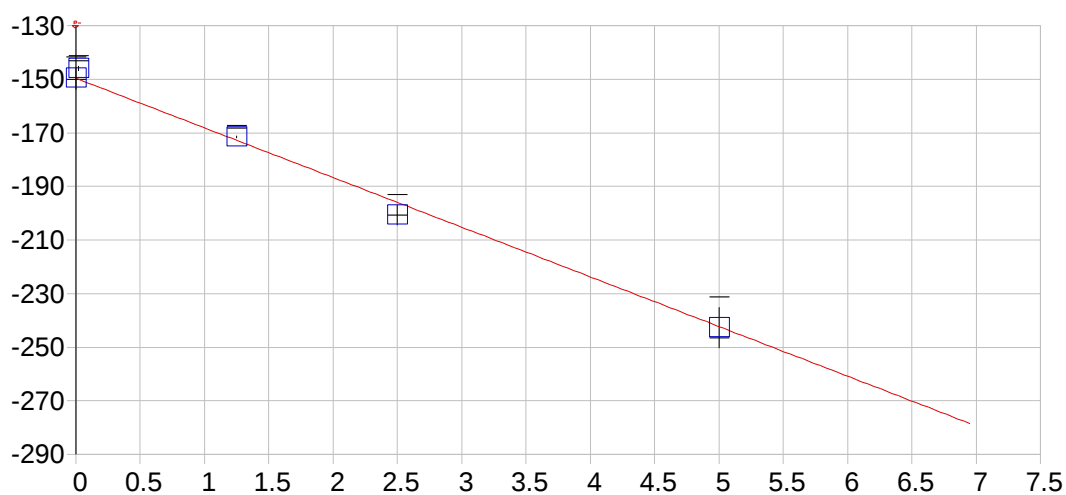


U 367.007 { 92 }

Date of Fit: 5/29/2019 15:55:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3135.208880 Re-Slope: 1.000000
A1 (Gain): -132.225305 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.348842 Status: Warning Negative Gain
Std Error of Est: 6.070410
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00112	-.001	.000	3135.4	57.5	1
S1	.02000	1.1416	1.12	5610.	2984.3	19.3	1
S3	1.2500	1.2710	.021	1.68	2967.1	18.9	1
S4	2.5000	2.6289	.129	5.16	2787.6	24.7	1
S5	5.0000	3.7284	-1.27	-25.4	2642.2	57.6	1



U 385.958 { 87}

Date of Fit: 5/29/2019 15:55:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -149.653674

Re-Slope: 1.000000

A1 (Gain): -18.527101

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.887134

Status: Warning

Negative Gain

Std Error of Est: 0.164706

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	-149.66	4.22	1
S1	.02000	-.19638	-.216	-1080.	-146.02	.913	1
S3	1.2500	1.1827	-.067	-5.39	-171.57	.536	1
S4	2.5000	2.7566	.257	10.3	-200.73	3.89	1
S5	5.0000	5.0271	.027	.542	-242.79	7.68	1

Sample Name: S0 Acquired: 5/29/2019 11:41:23 Type: Cal
Method: P4-ICP2(v3155) 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	-.00016	.00017	.00238	-.00013	.00059	.00072	.00100	.00008
Stddev	.00010	.00024	.00019	.00007	.00020	.00007	.00020	.00004
%RSD	59.901	140.88	8.0205	52.022	33.533	10.030	20.191	45.493

#1	-.00008	.00027	.00253	-.00021	.00068	.00067	.00082	.00011
#2	-.00026	.00035	.00217	-.00008	.00036	.00069	.00095	.00009
#3	-.00013	-.00010	.00244	-.00010	.00072	.00081	.00122	.00004

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	-.00032	.00066	-.00021	-.00054	.00326	.00092	.00027	.00005
Stddev	.00021	.00049	.00007	.00010	.00024	.00002	.00005	.00003
%RSD	64.118	74.965	32.179	17.664	7.4950	2.3537	17.618	49.637

#1	-.00013	.00079	-.00020	-.00043	.00302	.00094	.00031	.00006
#2	-.00053	.00108	-.00027	-.00061	.00351	.00090	.00030	.00002
#3	-.00030	.00011	-.00014	-.00058	.00324	.00093	.00022	.00008

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	-.00712	-.00059	.00135	-.00003	.00335	-.00437	.00019	.00003
Stddev	.00017	.00007	.00014	.00009	.00013	.00016	.00016	.00002
%RSD	2.3331	10.995	10.512	327.99	3.8421	3.7352	84.844	63.928

#1	-.00717	-.00066	.00119	-.00013	.00338	-.00455	.00030	.00002
#2	-.00693	-.00060	.00144	.00003	.00321	-.00425	.00028	.00001
#3	-.00726	-.00053	.00144	.00002	.00346	-.00430	.00000	.00005

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	.00088	.02416	.00133	.00126	.02494	-.0024	-.00553	3135.4
Stddev	.00004	.00103	.00023	.00017	.00209	.0001	.00151	57.5
%RSD	4.0853	4.2782	17.469	13.210	8.3679	3.776	27.391	1.8354

#1	.00086	.02312	.00159	.00126	.02397	-.0025	-.00611	3185.6
#2	.00085	.02417	.00124	.00143	.02352	-.0024	-.00381	3072.6
#3	.00092	.02519	.00116	.00110	.02734	-.0023	-.00667	3147.9

Sample Name: S0 Acquired: 5/29/2019 11:41:23 Type: Cal
Method: P4-ICP2(v3155) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-149.66
Stddev	4.22
%RSD	2.8177

#1	-149.86
#2	-153.77
#3	-145.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.0	45911.	4005.5	40.066	3894.3
Stddev	12.0	165.	15.0	.454	11.0
%RSD	.33215	.36012	.37343	1.1335	.28239

#1	3610.2	45862.	3988.4	39.598	3882.7
#2	3629.4	46095.	4015.7	40.095	3895.7
#3	3632.4	45775.	4012.6	40.505	3904.6

Sample Name: S1 Acquired: 5/29/2019 11:45:51 Type: Cal
Method: P4-ICP2(v3155) 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	.00097	.00559	.00515	.00113	.00853	.00164	.03922	.00467
Stddev	.00005	.00005	.00009	.00012	.00019	.00003	.00018	.00003
%RSD	5.1048	.84547	1.6846	10.979	2.2172	1.6340	.47064	.73741

#1	.00100	.00564	.00518	.00101	.00873	.00167	.03930	.00468
#2	.00091	.00555	.00522	.00111	.00835	.00162	.03901	.00463
#3	.00099	.00558	.00506	.00126	.00850	.00163	.03935	.00469

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	.02726	.00203	.03583	.02294	.01129	.02419	.02296	.00261
Stddev	.00034	.00011	.00028	.00014	.00005	.00005	.00008	.00014
%RSD	1.2324	5.5474	.79208	.59033	.40323	.21484	.35008	5.4628

#1	.02702	.00194	.03601	.02302	.01130	.02416	.02292	.00265
#2	.02712	.00215	.03597	.02279	.01125	.02425	.02306	.00272
#3	.02765	.00199	.03550	.02303	.01134	.02416	.02291	.00245

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	.01011	.09089	.17329	.00027	.00164	.24479	.00955	.01116
Stddev	.00008	.00036	.00068	.00001	.00009	.00168	.00011	.00061
%RSD	.76919	.39159	.39308	3.3223	5.5947	.68806	1.1685	5.4511

#1	.01006	.09130	.17406	.00028	.00170	.24285	.00948	.01099
#2	.01008	.09066	.17303	.00027	.00167	.24579	.00950	.01184
#3	.01020	.09071	.17278	.00026	.00153	.24575	.00968	.01066

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06305	-.0009	.27984	2984.3	-146.02
Stddev	.00325	.0001	.00172	19.3	.91
%RSD	5.1552	10.36	.61373	.64728	.62549

#1	.05950	-.0008	.28034	2963.7	-146.72
#2	.06379	-.0010	.27792	2987.1	-144.98
#3	.06587	-.0009	.28125	3002.0	-146.34

Sample Name: S1 Acquired: 5/29/2019 11:45:51 Type: Cal
Method: P4-ICP2(v3155) 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	3618.8	46293.	4069.7	40.690	3867.3
Stddev	10.6	54.	15.8	1.345	4.9
%RSD	.29250	.11623	.38756	3.3063	.12795
#1	3606.8	46232.	4060.7	42.243	3862.2
#2	3622.8	46310.	4060.5	39.882	3872.1
#3	3626.8	46336.	4087.9	39.945	3867.7

Sample Name: S2 Acquired: 5/29/2019 11:50:24 Type: Cal
Method: P4-ICP2(v3155) 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	.13509	.00142	.07017	.01481
Stddev	.00078	.00002	.00043	.00003
%RSD	.57606	1.2630	.60816	.18550

#1	.13506	.00142	.07054	.01478
#2	.13588	.00143	.07028	.01483
#3	.13432	.00140	.06970	.01482

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	46544.	4135.5
Stddev	261.	2.6
%RSD	.56154	.06337

#1	46244.	4137.0
#2	46719.	4137.1
#3	46669.	4132.5

Sample Name: S3 Acquired: 5/29/2019 11:54:38 Type: Cal
Method: P4-ICP2(v3155) 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	.16449	.34385	.64597	.17186	.41252	.04660	1.9476	.09702
Stddev	.00043	.00097	.00136	.00079	.00062	.00007	.0062	.00019
%RSD	.25963	.28211	.21019	.45962	.14968	.14993	.31728	.19317

#1	.16460	.34431	.64750	.17208	.41323	.04664	1.9539	.09724
#2	.16486	.34450	.64554	.17252	.41218	.04652	1.9416	.09694
#3	.16402	.34273	.64488	.17099	.41215	.04665	1.9474	.09689

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9820	.75600	.11457	1.6068	.61913	.26562	1.4425	.00794
Stddev	.0092	.00395	.00015	.0036	.00090	.00060	.0009	.00007
%RSD	.15461	.52288	.13395	.22519	.14481	.22533	.06374	.82241

#1	5.9890	.75223	.11441	1.6086	.61822	.26498	1.4416	.00802
#2	5.9854	.76012	.11472	1.6092	.62001	.26572	1.4434	.00789
#3	5.9715	.75566	.11458	1.6026	.61915	.26616	1.4425	.00792

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	.96732	.20083	.39896	.32625	2.8963	.10773	2.1766	.00601
Stddev	.00171	.00016	.00139	.00063	.0062	.00066	.0008	.00003
%RSD	.17710	.08090	.34879	.19193	.21381	.60992	.03478	.47303

#1	.96788	.20070	.40053	.32598	2.9018	.10848	2.1774	.00600
#2	.96869	.20101	.39845	.32696	2.8974	.10746	2.1765	.00599
#3	.96540	.20078	.39789	.32580	2.8896	.10726	2.1759	.00604

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	.12733	1.4770	.55509	.64770	4.6312	.2025	36.173	2967.1
Stddev	.00047	.0091	.00114	.00374	.0091	.0004	.095	18.9
%RSD	.36813	.61302	.20584	.57805	.19688	.1850	.26349	.63629

#1	.12711	1.4673	.55499	.64365	4.6275	.2029	36.067	2987.8
#2	.12786	1.4852	.55628	.65103	4.6246	.2025	36.252	2950.8
#3	.12700	1.4785	.55400	.64841	4.6416	.2022	36.201	2962.8

Sample Name: S3 Acquired: 5/29/2019 11:54:38 Type: Cal
 Method: P4-ICP2(v3155) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-171.57
Stddev	.54
%RSD	.31270

#1	-172.10
#2	-171.57
#3	-171.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.9	44602.	4041.9	39.150	3591.6
Stddev	8.9	254.	4.3	1.278	12.5
%RSD	.25257	.56939	.10697	3.2645	.34931

#1	3502.7	44313.	4038.7	39.017	3577.5
#2	3517.2	44786.	4040.2	37.944	3595.4
#3	3518.8	44708.	4046.8	40.490	3601.7

Sample Name: S4 Acquired: 5/29/2019 11:58:38 Type: Cal
Method: P4-ICP2(v3155) 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	.32620	.68214	1.2808	.33806	.81061	.09103	3.8020	.19048
Stddev	.00196	.00164	.0055	.00221	.00230	.00077	.0226	.00038
%RSD	.60049	.23989	.42760	.65378	.28374	.84715	.59547	.19981

#1	.32772	.68355	1.2867	.34049	.81274	.09017	3.8122	.19030
#2	.32688	.68253	1.2801	.33753	.81091	.09129	3.7760	.19092
#3	.32399	.68035	1.2758	.33617	.80817	.09165	3.8177	.19023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.955	1.4775	.22413	3.2020	1.1937	.50841	2.8121	.01550
Stddev	.056	.0028	.00042	.0099	.0051	.00017	.0035	.00011
%RSD	.47123	.18916	.18882	.31039	.42809	.03291	.12434	.68199

#1	12.017	1.4749	.22444	3.2128	1.1989	.50837	2.8081	.01540
#2	11.944	1.4804	.22365	3.1999	1.1934	.50827	2.8141	.01561
#3	11.906	1.4771	.22431	3.1933	1.1887	.50859	2.8141	.01550

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	1.9163	.39350	.78170	.64288	5.7832	.21516	4.2617	.01195
Stddev	.0103	.00102	.00406	.00070	.0264	.00087	.0248	.00011
%RSD	.53590	.25888	.51997	.10897	.45582	.40414	.58182	.89535

#1	1.9279	.39237	.77701	.64221	5.8116	.21416	4.2865	.01184
#2	1.9130	.39378	.78417	.64361	5.7786	.21568	4.2618	.01196
#3	1.9082	.39434	.78393	.64281	5.7594	.21564	4.2369	.01206

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	.25865	2.9182	1.1025	1.2731	9.0217	.4131	70.838	2787.6
Stddev	.00136	.0132	.0042	.0006	.0391	.0016	.231	24.7
%RSD	.52611	.45244	.37696	.04417	.43383	.3775	.32619	.88477

#1	.25992	2.9331	1.1061	1.2733	9.0644	.4146	71.039	2815.3
#2	.25882	2.9082	1.1034	1.2725	9.0134	.4132	70.889	2768.0
#3	.25721	2.9131	1.0979	1.2736	8.9874	.4115	70.586	2779.5

Sample Name: S4 Acquired: 5/29/2019 11:58:38 Type: Cal
 Method: P4-ICP2(v3155) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-200.73
Stddev	3.89
%RSD	1.9400

#1	-196.23
#2	-202.99
#3	-202.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.9	43885.	3986.7	37.256	3433.9
Stddev	16.0	26.	29.7	1.994	15.1
%RSD	.46358	.05990	.74503	5.3529	.43975

#1	3430.1	43891.	3952.4	37.264	3417.4
#2	3448.7	43856.	4002.5	35.258	3437.3
#3	3461.9	43908.	4005.2	39.247	3447.0

Sample Name: S5 Acquired: 5/29/2019 12:02:46 Type: Cal
Method: P4-ICP2(v3155) 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	.64135	1.3289	2.5258	.66168	1.5910	.17697	7.4427	.36948
Stddev	.00173	.0011	.0023	.00068	.0007	.00018	.0621	.00068
%RSD	.26915	.08107	.09186	.10310	.04649	.10357	.83488	.18321
#1	.64012	1.3295	2.5236	.66137	1.5901	.17694	7.5123	.37013
#2	.64060	1.3277	2.5254	.66121	1.5915	.17680	7.4229	.36953
#3	.64332	1.3295	2.5282	.66247	1.5913	.17717	7.3928	.36878
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	23.633	2.8567	.43175	6.3595	2.2992	.97633	5.3048	.03010
Stddev	.022	.0021	.00053	.0114	.0032	.00056	.0016	.00006
%RSD	.09510	.07329	.12180	.17936	.13703	.05701	.03071	.18605
#1	23.625	2.8582	.43235	6.3494	2.2955	.97695	5.3046	.03014
#2	23.615	2.8576	.43150	6.3571	2.3008	.97617	5.3064	.03004
#3	23.658	2.8543	.43140	6.3719	2.3012	.97588	5.3032	.03013
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7845	.76566	1.5308	1.2563	11.501	.42542	8.2880	.02328
Stddev	.0016	.00227	.0037	.0037	.015	.00142	.0145	.00016
%RSD	.04232	.29652	.24291	.29109	.13173	.33382	.17460	.69853
#1	3.7842	.76691	1.5347	1.2555	11.497	.42688	8.2764	.02318
#2	3.7831	.76703	1.5273	1.2603	11.489	.42405	8.2834	.02320
#3	3.7863	.76304	1.5303	1.2531	11.518	.42533	8.3042	.02347
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	.52733	5.6992	2.1804	2.4753	17.628	.8375	136.28	2642.2
Stddev	.00178	.0356	.0023	.0011	.061	.0014	.80	57.6
%RSD	.33791	.62494	.10394	.04508	.34512	.1727	.58346	2.1788
#1	.52679	5.6801	2.1800	2.4765	17.634	.8375	135.38	2694.6
#2	.52588	5.7403	2.1784	2.4751	17.686	.8360	136.87	2580.6
#3	.52932	5.6771	2.1829	2.4743	17.565	.8389	136.59	2651.5

Sample Name: S5 Acquired: 5/29/2019 12:02:46 Type: Cal
 Method: P4-ICP2(v3155) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-242.79
Stddev	7.68
%RSD	3.1614

#1	-251.65
#2	-238.05
#3	-238.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.7	43323.	3948.4	37.490	3254.6
Stddev	1.8	244.	25.6	.479	5.3
%RSD	.05388	.56359	.64786	1.2770	.16416

#1	3357.6	43062.	3933.9	37.513	3249.1
#2	3360.7	43363.	3933.4	37.000	3259.8
#3	3357.6	43545.	3978.0	37.957	3254.9

Sample Name: ICV01 Acquired: 5/29/2019 12:28:07 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98294	1.0232	.97921	.99258	.96651	2.4663	.49661
Stddev	.00491	.0045	.00614	.00321	.00308	.0144	.00142
%RSD	.50000	.43712	.62655	.32366	.31885	.58362	.28567

#1	.98079	1.0283	.98607	.99343	.96814	2.4732	.49728
#2	.98857	1.0217	.97730	.99528	.96844	2.4497	.49498
#3	.97947	1.0197	.97425	.98903	.96296	2.4759	.49756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48479	.47833	10.183	.49995	.48967	.49381	5.0893
Stddev	.00082	.00087	.035	.00094	.00147	.00103	.0049
%RSD	.16970	.18111	.34088	.18705	.30041	.20790	.09635

#1	.48572	.47932	10.157	.50096	.49067	.49476	5.0949
#2	.48416	.47770	10.170	.49911	.49035	.49394	5.0873
#3	.48448	.47799	10.222	.49980	.48798	.49272	5.0857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51343	5.8117	.48853	.49898	9.9126	.50001	.97922
Stddev	.00143	.0867	.00098	.00040	.0166	.00116	.00358
%RSD	.27892	1.4914	.20013	.08053	.16758	.23270	.36595

#1	.51483	5.8426	.48916	.49869	9.9285	.50124	.98334
#2	.51349	5.7139	.48903	.49882	9.9141	.49892	.97687
#3	.51197	5.8788	.48741	.49944	9.8953	.49987	.97745

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6534	2.5590	2.4872	F -.00105	2.4183	2.4849	2.6109
Stddev	.0246	.0058	.0182	.00091	.0115	.0051	.0048
%RSD	.25498	.22547	.73020	86.994	.47609	.20579	.18301

#1	9.6271	2.5652	2.4924	-.00023	2.4302	2.4907	2.6068
#2	9.6573	2.5538	2.4670	-.00088	2.4175	2.4809	2.6098
#3	9.6759	2.5581	2.5022	-.00203	2.4072	2.4832	2.6161

Sample Name: ICV01 Acquired: 5/29/2019 12:28:07 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00074	F -.0041	F .00611	F 3.1435	F 2.2642
Stddev	.00041	.0018	.00007	.1400	.5222
%RSD	55.326	43.64	1.2139	4.4547	23.065
#1	.00109	-.0047	.00615	3.1371	1.8315
#2	.00029	-.0055	.00602	3.0068	2.1168
#3	.00084	-.0021	.00615	3.2866	2.8443
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.4	45160.	4009.9	38.888	3691.2
Stddev	14.5	126.	16.8	.711	17.0
%RSD	.40988	.28010	.41779	1.8282	.45971
#1	3518.7	45016.	3990.6	39.194	3671.6
#2	3544.3	45212.	4019.0	39.394	3701.2
#3	3543.4	45253.	4020.1	38.075	3700.8

Sample Name: LLICV01 Acquired: 5/29/2019 12:32:13 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01850	.04093	.01187	.02215	.05044	.09690	.10199	.00612
Stddev	.00123	.00071	.00048	.00050	.00107	.00175	.00091	.00007
%RSD	6.6654	1.7403	4.0596	2.2552	2.1200	1.8106	.89565	1.0770
#1	.01799	.04070	.01242	.02222	.05064	.09801	.10115	.00605
#2	.01991	.04036	.01164	.02162	.04928	.09487	.10296	.00615
#3	.01760	.04173	.01155	.02261	.05139	.09781	.10186	.00616
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00571	2.0350	.01045	.02850	.02104	.10441	.02194	2.0056
Stddev	.00009	.0217	.00005	.00021	.00005	.00170	.00012	.0699
%RSD	1.5838	1.0656	.48273	.73171	.24760	1.6271	.54704	3.4868
#1	.00568	2.0100	.01045	.02828	.02098	.10637	.02182	1.9267
#2	.00582	2.0457	.01050	.02852	.02107	.10351	.02195	2.0299
#3	.00565	2.0491	.01040	.02870	.02107	.10335	.02205	2.0601
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03885	.01027	2.0024	.04055	.03789	1.9857	.20559	.11676
Stddev	.00031	.00018	.0140	.00027	.00001	.0135	.00026	.01488
%RSD	.78787	1.7342	.69932	.65936	.03389	.67888	.12562	12.740
#1	.03869	.01012	1.9972	.04079	.03788	1.9918	.20569	.12948
#2	.03921	.01022	2.0182	.04061	.03791	1.9702	.20530	.12039
#3	.03866	.01046	1.9917	.04026	.03789	1.9951	.20579	.10041
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01300	.38216	.03855	.04164	.02195	.0184	.02046	F 2.2399
Stddev	.00287	.00268	.00076	.00111	.00084	.0005	.00011	.2208
%RSD	22.070	.70094	1.9767	2.6648	3.8492	2.869	.51756	9.8564
#1	.01006	.37977	.03915	.04091	.02211	.0178	.02034	2.1001
#2	.01314	.38165	.03881	.04110	.02270	.0186	.02054	2.1251
#3	.01579	.38505	.03770	.04292	.02103	.0188	.02050	2.4944

Sample Name: LLICV01 Acquired: 5/29/2019 12:32:13 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .14370
Stddev	.60012
%RSD	417.61

#1	-.28524
#2	.82950
#3	-.11315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.4	46128.	4047.1	40.890	3830.1
Stddev	11.4	68.	23.5	.914	12.8
%RSD	.31889	.14760	.57967	2.2345	.33293

#1	3568.4	46050.	4054.3	39.877	3819.0
#2	3591.2	46154.	4066.1	41.652	3844.0
#3	3578.7	46179.	4020.9	41.141	3827.3

Sample Name: ICB01 Acquired: 5/29/2019 12:36:38 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00052	-.00079	.00060	.00040	-.00392	.00208	-.00005
Stddev	.00047	.00027	.00065	.00112	.00031	.00689	.00253	.00008
%RSD	25.766	51.347	81.988	185.84	75.846	175.60	122.03	152.14
#1	-.00155	-.00074	-.00147	.00049	.00060	-.01187	.00046	.00004
#2	-.00234	-.00022	-.00071	-.00046	.00056	-.00010	.00077	-.00008
#3	-.00152	-.00061	-.00019	.00177	.00005	.00021	.00500	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01388	-.00011	.00000	-.00048	-.00029	.00002	-.00636
Stddev	.00006	.00543	.00007	.00006	.00005	.00064	.00002	.04422
%RSD	1325.0	39.108	65.576	1879.3	10.867	224.20	108.42	695.53
#1	.00006	.00791	-.00014	.00007	-.00051	.00005	.00003	-.04671
#2	-.00006	.01520	-.00017	-.00003	-.00042	.00012	.00002	.04092
#3	.00002	.01852	-.00003	-.00002	-.00050	-.00103	-.00000	-.01328
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00024	-.01680	.00026	-.00045	.03075	-.00017	.01145
Stddev	.00009	.00022	.00193	.00021	.00006	.01442	.00003	.01314
%RSD	75.443	93.168	11.464	81.267	12.165	46.893	17.046	114.77
#1	-.00016	.00045	-.01459	.00034	-.00042	.01692	-.00018	.02518
#2	-.00018	.00025	-.01806	.00042	-.00042	.02964	-.00020	.01017
#3	-.00002	.00001	-.01776	.00002	-.00052	.04569	-.00014	-.00101
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00596	.00003	-.00065	.00216	.00094	-.0006	.00011	F 2.8065
Stddev	.00183	.00188	.00018	.00263	.00060	.0003	.00017	.0990
%RSD	30.702	6508.6	27.370	122.02	63.638	44.25	156.25	3.5275
#1	-.00449	.00213	-.00046	.00513	.00073	-.0005	.00003	2.8266
#2	-.00801	-.00055	-.00081	.00122	.00162	-.0004	-.00001	2.8939
#3	-.00537	-.00149	-.00069	.00012	.00048	-.0010	.00031	2.6990

Sample Name: ICB01 Acquired: 5/29/2019 12:36:38 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .07727
Stddev	.12738
%RSD	164.86

#1	.20747
#2	.07144
#3	-.04710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.0	46489.	4036.8	41.276	3858.9
Stddev	8.9	150.	15.4	.663	10.4
%RSD	.24890	.32307	.38181	1.6066	.26941

#1	3584.7	46391.	4054.1	40.541	3847.3
#2	3595.0	46662.	4024.7	41.830	3861.8
#3	3602.5	46414.	4031.5	41.457	3867.5

Sample Name: CRI01 Acquired: 5/29/2019 12:41:06 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01752	.04026	.01091	.02100	.04936	.09608	.10141	.00610
Stddev	.00334	.00072	.00062	.00233	.00046	.00579	.00121	.00002
%RSD	19.047	1.7832	5.6663	11.074	.92938	6.0241	1.1927	.38318
#1	.02121	.04059	.01079	.01953	.04972	.10085	.10109	.00610
#2	.01472	.04076	.01037	.02368	.04885	.09774	.10039	.00608
#3	.01662	.03944	.01159	.01979	.04952	.08964	.10274	.00612
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00582	2.0532	.01027	.02840	.02087	.10372	.02205	1.9702
Stddev	.00005	.0114	.00057	.00017	.00011	.00101	.00015	.0285
%RSD	.80603	.55482	5.5535	.58646	.53789	.97828	.66851	1.4462
#1	.00580	2.0488	.01092	.02820	.02085	.10296	.02196	1.9407
#2	.00588	2.0661	.01000	.02850	.02077	.10333	.02197	1.9722
#3	.00579	2.0446	.00988	.02849	.02099	.10487	.02222	1.9976
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03915	.01052	1.9855	.04072	.03809	1.9401	.20640	.10438
Stddev	.00037	.00028	.0266	.00005	.00017	.0166	.00086	.01525
%RSD	.94306	2.6765	1.3410	.11506	.43386	.85417	.41823	14.614
#1	.03904	.01074	1.9652	.04069	.03824	1.9423	.20588	.10930
#2	.03956	.01062	1.9757	.04077	.03792	1.9226	.20740	.08727
#3	.03884	.01020	2.0157	.04070	.03812	1.9555	.20592	.11656
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01356	.38559	.03794	.04222	.02106	.0176	.02048	F 2.3336
Stddev	.00393	.00263	.00065	.00145	.00117	.0013	.00011	.1814
%RSD	29.014	.68292	1.7180	3.4444	5.5573	7.270	.52537	7.7740
#1	.01111	.38770	.03726	.04123	.01995	.0164	.02047	2.5002
#2	.01147	.38643	.03855	.04154	.02228	.0176	.02038	2.1403
#3	.01810	.38264	.03801	.04389	.02094	.0189	.02059	2.3602

Sample Name: CRI01 Acquired: 5/29/2019 12:41:06 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .23888
Stddev	.10667
%RSD	44.655

#1	.25991
#2	.12326
#3	.33347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.7	45972.	4016.8	40.492	3817.9
Stddev	3.7	41.	26.5	.766	3.1
%RSD	.10486	.08934	.66095	1.8916	.08182

#1	3567.0	45941.	3989.4	40.170	3815.6
#2	3566.1	46018.	4018.6	41.366	3816.7
#3	3573.0	45955.	4042.4	39.939	3821.4

Sample Name: ICSA01 Acquired: 5/29/2019 12:45:31 Type: Unk
 Method: P4-ICP2(v3155) 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	-.00726	.00842	-.00905	-.00700	.00313	269.94	.00769	.00230
Stddev	.00197	.00136	.00209	.00360	.00275	2.10	.00042	.00009
%RSD	27.121	16.159	23.118	51.449	87.746	.77941	5.4613	3.8166
#1	-.00951	.00859	-.00865	-.01093	.00120	267.57	.00798	.00238
#2	-.00583	.00699	-.00718	-.00384	.00628	270.63	.00721	.00231
#3	-.00644	.00970	-.01131	-.00625	.00192	271.60	.00787	.00220
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00261	250.13	.04767	-.00051	.00926	97.006	.01403	274.41
Stddev	.00001	.57	.00034	.00018	.00037	.388	.00008	2.27
%RSD	.37551	.22745	.71303	36.166	4.0292	.40020	.57984	.82730
#1	-.00260	250.78	.04788	-.00030	.00941	96.627	.01406	271.87
#2	-.00260	249.76	.04728	-.00065	.00953	96.989	.01394	275.13
#3	-.00262	249.85	.04784	-.00057	.00883	97.403	.01410	276.23
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00649	-.00263	.02408	.00040	-.01258	.02895	-.00076	.01005
Stddev	.00066	.00023	.00816	.00012	.00005	.03958	.00031	.01021
%RSD	10.178	8.6558	33.876	30.728	.41213	136.71	41.466	101.66
#1	-.00621	-.00278	.01473	.00055	-.01253	.03626	-.00085	.00260
#2	-.00724	-.00237	.02772	.00032	-.01264	.06438	-.00041	.00585
#3	-.00602	-.00274	.02977	.00034	-.01258	-.01377	-.00101	.02169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	.00144	.00864	-.00573	.01124	.0162	-.00319	5.2399
Stddev	.00295	.00161	.00098	.00167	.00139	.0012	.00049	.1862
%RSD	81.146	111.91	11.298	29.111	12.348	7.427	15.416	3.5526
#1	.00079	.00300	.00768	-.00655	.01046	.0175	-.00264	5.3281
#2	.00343	-.00022	.00963	-.00381	.01041	.0159	-.00359	5.3656
#3	.00667	.00154	.00860	-.00682	.01284	.0151	-.00333	5.0261

Sample Name: ICSA01 Acquired: 5/29/2019 12:45:31 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	40.226
Stddev	1.004
%RSD	2.4964

#1	39.995
#2	39.358
#3	41.326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.6	40894.	3887.6	37.017	3061.4
Stddev	9.3	45.	34.5	1.472	2.8
%RSD	.29240	.11004	.88730	3.9769	.09106

#1	3178.2	40894.	3848.3	36.990	3058.7
#2	3190.9	40849.	3901.5	35.558	3064.2
#3	3172.8	40939.	3913.0	38.502	3061.3

Sample Name: ICSAB01 Acquired: 5/29/2019 12:50:11 Type: Unk
Method: P4-ICP2(v3155) 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	.10166	.11780	.04273	.04886	.65636	270.12	.58850	.57821
Stddev	.00184	.00191	.00025	.00015	.00085	1.63	.00428	.00025
%RSD	1.8087	1.6229	.57366	.30918	.12890	.60268	.72792	.04365
#1	.10042	.11717	.04268	.04876	.65659	268.80	.58800	.57822
#2	.10377	.11995	.04300	.04879	.65707	269.61	.58449	.57795
#3	.10078	.11629	.04252	.04904	.65542	271.94	.59301	.57845
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0617	248.04	.58487	.53564	.53729	95.732	.56287	274.75
Stddev	.0006	1.74	.00077	.00079	.00041	.152	.00038	1.50
%RSD	.05788	.70295	.13149	.14671	.07687	.15845	.06759	.54575
#1	1.0613	246.10	.58422	.53655	.53717	95.613	.56317	274.63
#2	1.0624	248.52	.58467	.53523	.53695	95.680	.56300	273.31
#3	1.0614	249.49	.58572	.53515	.53775	95.903	.56244	276.31
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0421	.22223	.02062	.54381	1.1299	.02215	1.1049	1.1605
Stddev	.0009	.00103	.00600	.00143	.0010	.00570	.0003	.0165
%RSD	.08945	.46191	29.121	.26270	.08795	25.726	.02324	1.4230
#1	1.0418	.22154	.02495	.54238	1.1308	.01977	1.1047	1.1560
#2	1.0413	.22341	.01376	.54381	1.1301	.02866	1.1048	1.1466
#3	1.0431	.22174	.02314	.54524	1.1289	.01803	1.1052	1.1787
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .42012	.97751	1.1367	1.1106	F .42742	F .4280	F .42913	5.6044
Stddev	.00544	.00593	.0014	.0024	.00054	.0022	.00365	.1921
%RSD	1.2956	.60671	.12719	.21769	.12660	.5164	.84994	3.4280
#1	.42583	.97475	1.1382	1.1081	.42689	.4270	.42494	5.5440
#2	.41954	.98431	1.1353	1.1109	.42739	.4305	.43085	5.4498
#3	.41499	.97345	1.1367	1.1129	.42797	.4264	.43161	5.8195

Sample Name: ICSAB01 Acquired: 5/29/2019 12:50:11 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	39.643
Stddev	.346
%RSD	.87164

#1	39.248
#2	39.884
#3	39.798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.0	40938.	3944.2	37.780	3053.2
Stddev	5.0	49.	23.9	1.838	4.8
%RSD	.15591	.12076	.60594	4.8646	.15800

#1	3171.2	40933.	3968.1	38.061	3047.6
#2	3179.6	40990.	3920.3	35.818	3056.0
#3	3180.0	40892.	3944.3	39.462	3055.8

Sample Name: CCV01 Acquired: 5/29/2019 12:54:34 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0213	5.0664	5.0173	5.0709	5.0710	10.076	10.058	.25371
Stddev	.0165	.0083	.0158	.0134	.0117	.059	.048	.00108
%RSD	.32846	.16350	.31568	.26485	.23144	.59012	.47990	.42747
#1	5.0213	5.0744	5.0191	5.0862	5.0710	10.010	10.030	.25493
#2	5.0378	5.0669	5.0322	5.0659	5.0826	10.092	10.029	.25285
#3	5.0048	5.0579	5.0007	5.0608	5.0592	10.126	10.113	.25336
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5101	25.178	1.0200	2.5169	1.2689	5.0843	2.5908	25.211
Stddev	.0057	.040	.0016	.0053	.0039	.0147	.0053	.303
%RSD	.22912	.15707	.15675	.21169	.31045	.28875	.20277	1.2034
#1	2.5114	25.207	1.0200	2.5173	1.2683	5.1008	2.5965	25.004
#2	2.5151	25.195	1.0184	2.5221	1.2730	5.0790	2.5861	25.069
#3	2.5039	25.133	1.0216	2.5114	1.2652	5.0729	2.5897	25.559
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5039	1.2572	25.242	2.5267	2.5086	24.850	5.0434	5.0246
Stddev	.0047	.0011	.125	.0013	.0060	.114	.0133	.0627
%RSD	.18956	.08733	.49646	.05245	.23863	.45865	.26340	1.2483
#1	2.5057	1.2568	25.098	2.5271	2.5105	24.739	5.0425	4.9978
#2	2.5076	1.2563	25.318	2.5253	2.5135	24.967	5.0571	4.9798
#3	2.4986	1.2584	25.311	2.5279	2.5019	24.845	5.0306	5.0963
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9808	4.9501	4.9823	5.0457	4.9997	5.071	5.0880	F 3.2589
Stddev	.0211	.0511	.0137	.0136	.0441	.015	.0314	.1015
%RSD	.42366	1.0323	.27533	.26859	.88259	.2978	.61606	3.1154
#1	4.9973	5.0091	4.9877	5.0614	5.0427	5.080	5.1160	3.1654
#2	4.9882	4.9192	4.9925	5.0387	5.0019	5.079	5.0938	3.3669
#3	4.9571	4.9220	4.9667	5.0372	4.9545	5.054	5.0541	3.2444

Sample Name: CCV01 Acquired: 5/29/2019 12:54:34 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7994
Stddev .3411
%RSD 12.185

#1 2.7131
#2 3.1753
#3 2.5097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.7	43767.	3991.1	38.120	3415.3
Stddev	2.9	121.	50.5	1.044	2.9
%RSD	.08466	.27600	1.2662	2.7389	.08633

#1	3422.8	43631.	3933.4	37.088	3415.1
#2	3418.4	43860.	4012.7	38.096	3412.5
#3	3423.9	43810.	4027.3	39.175	3418.4

Sample Name: LLCCV01 Acquired: 5/29/2019 12:58:43 Type: Unk
Method: P4-ICP2(v3155) 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	.01914	.04118	.01047	.01963	.05063	.09652	.10141
Stddev	.00296	.00145	.00048	.00061	.00160	.00693	.00137
%RSD	15.472	3.5177	4.6007	3.1258	3.1684	7.1851	1.3465

#1	.02246	.04281	.00993	.01893	.05215	.10452	.10009
#2	.01679	.04069	.01062	.01988	.05080	.09259	.10133
#3	.01816	.04003	.01086	.02008	.04895	.09244	.10282

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	.00580	2.0249	.01003	.02833	.02085	.10277
Stddev	.00008	.00005	.0155	.00043	.00006	.00004	.00092
%RSD	1.3673	.81937	.76749	4.3006	.21995	.20361	.89211

#1	.00603	.00585	2.0069	.01019	.02831	.02080	.10334
#2	.00614	.00578	2.0338	.00954	.02840	.02088	.10172
#3	.00619	.00576	2.0339	.01036	.02828	.02086	.10326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02199	1.9853	.03855	.01036	1.9900	.04007	.03767
Stddev	.00021	.0313	.00003	.00043	.0093	.00010	.00006
%RSD	.93429	1.5754	.07301	4.1717	.46729	.23987	.15220

#1	.02191	1.9815	.03852	.00987	1.9854	.03997	.03766
#2	.02183	1.9560	.03858	.01050	2.0007	.04017	.03773
#3	.02222	2.0183	.03855	.01070	1.9838	.04006	.03762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9654	.20529	.09482	F .01281	.38214	.03765	.04183
Stddev	.0107	.00028	.01226	.00265	.00432	.00042	.00105
%RSD	.54704	.13732	12.930	20.680	1.1311	1.1174	2.5082

#1	1.9777	.20525	.10003	.01430	.38713	.03814	.04112
#2	1.9603	.20559	.08082	.00975	.37955	.03745	.04133
#3	1.9581	.20503	.10362	.01437	.37975	.03737	.04303

Sample Name: LLCCV01 Acquired: 5/29/2019 12:58:43 Type: Unk
Method: P4-ICP2(v3155) 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	.02099	.0164	.02054	F 1.5843	F<.00000
Stddev	.00038	.0011	.00009	.1942	.22868
%RSD	1.8122	6.799	.44487	12.260	2768.9

#1	.02056	.0176	.02051	1.7478	.06824
#2	.02128	.0154	.02064	1.3696	.17237
#3	.02114	.0162	.02046	1.6356	-.26539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.2	46372.	4077.1	41.889	3868.8
Stddev	7.5	56.	18.9	.031	9.9
%RSD	.20873	.11969	.46421	.07459	.25546

#1	3605.5	46318.	4055.7	41.855	3859.2
#2	3613.3	46369.	4091.5	41.895	3868.1
#3	3620.6	46429.	4084.1	41.916	3879.0

Sample Name: CCB01 Acquired: 5/29/2019 13:03:10 Type: Unk
 Method: P4-ICP2(v3155) 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	-.00113	.00015	-.00096	-.00098	-.00034	-.00518	.00046
Stddev	.00088	.00132	.00042	.00249	.00076	.00416	.00052
%RSD	77.421	863.32	43.869	254.83	226.97	80.426	112.43

#1	-.00126	.00139	-.00059	-.00385	-.00024	-.00683	.00013
#2	-.00020	.00029	-.00087	.00063	.00037	-.00826	.00106
#3	-.00194	-.00123	-.00142	.00028	-.00115	-.00044	.00019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00001	.00878	.00020	.00006	-.00052	-.00046
Stddev	.00003	.00001	.00353	.00029	.00013	.00008	.00060
%RSD	35.716	135.41	40.167	145.80	202.59	14.630	129.40

#1	-.00005	.00002	.00873	.00041	.00018	-.00044	.00011
#2	-.00010	-.00000	.01233	.00032	-.00008	-.00054	-.00108
#3	-.00010	.00001	.00527	-.00013	.00009	-.00059	-.00042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00029	-.00018	.00026	-.03406	.00007	-.00038
Stddev	.00004	.01711	.00011	.00010	.00357	.00015	.00005
%RSD	75.288	5973.9	62.184	37.561	10.492	222.24	12.406

#1	-.00001	.01734	-.00022	.00018	-.03056	-.00003	-.00041
#2	-.00007	-.01688	-.00027	.00037	-.03770	.00024	-.00040
#3	-.00009	.00039	-.00005	.00024	-.03392	-.00001	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03020	-.00004	.01047	-.00563	.00026	-.00135	.00020
Stddev	.02188	.00012	.01221	.00348	.00295	.00017	.00167
%RSD	72.433	305.74	116.66	61.758	1116.6	12.249	855.51

#1	.05467	.00009	-.00234	-.00410	.00160	-.00148	.00099
#2	.01254	-.00006	.01176	-.00961	.00230	-.00116	-.00173
#3	.02339	-.00015	.02198	-.00318	-.00311	-.00141	.00132

Sample Name: CCB01 Acquired: 5/29/2019 13:03:10 Type: Unk
 Method: P4-ICP2(v3155) 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	.00086	-.0015	.00003	F 1.7647	F<.00000
Stddev	.00137	.0016	.00004	.0640	.19247
%RSD	158.37	104.9	132.07	3.6264	193.27

#1	-.00005	-.0003	.00003	1.8139	-.25830
#2	.00021	-.0009	.00008	1.6924	-.15497
#3	.00243	-.0033	-.00001	1.7879	.11450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.2	46626.	4061.3	40.592	3878.9
Stddev	9.3	160.	17.7	.218	8.1
%RSD	.25711	.34356	.43491	.53753	.20789

#1	3604.2	46630.	4062.8	40.673	3872.4
#2	3603.5	46464.	4042.9	40.345	3876.3
#3	3619.9	46784.	4078.1	40.759	3887.9

Sample Name: K3026-03DLX10 Acquired: 5/29/2019 13:11:14 Type: Unk
Method: P4-ICP2(v3155) 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	.01248	.00317	.13277	.00645	-.00167	6.2740	.25576	.00246
Stddev	.00046	.00178	.00109	.00127	.00084	.0140	.00100	.00011
%RSD	3.6574	56.028	.81963	19.717	50.525	.22261	.39138	4.4010
#1	.01273	.00522	.13219	.00582	-.00070	6.2885	.25465	.00245
#2	.01196	.00202	.13210	.00791	-.00222	6.2730	.25607	.00236
#3	.01276	.00227	.13403	.00561	-.00209	6.2606	.25658	.00258
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00274	19.253	.78640	.01794	.20020	79.098	.80912	2.3627
Stddev	.00014	.110	.00138	.00019	.00095	.673	.00156	.0143
%RSD	4.9585	.57054	.17502	1.0552	.47683	.85083	.19333	.60403
#1	-.00259	19.130	.78484	.01778	.20123	78.372	.80937	2.3597
#2	-.00278	19.342	.78742	.01790	.20002	79.221	.81054	2.3782
#3	-.00286	19.287	.78695	.01815	.19934	79.701	.80744	2.3501
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04241	-.00076	1.4369	.04350	.76716	.52103	.00132	.03883
Stddev	.00053	.00047	.0125	.00040	.00197	.03709	.00021	.00977
%RSD	1.2467	62.547	.87127	.92927	.25708	7.1177	15.678	25.163
#1	.04181	-.00123	1.4269	.04337	.76943	.47822	.00148	.02772
#2	.04262	-.00076	1.4328	.04396	.76618	.54161	.00140	.04272
#3	.04280	-.00028	1.4509	.04319	.76588	.54327	.00109	.04606
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.385	.81738	.03069	.32230	.00724	.6480	.09521	1.5439
Stddev	.032	.00484	.00042	.00315	.00063	.0019	.00073	.5235
%RSD	.18538	.59154	1.3606	.97734	8.7205	.2909	.77128	33.906
#1	17.347	.82184	.03115	.32336	.00729	.6463	.09570	1.3065
#2	17.401	.81224	.03034	.31875	.00785	.6500	.09556	2.1440
#3	17.405	.81806	.03058	.32478	.00659	.6478	.09437	1.1812

Sample Name: K3026-03DLX10 Acquired: 5/29/2019 13:11:14 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	33.967
Stddev	.798
%RSD	2.3488

#1	33.655
#2	34.874
#3	33.373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.3	46587.	4160.0	41.733	3709.1
Stddev	2.2	131.	13.5	.769	3.1
%RSD	.06146	.28058	.32490	1.8438	.08410

#1	3589.0	46436.	4144.6	42.239	3706.0
#2	3591.7	46668.	4169.8	42.114	3709.2
#3	3593.3	46657.	4165.6	40.848	3712.2

Sample Name: K3026-04 Acquired: 5/29/2019 13:15:42 Type: Unk
Method: P4-ICP2(v3155) 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	.00108	-.00009	-.00434	.00221	.00013	.00394	1.4284	.00059
Stddev	.00188	.00132	.00082	.00179	.00014	.00738	.0038	.00010
%RSD	174.24	1393.1	18.834	80.869	114.54	187.46	.26445	17.662

#1	.00167	.00018	-.00410	.00046	-.00001	.01033	1.4327	.00066
#2	.00260	.00107	-.00525	.00404	.00011	.00561	1.4256	.00064
#3	-.00103	-.00153	-.00367	.00214	.00028	-.00414	1.4270	.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	31.550	-.00073	.00036	.00260	28.651	.55520	1.0778
Stddev	.00004	.041	.00022	.00005	.00047	.090	.00196	.0532
%RSD	2.6129	.12857	29.681	14.989	18.206	.31470	.35370	4.9363

#1	-.00150	31.509	-.00053	.00032	.00234	28.703	.55570	1.1251
#2	-.00143	31.552	-.00070	.00033	.00231	28.703	.55687	1.0202
#3	-.00148	31.590	-.00096	.00042	.00314	28.547	.55304	1.0883

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	-.00021	145.34	-.00076	.01707	.28605	-.00057	.01534
Stddev	.00018	.00041	.66	.00022	.00007	.02041	.00006	.01009
%RSD	9.4347	199.15	.45388	29.674	.43890	7.1353	10.145	65.773

#1	-.00180	.00027	145.95	-.00061	.01708	.30948	-.00061	.02421
#2	-.00211	-.00044	144.64	-.00101	.01714	.27659	-.00059	.00437
#3	-.00181	-.00044	145.43	-.00064	.01699	.27210	-.00051	.01743

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54260	.64052	-.00048	-.00050	.00365	.0213	.13753	4.0077
Stddev	.00226	.00502	.00059	.00139	.00138	.0015	.00042	.3248
%RSD	.41675	.78333	121.09	275.99	37.820	7.056	.30468	8.1048

#1	.54512	.64471	-.00079	.00011	.00500	.0221	.13722	3.8711
#2	.54196	.64188	-.00086	.00047	.00371	.0223	.13801	4.3786
#3	.54073	.63496	.00019	-.00209	.00224	.0196	.13736	3.7735

Sample Name: K3026-04 Acquired: 5/29/2019 13:15:42 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.189
Stddev .456
%RSD 3.7369

#1 12.001
#2 12.709
#3 11.858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.3	44623.	4054.4	41.094	3519.8
Stddev	11.2	215.	7.2	2.291	10.0
%RSD	.31923	.48083	.17776	5.5752	.28504

#1	3484.7	44390.	4057.7	43.266	3513.0
#2	3506.9	44811.	4046.1	38.700	3531.3
#3	3494.2	44669.	4059.4	41.317	3515.0

Sample Name: PB120129BL Acquired: 5/29/2019 13:20:09 Type: Unk
Method: P4-ICP2(v3155) 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	-.00333	.00040	-.00136	-.00090	-.00013	-.00897	.00100
Stddev	.00132	.00055	.00070	.00083	.00087	.00209	.00029
%RSD	39.559	135.41	51.417	92.560	676.93	23.276	28.911

#1	-.00484	.00103	-.00096	-.00185	-.00096	-.01069	.00114
#2	-.00267	.00007	-.00216	-.00038	.00077	-.00665	.00119
#3	-.00247	.00011	-.00094	-.00046	-.00019	-.00958	.00067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00000	-.00249	.00013	.00002	-.00052	.00015
Stddev	.00007	.00006	.01790	.00018	.00009	.00039	.00038
%RSD	137.02	3556.4	718.73	137.07	492.89	75.748	260.31

#1	-.00009	.00006	-.01854	.00004	-.00001	-.00090	.00058
#2	.00003	-.00004	-.00573	.00002	.00012	-.00011	-.00015
#3	-.00010	-.00002	.01680	.00034	-.00005	-.00055	.00001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01616	.00010	-.00003	-.00156	.00017	-.00049
Stddev	.00003	.04109	.00004	.00019	.00279	.00015	.00002
%RSD	75.553	254.32	45.085	669.94	178.15	87.527	3.1646

#1	-.00001	-.04585	.00011	-.00024	-.00097	.00013	-.00048
#2	-.00005	-.03335	.00005	.00014	.00088	.00033	-.00051
#3	-.00006	.03074	.00013	.00000	-.00460	.00004	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01508	-.00001	-.00056	-.00485	-.00198	-.00146	.00105
Stddev	.03626	.00028	.00151	.00248	.00194	.00027	.00169
%RSD	240.48	2342.3	271.66	51.271	97.695	18.662	160.85

#1	.04110	.00026	-.00063	-.00349	-.00402	-.00158	.00066
#2	.03048	-.00030	.00099	-.00771	-.00016	-.00115	-.00041
#3	-.02634	.00001	-.00203	-.00333	-.00176	-.00166	.00291

Sample Name: PB120129BL Acquired: 5/29/2019 13:20:09 Type: Unk
 Method: P4-ICP2(v3155) 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	-.00013	-.0010	-.00006	F 2.5270	F<.00000
Stddev	.00022	.0008	.00005	.2119	.27989
%RSD	160.66	80.40	89.634	8.3861	468.14
#1	.00011	-.0001	-.00009	2.6350	.01654
#2	-.00028	-.0016	.00000	2.6632	.17402
#3	-.00024	-.0013	-.00008	2.2829	-.36992
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.3	47134.	4102.9	41.503	3917.4
Stddev	9.8	105.	3.9	1.579	10.1
%RSD	.26796	.22322	.09593	3.8047	.25782
#1	3644.8	47049.	4099.4	43.323	3914.8
#2	3660.5	47252.	4102.1	40.493	3928.6
#3	3642.6	47102.	4107.2	40.693	3908.9

Sample Name: PB120129BS Acquired: 5/29/2019 13:24:37 Type: Unk
Method: P4-ICP2(v3155) 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	.74697	1.9735	.95985	1.9342	.75489	1.8539	.19825
Stddev	.00343	.0065	.00159	.0032	.00176	.0112	.00169
%RSD	.45880	.33065	.16514	.16770	.23355	.60365	.85185

#1	.74966	1.9808	.95891	1.9360	.75304	1.8430	.19655
#2	.74311	1.9711	.96168	1.9363	.75655	1.8534	.19827
#3	.74812	1.9684	.95895	1.9305	.75507	1.8654	.19993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19343	.18795	1.0266	.40360	.19539	.30968	3.0708
Stddev	.00040	.00075	.0102	.00136	.00059	.00056	.0032
%RSD	.20720	.40060	.99372	.33724	.30300	.18038	.10470

#1	.19347	.18861	1.0344	.40516	.19607	.30948	3.0741
#2	.19301	.18713	1.0151	.40262	.19512	.30925	3.0706
#3	.19381	.18812	1.0305	.40302	.19499	.31031	3.0677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20844	1.9059	.48482	.07140	2.9660	.30021	.18873
Stddev	.00023	.0563	.00097	.00023	.0177	.00038	.00011
%RSD	.11183	2.9518	.20013	.32480	.59803	.12631	.05647

#1	.20819	1.8925	.48432	.07114	2.9500	.30062	.18885
#2	.20849	1.8575	.48421	.07159	2.9629	.30015	.18867
#3	.20865	1.9676	.48594	.07147	2.9851	.29986	.18867

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5113	.39590	.28948	F -.00604	.87552	.66583	.19935
Stddev	.0545	.00062	.00596	.00374	.00715	.00196	.00099
%RSD	.57287	.15551	2.0586	61.866	.81657	.29425	.49643

#1	9.4508	.39641	.28842	-.00304	.88367	.66521	.20049
#2	9.5565	.39522	.29589	-.01022	.87029	.66802	.19870
#3	9.5266	.39607	.28411	-.00485	.87261	.66425	.19887

Sample Name: PB120129BS Acquired: 5/29/2019 13:24:37 Type: Unk
Method: P4-ICP2(v3155) 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	.19956	F 5.435	.19713	F 3.1125	F<.00000
Stddev	.00276	.003	.00110	.2699	.36103
%RSD	1.3841	.0459	.55918	8.6709	62.260

#1	.20275	5.434	.19820	2.8142	-.99670
#2	.19788	5.433	.19600	3.3397	-.37723
#3	.19804	5.437	.19719	3.1836	-.36569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.6	47041.	4110.5	41.664	3836.7
Stddev	12.2	131.	50.8	1.863	9.7
%RSD	.33660	.27850	1.2371	4.4710	.25322

#1	3646.5	46893.	4051.9	39.543	3847.2
#2	3627.9	47142.	4136.8	43.036	3835.0
#3	3623.4	47089.	4142.9	42.411	3828.0

Sample Name: K3050-01 Acquired: 5/29/2019 13:28:43 Type: Unk
Method: P4-ICP2(v3155) 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	-.00323	.00060	-.00177	.00273	-.00104	.00356	.01176	-.00003
Stddev	.00260	.00124	.00038	.00129	.00120	.01745	.00018	.00004
%RSD	80.467	205.19	21.174	47.102	114.54	489.97	1.5431	121.00

#1	-.00406	.00149	-.00134	.00167	-.00201	.02310	.01162	-.00007
#2	-.00032	-.00081	-.00202	.00416	-.00141	-.01046	.01196	-.00001
#3	-.00533	.00114	-.00196	.00237	.00029	-.00196	.01169	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	19.204	.00028	-.00000	.00099	.04114	.00296	3.9194
Stddev	.00003	.092	.00025	.00004	.00027	.00049	.00003	.0197
%RSD	77.059	.47694	92.019	11454.	27.482	1.1941	.92304	.50144

#1	.00007	19.267	.00041	-.00004	.00069	.04063	.00296	3.9126
#2	.00005	19.246	.00043	.00001	.00122	.04118	.00293	3.9415
#3	.00001	19.099	-.00002	.00003	.00105	.04161	.00298	3.9040

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00004	17.211	.00039	.00082	.90223	.00008	.01301
Stddev	.00032	.00004	.030	.00013	.00003	.03079	.00028	.01360
%RSD	93.355	102.61	.17193	32.049	3.8040	3.4131	354.17	104.52

#1	.00054	.00004	17.192	.00052	.00080	.86900	.00019	-.00261
#2	-.00003	.00000	17.197	.00038	.00080	.90790	.00028	.01947
#3	.00051	.00009	17.245	.00027	.00085	.92980	-.00024	.02217

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4645	1.9321	-.00297	.00123	-.00056	.0178	.08819	3.2203
Stddev	.0127	.0113	.00016	.00013	.00052	.0011	.00012	.2473
%RSD	.51430	.58270	5.2871	10.236	92.763	6.336	.13214	7.6791

#1	2.4505	1.9374	-.00296	.00109	-.00053	.0165	.08818	3.2094
#2	2.4751	1.9192	-.00283	.00128	-.00110	.0185	.08808	3.4728
#3	2.4680	1.9398	-.00314	.00133	-.00006	.0185	.08831	2.9786

Sample Name: K3050-01 Acquired: 5/29/2019 13:28:43 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .78043
Stddev .19465
%RSD 24.941

#1 .94967
#2 .56772
#3 .82390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.3	47222.	4140.6	42.036	3889.7
Stddev	7.4	189.	26.5	.344	15.0
%RSD	.20292	.40005	.64003	.81896	.38601

#1	3642.7	47165.	4127.7	41.924	3903.3
#2	3628.0	47432.	4171.1	42.423	3873.6
#3	3635.3	47067.	4123.1	41.763	3892.1

Sample Name: K3050-02 Acquired: 5/29/2019 13:33:08 Type: Unk
Method: P4-ICP2(v3155) 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	-.00107	.00046	-.00145	-.00002	-.00085	.00760	.01190	-.00004
Stddev	.00084	.00106	.00061	.00158	.00094	.00325	.00022	.00011
%RSD	79.193	231.81	42.175	7707.6	111.20	42.772	1.8345	296.67

#1	-.00092	-.00065	-.00092	.00033	.00014	.00390	.01213	.00001
#2	-.00198	.00056	-.00130	.00136	-.00095	.00891	.01187	-.00016
#3	-.00031	.00147	-.00212	-.00175	-.00173	.00999	.01170	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	19.153	.00001	-.00002	.00067	.04105	.00234	3.9916
Stddev	.00002	.101	.00015	.00012	.00018	.00109	.00003	.0804
%RSD	42.295	.52596	1907.1	618.13	27.085	2.6607	1.2466	2.0138

#1	-.00006	19.257	-.00008	.00012	.00087	.04227	.00237	4.0632
#2	-.00007	19.056	-.00009	-.00008	.00053	.04017	.00234	4.0069
#3	-.00003	19.145	.00019	-.00010	.00059	.04071	.00231	3.9047

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00013	17.587	.00048	-.00021	.92570	.00003	.01125
Stddev	.00027	.00020	.043	.00008	.00005	.02384	.00013	.01135
%RSD	50.324	154.27	.24534	16.402	23.616	2.5755	395.66	100.92

#1	.00023	.00020	17.620	.00049	-.00026	.93491	.00018	.02435
#2	.00065	.00029	17.539	.00039	-.00017	.89862	.00001	.00445
#3	.00073	-.00010	17.603	.00055	-.00019	.94356	-.00009	.00494

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4614	1.8854	-.00254	.00083	-.00119	.0184	.08815	3.7481
Stddev	.0106	.0061	.00104	.00124	.00047	.0015	.00040	.0863
%RSD	.43035	.32583	41.008	150.66	39.752	8.174	.45187	2.3023

#1	2.4703	1.8925	-.00155	.00184	-.00106	.0185	.08858	3.8070
#2	2.4496	1.8820	-.00362	.00120	-.00080	.0198	.08806	3.6491
#3	2.4642	1.8817	-.00244	-.00056	-.00172	.0168	.08780	3.7883

Sample Name: K3050-02 Acquired: 5/29/2019 13:33:08 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .56125
 Stddev .27750
 %RSD 49.444

#1 .32543
 #2 .86704
 #3 .49127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.4	46685.	4200.0	43.091	3866.1
Stddev	3.9	147.	25.5	.830	7.5
%RSD	.10764	.31448	.60819	1.9260	.19435

#1	3601.3	46709.	4189.0	43.884	3874.1
#2	3594.0	46818.	4229.2	42.229	3859.2
#3	3599.9	46527.	4181.9	43.161	3865.1

Sample Name: K3050-03 Acquired: 5/29/2019 13:37:32 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00074	-.00101	-.00121	-.00117	.00436	.01201	.00003
Stddev	.00169	.00125	.00078	.00183	.00207	.00396	.00029	.00007
%RSD	1751.8	168.53	77.662	150.53	176.64	90.853	2.4256	221.50

#1	-.00161	.00186	-.00024	.00072	-.00196	-.00019	.01206	.00002
#2	.00177	-.00061	-.00099	-.00292	.00118	.00703	.01227	.00011
#3	.00013	.00097	-.00181	-.00144	-.00273	.00625	.01169	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	19.119	-.00003	.00014	.00064	.04136	.00234	3.9793
Stddev	.00004	.039	.00018	.00001	.00025	.00046	.00003	.0475
%RSD	67.179	.20548	553.92	7.9293	39.397	1.1243	1.1125	1.1928

#1	-.00012	19.074	-.00025	.00014	.00092	.04164	.00231	4.0283
#2	-.00003	19.135	.00005	.00013	.00044	.04161	.00235	3.9760
#3	-.00005	19.148	.00009	.00016	.00055	.04082	.00236	3.9336

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00007	17.455	.00047	-.00025	.91513	.00004	.01046
Stddev	.00012	.00010	.061	.00021	.00007	.00958	.00020	.00410
%RSD	52.582	149.55	.35080	45.164	26.737	1.0471	552.61	39.207

#1	.00027	.00005	17.439	.00067	-.00027	.90684	.00026	.00658
#2	.00033	-.00014	17.522	.00025	-.00018	.91293	-.00008	.01475
#3	.00009	-.00010	17.403	.00050	-.00031	.92562	-.00008	.01005

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4470	1.9036	-.00283	.00036	-.00122	.0197	.08834	2.5770
Stddev	.0037	.0102	.00019	.00043	.00045	.0011	.00009	.1651
%RSD	.15180	.53655	6.5995	118.71	37.004	5.509	.09683	6.4074

#1	2.4433	1.8918	-.00304	.00070	-.00155	.0184	.08844	2.4856
#2	2.4507	1.9097	-.00270	.00050	-.00140	.0200	.08828	2.4778
#3	2.4470	1.9093	-.00275	-.00012	-.00070	.0205	.08830	2.7676

Sample Name: K3050-03 Acquired: 5/29/2019 13:37:32 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .58749
 Stddev .42735
 %RSD 72.741

#1 .11248
 #2 .94074
 #3 .70926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.6	46539.	4159.0	42.558	3871.7
Stddev	9.8	103.	18.4	.580	9.2
%RSD	.27320	.22208	.44156	1.3626	.23862

#1	3609.4	46609.	4180.2	42.006	3881.7
#2	3599.8	46420.	4147.8	43.162	3869.8
#3	3589.7	46588.	4149.1	42.506	3863.5

Sample Name: K3050-04 Acquired: 5/29/2019 13:41:57 Type: Unk
Method: P4-ICP2(v3155) 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	.00054	-.00036	-.00171	-.00016	-.00136	.01057	.01200	-.00004
Stddev	.00138	.00038	.00080	.00272	.00094	.00505	.00065	.00002
%RSD	255.34	103.37	46.747	1746.2	69.321	47.823	5.4116	58.794

#1	.00087	-.00038	-.00080	-.00313	-.00095	.00485	.01239	-.00006
#2	-.00098	-.00073	-.00230	.00222	-.00069	.01242	.01236	-.00002
#3	.00173	.00002	-.00202	.00044	-.00243	.01444	.01125	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	19.232	.00015	.00016	.00092	.04076	.00207	4.0550
Stddev	.00005	.048	.00020	.00017	.00008	.00022	.00002	.0817
%RSD	560.43	.24888	140.29	111.85	8.4778	.52833	1.1314	2.0156

#1	-.00003	19.242	.00038	-.00003	.00091	.04084	.00204	4.1374
#2	-.00004	19.180	.00002	.00031	.00084	.04093	.00209	4.0535
#3	.00005	19.274	.00004	.00019	.00100	.04052	.00208	3.9740

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00017	17.613	.00051	-.00021	.93050	.00007	.02529
Stddev	.00009	.00014	.174	.00033	.00003	.01544	.00027	.00332
%RSD	31.960	84.407	.98988	64.914	12.120	1.6591	382.31	13.116

#1	.00023	-.00014	17.696	.00024	-.00021	.94116	-.00022	.02825
#2	.00038	-.00032	17.730	.00088	-.00024	.93755	.00012	.02591
#3	.00023	-.00004	17.413	.00042	-.00019	.91280	.00031	.02170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4423	1.8972	-.00311	-.00064	-.00259	.0188	.08851	2.0450
Stddev	.0085	.0086	.00055	.00105	.00083	.0028	.00003	.1635
%RSD	.34623	.45216	17.743	162.39	32.107	15.01	.03488	7.9949

#1	2.4361	1.8964	-.00282	.00009	-.00194	.0167	.08852	2.0613
#2	2.4519	1.8890	-.00375	-.00184	-.00353	.0220	.08848	1.8739
#3	2.4388	1.9061	-.00277	-.00018	-.00230	.0177	.08854	2.1997

Sample Name: K3050-04 Acquired: 5/29/2019 13:41:57 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .49210
 Stddev .39069
 %RSD 79.392

#1 .65956
 #2 .04560
 #3 .77116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.8	46204.	4138.1	41.892	3862.5
Stddev	2.6	193.	14.0	.658	5.3
%RSD	.07358	.41837	.33795	1.5709	.13609

#1	3584.5	46267.	4133.8	41.158	3863.5
#2	3582.4	45988.	4153.7	42.089	3856.8
#3	3587.6	46358.	4126.7	42.429	3867.1

Sample Name: K3050-05 Acquired: 5/29/2019 13:46:21 Type: Unk
Method: P4-ICP2(v3155) 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	.00009	.00005	-.00154	.00048	-.00077	.00296	.01217	-.00004
Stddev	.00159	.00091	.00062	.00324	.00151	.00280	.00062	.00004
%RSD	1757.9	1780.1	40.453	681.25	194.76	94.689	5.1210	91.963

#1	-.00157	.00076	-.00212	.00071	-.00228	.00551	.01248	-.00002
#2	.00160	-.00097	-.00162	.00359	.00073	-.00004	.01257	-.00002
#3	.00024	.00037	-.00088	-.00288	-.00077	.00340	.01145	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	19.663	.00015	.00003	.00100	.03834	.00208	4.1032
Stddev	.00000	.434	.00054	.00017	.00022	.00020	.00001	.1528
%RSD	6.7463	2.2056	365.57	561.95	21.747	.53332	.64554	3.7236

#1	-.00004	20.149	.00005	-.00015	.00080	.03813	.00209	4.2764
#2	-.00004	19.523	-.00034	.00018	.00123	.03835	.00207	4.0458
#3	-.00005	19.317	.00072	.00006	.00098	.03854	.00208	3.9874

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00008	17.923	.00033	-.00018	.92873	.00021	.00899
Stddev	.00023	.00015	.219	.00023	.00005	.00318	.00014	.01557
%RSD	184.34	184.28	1.2211	70.327	29.511	.34217	67.455	173.27

#1	-.00005	-.00005	18.176	.00036	-.00018	.92745	.00029	.01588
#2	.00003	.00005	17.807	.00008	-.00024	.92639	.00029	-.00884
#3	.00038	-.00024	17.788	.00053	-.00013	.93235	.00005	.01993

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4665	1.9121	-.00291	-.00133	-.00209	.0188	.08997	2.3942
Stddev	.0071	.0060	.00057	.00101	.00234	.0011	.00193	.1560
%RSD	.28619	.31601	19.705	75.390	112.30	5.584	2.1402	6.5159

#1	2.4658	1.9105	-.00308	-.00053	-.00051	.0177	.09218	2.5740
#2	2.4738	1.9188	-.00337	-.00101	-.00097	.0198	.08911	2.3123
#3	2.4597	1.9070	-.00227	-.00246	-.00478	.0189	.08862	2.2962

Sample Name: K3050-05 Acquired: 5/29/2019 13:46:21 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .48147
Stddev .58478
%RSD 121.46

#1 .60104
#2 -.15385
#3 .99722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3578.9	46271.	4112.6	42.603	3857.0
Stddev	4.4	140.	10.1	.382	2.6
%RSD	.12298	.30307	.24481	.89662	.06620

#1	3576.2	46332.	4101.1	42.772	3855.3
#2	3584.0	46370.	4116.9	42.873	3860.0
#3	3576.5	46110.	4119.9	42.166	3855.8

Sample Name: K3050-06 Acquired: 5/29/2019 13:50:46 Type: Unk
Method: P4-ICP2(v3155) 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	-.00230	-.00062	-.00114	.00094	-.00163	.00200	.01137	.00000
Stddev	.00287	.00105	.00032	.00392	.00090	.00588	.00050	.00008
%RSD	124.91	171.06	28.144	418.01	55.132	294.21	4.4124	2569.4

#1	.00047	-.00179	-.00101	-.00332	-.00080	-.00479	.01182	-.00002
#2	-.00527	-.00030	-.00091	.00174	-.00258	.00551	.01083	-.00006
#3	-.00211	.00024	-.00151	.00440	-.00150	.00529	.01147	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	19.269	.00026	.00010	.00081	.03970	.00164	4.0716
Stddev	.00004	.063	.00038	.00007	.00018	.00053	.00001	.0358
%RSD	99.295	.32615	147.40	71.699	21.647	1.3400	.85385	.87846

#1	-.00008	19.333	.00055	.00003	.00102	.03919	.00162	4.1040
#2	-.00005	19.268	.00041	.00010	.00071	.04025	.00165	4.0332
#3	.00000	19.207	-.00017	.00016	.00071	.03965	.00164	4.0775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00002	17.816	.00017	-.00016	.97215	-.00011	.01474
Stddev	.00019	.00020	.052	.00027	.00003	.01004	.00021	.00107
%RSD	48.085	1014.5	.29409	156.36	21.613	1.0331	198.38	7.2749

#1	.00018	.00025	17.830	.00015	-.00019	.96339	-.00030	.01375
#2	.00049	-.00005	17.860	.00045	-.00016	.96994	.00012	.01458
#3	.00051	-.00014	17.758	-.00009	-.00012	.98311	-.00014	.01588

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4542	1.8632	-.00296	.00115	-.00174	.0177	.08802	2.5742
Stddev	.0024	.0061	.00095	.00276	.00077	.0011	.00004	.2097
%RSD	.09643	.32966	32.142	240.98	44.209	6.380	.05029	8.1476

#1	2.4523	1.8649	-.00303	-.00188	-.00175	.0164	.08804	2.3405
#2	2.4535	1.8563	-.00198	.00179	-.00250	.0182	.08805	2.7461
#3	2.4569	1.8682	-.00388	.00353	-.00097	.0185	.08797	2.6360

Sample Name: K3050-06 Acquired: 5/29/2019 13:50:46 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .10354
 Stddev .34271
 %RSD 330.98

#1 -.15889
 #2 .49127
 #3 -.02175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3588.2	46307.	4118.5	42.024	3860.6
Stddev	6.8	44.	8.0	.409	5.9
%RSD	.18913	.09466	.19414	.97380	.15191

#1	3590.0	46262.	4112.7	42.460	3861.6
#2	3580.7	46309.	4127.7	41.964	3854.2
#3	3593.9	46349.	4115.3	41.649	3865.8

Sample Name: CCV02 Acquired: 5/29/2019 13:55:12 Type: Unk
Method: P4-ICP2(v3155) 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	4.9727	4.9992	4.9333	5.0066	4.9506	9.6863	9.9018	.24968
Stddev	.0081	.0064	.0064	.0111	.0017	.0760	.0894	.00129
%RSD	.16257	.12794	.12924	.22167	.03518	.78467	.90261	.51735
#1	4.9815	4.9921	4.9259	5.0148	4.9512	9.7630	9.8690	.25093
#2	4.9656	5.0045	4.9369	5.0109	4.9519	9.6110	9.8335	.24977
#3	4.9710	5.0009	4.9370	4.9940	4.9486	9.6849	10.003	.24835
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4527	24.944	.99672	2.4699	1.2470	5.0073	2.5528	24.737
Stddev	.0018	.156	.00376	.0051	.0000	.0075	.0046	.208
%RSD	.07214	.62581	.37727	.20811	.00310	.14980	.17967	.83914
#1	2.4506	24.764	1.0009	2.4640	1.2470	5.0147	2.5552	24.926
#2	2.4538	25.027	.99355	2.4721	1.2471	5.0077	2.5556	24.515
#3	2.4535	25.042	.99574	2.4735	1.2470	4.9997	2.5475	24.770
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4583	1.2431	24.707	2.5013	2.4753	24.087	4.9874	4.8182
Stddev	.0029	.0005	.166	.0077	.0040	.187	.0063	.0648
%RSD	.12017	.03889	.67125	.30815	.16042	.77476	.12735	1.3446
#1	2.4550	1.2436	24.852	2.4996	2.4707	24.235	4.9944	4.8857
#2	2.4605	1.2430	24.526	2.5098	2.4777	23.878	4.9857	4.7566
#3	2.4596	1.2427	24.742	2.4947	2.4775	24.149	4.9821	4.8123
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9592	4.8492	4.9334	4.9655	4.8213	5.032	4.9928	4.8439
Stddev	.0104	.0509	.0099	.0213	.0380	.001	.0369	.4122
%RSD	.20878	1.0504	.20089	.42948	.78731	.0240	.73871	8.5096
#1	4.9541	4.7904	4.9226	4.9412	4.7820	5.031	4.9520	4.4986
#2	4.9711	4.8793	4.9419	4.9740	4.8242	5.033	5.0026	5.3003
#3	4.9524	4.8779	4.9359	4.9812	4.8577	5.031	5.0238	4.7329

Sample Name: CCV02 Acquired: 5/29/2019 13:55:12 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1978
Stddev .2948
%RSD 9.2193

#1 3.1879
#2 3.4974
#3 2.9080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.4	44966.	4069.3	40.137	3464.7
Stddev	2.9	316.	22.5	1.178	5.0
%RSD	.08219	.70361	.55380	2.9337	.14324

#1	3469.7	44638.	4095.3	38.881	3469.4
#2	3468.0	45269.	4055.8	41.216	3459.5
#3	3473.6	44993.	4056.8	40.314	3465.1

Sample Name: CCB02 Acquired: 5/29/2019 13:59:19 Type: Unk
Method: P4-ICP2(v3155) 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	.00071	-.00055	.00277	.00086	.00132	.00065
Stddev	.00184	.00037	.00055	.00323	.00096	.01195	.00032
%RSD	173.83	51.947	99.159	116.41	111.53	902.89	48.158

#1	-.00303	.00112	-.00106	.00605	-.00024	-.01049	.00084
#2	-.00075	.00043	.00003	.00268	.00128	.01340	.00083
#3	.00061	.00057	-.00062	-.00041	.00155	.00105	.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00001	-.00237	.00007	.00007	-.00067	-.00019
Stddev	.00003	.00006	.01106	.00035	.00021	.00031	.00026
%RSD	108.96	718.19	466.27	537.37	319.16	45.764	133.62

#1	-.00004	.00004	.00881	-.00030	.00026	-.00069	-.00041
#2	.00001	.00004	-.01331	.00009	.00009	-.00097	.00009
#3	-.00005	-.00006	-.00262	.00040	-.00016	-.00036	-.00025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02068	.00007	.00001	-.01601	.00029	-.00032
Stddev	.00005	.05604	.00018	.00032	.00897	.00040	.00005
%RSD	160.80	270.97	243.26	2615.2	56.047	138.96	15.701

#1	.00001	.04396	.00026	.00026	-.01864	-.00007	-.00036
#2	-.00008	-.05564	.00004	.00013	-.02338	.00021	-.00033
#3	-.00001	-.05036	-.00009	-.00035	-.00602	.00072	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02345	.00042	.01248	-.00494	.00128	-.00041	.00039
Stddev	.03876	.00022	.01063	.00067	.00104	.00025	.00189
%RSD	165.31	52.808	85.185	13.541	81.592	61.693	479.51

#1	-.01989	.00063	.00062	-.00563	.00248	-.00034	.00190
#2	.05482	.00044	.01565	-.00490	.00070	-.00020	.00101
#3	.03541	.00019	.02115	-.00429	.00065	-.00069	-.00173

Sample Name: CCB02 Acquired: 5/29/2019 13:59:19 Type: Unk
 Method: P4-ICP2(v3155) 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	.00052	-.0005	.00015	F 2.4508	F<.00000
Stddev	.00034	.0008	.00001	.1531	.24131
%RSD	66.295	154.0	9.5667	6.2457	269.65

#1	.00072	-.0007	.00017	2.3710	.03001
#2	.00070	-.0013	.00014	2.6273	.06875
#3	.00012	.0003	.00015	2.3541	-.36723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.3	46894.	4090.6	41.064	3896.5
Stddev	12.7	67.	8.8	1.094	7.3
%RSD	.34955	.14266	.21394	2.6634	.18611

#1	3616.3	46825.	4085.6	39.802	3889.0
#2	3629.8	46958.	4100.7	41.657	3897.0
#3	3641.7	46898.	4085.4	41.734	3903.5

Sample Name: K3050-01DUP Acquired: 5/29/2019 14:19:30 Type: Unk
Method: P4-ICP2(v3155) 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	-.00164	-.00030	-.00057	.00051	-.00176	.01596	.01130	-.00007
Stddev	.00058	.00135	.00027	.00112	.00097	.00734	.00052	.00001
%RSD	35.625	446.89	47.060	220.42	55.194	46.011	4.6167	11.600

#1	-.00227	.00088	-.00048	-.00026	-.00074	.01616	.01085	-.00007
#2	-.00111	-.00002	-.00087	.00179	-.00188	.02319	.01119	-.00008
#3	-.00154	-.00178	-.00036	-.00001	-.00267	.00851	.01187	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	19.191	.00023	.00003	.00085	.04100	.00292	4.0005
Stddev	.00008	.030	.00028	.00018	.00035	.00056	.00004	.0305
%RSD	287.47	.15893	119.07	716.38	40.804	1.3578	1.4299	.76334

#1	.00006	19.226	.00055	.00017	.00058	.04094	.00296	3.9895
#2	-.00009	19.173	.00006	.00008	.00074	.04158	.00288	3.9771
#3	-.00006	19.173	.00009	-.00018	.00124	.04048	.00294	4.0351

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00003	17.430	.00037	.00081	.93301	-.00010	.01665
Stddev	.00008	.00020	.076	.00040	.00005	.03671	.00006	.00655
%RSD	26.947	692.08	.43444	108.87	6.2649	3.9348	58.716	39.352

#1	.00037	.00011	17.495	-.00005	.00075	.97302	-.00003	.01927
#2	.00021	-.00026	17.347	.00075	.00085	.92514	-.00014	.00919
#3	.00034	.00006	17.450	.00040	.00082	.90087	-.00013	.02148

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4539	1.9298	-.00304	-.00033	-.00138	.0182	.08842	2.0700
Stddev	.0090	.0187	.00026	.00145	.00134	.0004	.00003	.1497
%RSD	.36609	.97158	8.7075	439.53	97.106	2.166	.03332	7.2342

#1	2.4634	1.9273	-.00324	-.00198	-.00227	.0181	.08845	2.0193
#2	2.4455	1.9496	-.00274	.00022	-.00205	.0178	.08840	2.2386
#3	2.4530	1.9123	-.00315	.00077	.00016	.0186	.08840	1.9523

Sample Name: K3050-01DUP Acquired: 5/29/2019 14:19:30 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .28577
Stddev .35061
%RSD 122.69

#1 .67791
#2 .17684
#3 .00255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.9	46086.	4107.9	42.687	3852.8
Stddev	16.0	212.	8.0	.834	17.5
%RSD	.44640	.45973	.19589	1.9527	.45407

#1	3574.0	46088.	4099.3	43.215	3836.9
#2	3575.3	46298.	4115.3	41.726	3849.9
#3	3602.4	45874.	4109.0	43.119	3871.5

Sample Name: K3050-01LX5 Acquired: 5/29/2019 14:23:56 Type: Unk
Method: P4-ICP2(v3155) 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	-.00119	.00027	-.00192	.00037	-.00084	-.00284	.00244	-.00008
Stddev	.00042	.00114	.00023	.00197	.00052	.00444	.00027	.00004
%RSD	35.290	413.28	11.864	531.87	61.884	156.27	11.221	51.206

#1	-.00072	.00049	-.00168	-.00170	-.00032	-.00267	.00274	-.00005
#2	-.00154	-.00095	-.00198	.00059	-.00136	.00151	.00238	-.00007
#3	-.00132	.00129	-.00212	.00222	-.00084	-.00736	.00221	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	3.8705	.00010	.00008	-.00055	.00881	.00052	.73614
Stddev	.00009	.0043	.00028	.00008	.00019	.00052	.00002	.03924
%RSD	1774.0	.11020	266.18	102.90	34.569	5.9488	4.2033	5.3303

#1	.00003	3.8656	-.00022	.00007	-.00062	.00921	.00052	.77311
#2	-.00010	3.8720	.00028	.00017	-.00069	.00902	.00051	.74034
#3	.00006	3.8737	.00025	.00001	-.00033	.00822	.00055	.69497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00020	3.4684	.00010	-.00011	.21122	-.00019	.00763
Stddev	.00012	.00008	.0186	.00019	.00006	.02947	.00010	.00554
%RSD	182.83	41.994	.53738	202.24	58.299	13.954	53.591	72.513

#1	-.00007	.00022	3.4820	-.00013	-.00008	.20679	-.00009	.00271
#2	.00015	.00027	3.4471	.00024	-.00006	.24266	-.00029	.01363
#3	.00012	.00011	3.4760	.00018	-.00017	.18422	-.00020	.00657

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48532	.38848	-.00245	-.00020	-.00191	.0025	.01802	2.4962
Stddev	.00102	.00179	.00038	.00124	.00164	.0016	.00006	.0394
%RSD	.21103	.45962	15.506	604.40	85.642	63.12	.33722	1.5799

#1	.48414	.38648	-.00285	-.00155	-.00277	.0025	.01806	2.4832
#2	.48598	.38902	-.00240	.00003	-.00002	.0040	.01805	2.4650
#3	.48585	.38993	-.00209	.00090	-.00295	.0009	.01795	2.5406

Sample Name: K3050-01LX5 Acquired: 5/29/2019 14:23:56 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.15551
Stddev	.29001
%RSD	186.49

#1	.20209
#2	-.15497
#3	.41941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.1	46371.	4076.8	41.397	3878.4
Stddev	12.4	77.	12.4	1.360	3.2
%RSD	.34315	.16662	.30359	3.2863	.08131

#1	3599.2	46282.	4085.5	42.870	3876.8
#2	3598.7	46420.	4062.6	40.189	3876.3
#3	3620.4	46412.	4082.2	41.132	3882.0

Sample Name: K3050-01MS Acquired: 5/29/2019 14:28:26 Type: Unk
Method: P4-ICP2(v3155) 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	.84247	2.1089	1.0324	2.2536	.82248	2.0923	.22874	.22199
Stddev	.00186	.0050	.0013	.0073	.00481	.0164	.00086	.00053
%RSD	.22082	.23546	.12618	.32487	.58536	.78377	.37519	.23962
#1	.84034	2.1144	1.0310	2.2453	.81765	2.1072	.22973	.22138
#2	.84329	2.1048	1.0336	2.2561	.82252	2.0950	.22815	.22224
#3	.84378	2.1075	1.0326	2.2593	.82728	2.0748	.22836	.22236
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20508	20.091	.43729	.20715	.33814	3.3447	.22441	6.1091
Stddev	.00009	.083	.00139	.00040	.00032	.0037	.00034	.0400
%RSD	.04230	.41154	.31894	.19093	.09537	.11015	.15014	.65529
#1	.20513	20.186	.43581	.20712	.33778	3.3489	.22403	6.1049
#2	.20498	20.049	.43858	.20677	.33822	3.3432	.22454	6.1511
#3	.20514	20.038	.43747	.20756	.33841	3.3420	.22467	6.0714
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52015	.07820	20.501	.32675	.21558	11.474	.42599	.33595
Stddev	.00094	.00036	.027	.00064	.00027	.069	.00089	.00805
%RSD	.18158	.45634	.13176	.19588	.12438	.60346	.20846	2.3974
#1	.51913	.07791	20.501	.32732	.21572	11.543	.42506	.33010
#2	.52034	.07808	20.528	.32688	.21575	11.474	.42608	.34513
#3	.52099	.07860	20.474	.32606	.21527	11.404	.42682	.33261
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4580	2.8518	.71900	.21896	.20963	6.208	.29517	2.8617
Stddev	.0109	.0087	.00068	.00214	.00167	.008	.00030	.1643
%RSD	.44418	.30606	.09496	.97674	.79891	.1325	.10309	5.7427
#1	2.4674	2.8596	.71978	.22095	.21148	6.214	.29526	2.6921
#2	2.4607	2.8536	.71858	.21924	.20820	6.212	.29541	2.8728
#3	2.4460	2.8424	.71863	.21670	.20921	6.199	.29483	3.0202

Sample Name: K3050-01MS Acquired: 5/29/2019 14:28:26 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.18288
%RSD	39.842

#1	-.60380
#2	-.51977
#3	-.25350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.5	45826.	4113.2	41.853	3777.2
Stddev	7.1	105.	12.5	.741	5.2
%RSD	.19926	.22998	.30334	1.7698	.13853

#1	3569.4	45796.	4104.3	42.230	3773.1
#2	3575.1	45739.	4107.8	42.329	3783.1
#3	3561.0	45943.	4127.5	40.999	3775.4

Sample Name: K3050-01MSD Acquired: 5/29/2019 14:33:45 Type: Unk
Method: P4-ICP2(v3155) 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	.84254	2.1066	1.0327	2.2483	.83190	2.1152	.22833	.22160
Stddev	.00355	.0027	.0036	.0081	.00406	.0157	.00194	.00108
%RSD	.42169	.12858	.34450	.35874	.48776	.74125	.85149	.48915
#1	.83930	2.1034	1.0366	2.2446	.82735	2.1245	.22723	.22209
#2	.84196	2.1084	1.0296	2.2427	.83318	2.1239	.23057	.22235
#3	.84634	2.1079	1.0319	2.2575	.83515	2.0971	.22718	.22035
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20469	20.016	.43905	.20672	.33927	3.3446	.22351	6.1295
Stddev	.00050	.107	.00098	.00050	.00102	.0068	.00046	.0992
%RSD	.24403	.53559	.22432	.24122	.30000	.20311	.20543	1.6190
#1	.20468	20.076	.43864	.20703	.34017	3.3483	.22374	6.0340
#2	.20519	20.080	.44017	.20615	.33817	3.3489	.22298	6.1223
#3	.20420	19.893	.43834	.20699	.33946	3.3368	.22381	6.2321
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52008	.07849	20.460	.32763	.21642	11.667	.42981	.33802
Stddev	.00025	.00033	.015	.00036	.00025	.054	.00041	.01129
%RSD	.04837	.41843	.07530	.11003	.11735	.46438	.09526	3.3395
#1	.51991	.07861	20.448	.32724	.21651	11.656	.43029	.33642
#2	.51996	.07874	20.455	.32795	.21613	11.726	.42960	.32762
#3	.52037	.07811	20.478	.32769	.21661	11.619	.42956	.35003
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4355	2.8625	.72357	.21647	.21238	6.191	.29680	2.4549
Stddev	.0021	.0197	.00224	.00327	.00242	.009	.00130	.2993
%RSD	.08639	.68884	.30897	1.5095	1.1394	.1436	.43639	12.192
#1	2.4364	2.8835	.72265	.21276	.21459	6.185	.29822	2.3065
#2	2.4331	2.8597	.72195	.21776	.21275	6.188	.29569	2.2588
#3	2.4371	2.8444	.72612	.21890	.20979	6.202	.29649	2.7994

Sample Name: K3050-01MSD Acquired: 5/29/2019 14:33:45 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.55180
%RSD	61.420

#1	-1.5221
#2	-.69921
#3	-.47385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.8	45504.	4065.1	40.168	3772.6
Stddev	10.9	26.	24.1	1.283	9.4
%RSD	.30572	.05733	.59180	3.1947	.24894

#1	3572.1	45486.	4040.4	39.925	3783.4
#2	3556.2	45533.	4088.4	39.024	3766.8
#3	3551.3	45491.	4066.4	41.556	3767.5

Sample Name: K3050-01A Acquired: 5/29/2019 14:37:49 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	-.00089	-.00673	.00111	-.00208	-.05393	-.00210	-.00006
Stddev	.00032	.00020	.00023	.00078	.00006	.00186	.00008	.00004
%RSD	31.602	22.321	3.3851	70.213	3.0228	3.4411	3.6892	55.498

#1	.00137	-.00085	-.00652	.00070	-.00214	-.05589	-.00211	-.00008
#2	.00075	-.00071	-.00698	.00063	-.00202	-.05220	-.00218	-.00002
#3	.00093	-.00110	-.00670	.00201	-.00206	-.05370	-.00202	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00861	.00062	.00033	-.00250	-.00522	-.00022	-.05521
Stddev	.00001	.00363	.00011	.00002	.00006	.00015	.00001	.00806
%RSD	21.920	42.215	17.090	6.3333	2.4170	2.8206	2.3962	14.608

#1	.00005	-.01025	.00051	.00031	-.00257	-.00508	-.00022	-.06424
#2	.00003	-.00444	.00064	.00035	-.00249	-.00520	-.00021	-.05264
#3	.00005	-.01114	.00072	.00032	-.00245	-.00537	-.00022	-.04873

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00079	-.05671	.00020	-.00123	.31262	-.00013	-.01156
Stddev	.00006	.00005	.00161	.00007	.00000	.00807	.00006	.00477
%RSD	.98444	6.5932	2.8350	33.601	.26147	2.5808	44.998	41.320

#1	.00633	.00078	-.05838	.00022	-.00123	.32079	-.00012	-.01193
#2	.00634	.00085	-.05658	.00013	-.00123	.30466	-.00018	-.01613
#3	.00644	.00075	-.05518	.00026	-.00123	.31239	-.00007	-.00660

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01538	-.03041	-.00497	-.00079	-.00847	-.0036	.00007	^ *****
Stddev	.00016	.00103	.00016	.00049	.00061	.0004	.00002	-----
%RSD	1.0129	3.3753	3.3144	62.863	7.2012	10.18	23.829	-----

#1	-.01525	-.03158	-.00479	-.00024	-.00861	-.0032	.00009	^ -----
#2	-.01533	-.03002	-.00503	-.00119	-.00780	-.0035	.00006	^ -----
#3	-.01555	-.02964	-.00510	-.00093	-.00900	-.0039	.00007	^ -----

Sample Name: K3050-01A Acquired: 5/29/2019 14:37:49 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6173
 Stddev .5288
 %RSD 32.699

#1 1.1792
 #2 1.4679
 #3 2.2047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14088.	174780.	10997.	112.23	16252.
Stddev	88.	1116.	59.	.44	84.
%RSD	.62250	.63821	.53384	.39065	.51940

#1	14055.	174730.	10932.	112.01	16201.
#2	14187.	175920.	11014.	111.96	16349.
#3	14021.	173700.	11045.	112.74	16205.

Sample Name: K3037-01DLX10 Acquired: 5/29/2019 14:42:24 Type: Unk
Method: P4-ICP2(v3155) 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	.00021	-.00272	-.00031	.00514	.00056	-.01733	.10510	-.00042
Stddev	.00131	.00094	.00101	.00112	.00158	.00967	.00098	.00008
%RSD	628.33	34.709	327.02	21.728	281.41	55.786	.92807	19.949

#1	-.00130	-.00362	-.00111	.00636	.00227	-.02751	.10479	-.00032
#2	.00089	-.00281	-.00064	.00417	.00025	-.01620	.10620	-.00045
#3	.00103	-.00173	.00082	.00490	-.00084	-.00828	.10432	-.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	38.659	-.00638	.00124	.00127	1.6229	8.7063	13.467
Stddev	.00002	.107	.00055	.00017	.00030	.0053	.0138	.099
%RSD	33.765	.27550	8.6375	13.465	23.320	.32548	.15851	.73813

#1	-.00005	38.541	-.00678	.00120	.00094	1.6251	8.6982	13.356
#2	-.00009	38.685	-.00575	.00109	.00134	1.6268	8.6985	13.495
#3	-.00005	38.749	-.00660	.00142	.00152	1.6169	8.7222	13.549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	.00104	71.641	-.01523	.00373	.84249	.00030	.01518
Stddev	.00010	.00007	.381	.00042	.00011	.04522	.00010	.01505
%RSD	9.0943	6.3238	.53223	2.7817	2.8863	5.3672	33.571	99.156

#1	-.00116	.00096	71.392	-.01554	.00371	.79729	.00036	-.00129
#2	-.00124	.00107	72.080	-.01540	.00385	.84246	.00019	.01861
#3	-.00103	.00108	71.451	-.01474	.00363	.88773	.00037	.02822

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7171	1.4329	-.00068	.00115	.00184	.0035	.12498	3.3226
Stddev	.0104	.0064	.00161	.00112	.00153	.0002	.00022	.2166
%RSD	.60753	.44857	237.77	97.562	83.434	5.087	.17336	6.5191

#1	1.7186	1.4282	.00100	.00243	.00007	.0033	.12485	3.1542
#2	1.7059	1.4303	-.00083	.00030	.00285	.0034	.12523	3.5669
#3	1.7266	1.4403	-.00220	.00074	.00259	.0037	.12486	3.2466

Sample Name: K3037-01DLX10 Acquired: 5/29/2019 14:42:24 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4769
 Stddev .1544
 %RSD 10.454

#1 1.6446
 #2 1.4455
 #3 1.3406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.7	44283.	3998.1	40.193	3522.0
Stddev	3.4	22.	9.1	1.208	4.3
%RSD	.09857	.04880	.22751	3.0049	.12316

#1	3463.4	44274.	3989.8	39.412	3517.2
#2	3464.1	44267.	4007.8	41.584	3525.6
#3	3469.6	44307.	3996.5	39.582	3523.3

Sample Name: K3037-02DLX10 Acquired: 5/29/2019 14:46:57 Type: Unk
Method: P4-ICP2(v3155) 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	.00190	-.00216	-.00021	.00398	-.00061	-.00208	.08924	-.00028
Stddev	.00325	.00062	.00070	.00187	.00065	.00907	.00054	.00005
%RSD	171.20	28.762	329.64	46.902	107.98	436.61	.60107	19.543

#1	.00147	-.00287	.00057	.00534	.00012	.00797	.08865	-.00031
#2	.00533	-.00190	-.00044	.00185	-.00080	-.00965	.08969	-.00022
#3	-.00112	-.00171	-.00076	.00474	-.00114	-.00455	.08938	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	43.290	-.00533	.00128	-.00007	1.2577	8.0158	14.569
Stddev	.00006	.229	.00024	.00006	.00026	.0064	.0350	.112
%RSD	77.197	.52844	4.5365	4.6914	352.81	.50687	.43618	.77102

#1	-.00003	43.047	-.00511	.00123	-.00025	1.2527	7.9759	14.519
#2	-.00005	43.322	-.00559	.00135	-.00019	1.2554	8.0303	14.698
#3	-.00015	43.502	-.00528	.00127	.00022	1.2649	8.0411	14.490

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	.00079	70.989	-.01359	.00251	.99407	.00014	.02463
Stddev	.00044	.00047	.306	.00054	.00006	.01527	.00018	.01036
%RSD	27.509	59.992	.43040	3.9624	2.5690	1.5365	132.23	42.053

#1	-.00158	.00026	70.708	-.01421	.00252	.97654	.00031	.02330
#2	-.00117	.00095	71.314	-.01326	.00257	1.0045	.00016	.03559
#3	-.00204	.00116	70.946	-.01329	.00244	1.0012	-.00005	.01501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9968	1.4309	-.00119	.00161	.00284	.0060	.13543	4.2087
Stddev	.0140	.0160	.00014	.00012	.00093	.0012	.00077	.1218
%RSD	.70171	1.1197	11.746	7.5003	32.843	19.15	.57116	2.8931

#1	2.0045	1.4318	-.00134	.00148	.00357	.0049	.13475	4.2433
#2	1.9806	1.4145	-.00106	.00165	.00179	.0072	.13526	4.3094
#3	2.0052	1.4465	-.00119	.00171	.00315	.0059	.13627	4.0733

Sample Name: K3037-02DLX10 Acquired: 5/29/2019 14:46:57 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3136
 Stddev .4115
 %RSD 31.325

#1 1.1861
 #2 .98103
 #3 1.7738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3473.5	44474.	4021.4	39.542	3525.2
Stddev	10.9	28.	23.0	.543	11.2
%RSD	.31335	.06230	.57096	1.3726	.31652

#1	3462.3	44503.	4008.4	39.420	3514.0
#2	3474.3	44470.	4047.9	40.135	3525.2
#3	3484.0	44448.	4007.9	39.070	3536.3

Sample Name: K3041-13DLX10 Acquired: 5/29/2019 14:51:29 Type: Unk
Method: P4-ICP2(v3155) 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	-.00160	.00104	.04470	.00111	.00084	.56918	.26763	.00019
Stddev	.00141	.00077	.00139	.00130	.00115	.00444	.00146	.00006
%RSD	88.221	74.068	3.1019	117.39	136.17	.78061	.54649	33.711

#1	-.00010	.00024	.04321	-.00039	.00144	.56859	.26605	.00020
#2	-.00289	.00110	.04491	.00198	.00158	.57389	.26792	.00012
#3	-.00180	.00178	.04596	.00173	-.00048	.56506	.26893	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	36.931	.00784	.00437	.04146	4.6902	.42332	11.546
Stddev	.00003	.239	.00024	.00009	.00037	.0156	.00148	.184
%RSD	18.133	.64849	3.0106	2.0535	.89555	.33315	.35032	1.5967

#1	.00015	36.660	.00796	.00433	.04151	4.6781	.42391	11.343
#2	.00013	37.112	.00798	.00447	.04107	4.6847	.42164	11.592
#3	.00019	37.022	.00756	.00431	.04181	4.7078	.42442	11.703

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01652	-.00034	214.62	.00188	.58510	3.6904	.00044	.05671
Stddev	.00053	.00033	.30	.00009	.00077	.0187	.00011	.01441
%RSD	3.1999	95.682	.13930	4.7821	.13124	.50820	24.016	25.401

#1	.01635	-.00029	214.95	.00197	.58422	3.6701	.00037	.06786
#2	.01609	-.00004	214.38	.00179	.58545	3.6940	.00057	.06183
#3	.01711	-.00069	214.52	.00188	.58563	3.7070	.00039	.04045

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4628	3.6370	.00539	.02482	.02406	.0390	.37471	4.7997
Stddev	.0049	.0196	.00038	.00118	.00079	.0020	.00169	.0644
%RSD	.33377	.53925	7.0196	4.7664	3.2985	5.128	.45183	1.3407

#1	1.4585	3.6148	.00546	.02581	.02345	.0367	.37391	4.8709
#2	1.4681	3.6520	.00498	.02513	.02378	.0403	.37666	4.7826
#3	1.4618	3.6443	.00572	.02351	.02496	.0399	.37357	4.7456

Sample Name: K3041-13DLX10 Acquired: 5/29/2019 14:51:29 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.8848
Stddev	.5372
%RSD	18.621

#1	3.4928
#2	2.6873
#3	2.4744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.3	43386.	3977.7	38.815	3386.1
Stddev	7.4	80.	28.7	1.402	5.7
%RSD	.21596	.18536	.72164	3.6112	.16885

#1	3414.6	43385.	3999.4	38.773	3392.3
#2	3416.5	43305.	3945.2	40.237	3385.0
#3	3402.9	43466.	3988.6	37.434	3381.1

Sample Name: PB120136BL Acquired: 5/29/2019 14:55:50 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120136BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00093	-.00169	-.00151	-.00013	-.01107	.00067
Stddev	.00084	.00021	.00020	.00153	.00052	.00718	.00024
%RSD	360.87	22.069	11.756	101.23	413.70	64.876	35.849

#1	.00072	-.00082	-.00147	.00000	.00045	-.01909	.00053
#2	-.00053	-.00117	-.00186	-.00306	-.00057	-.00888	.00095
#3	-.00089	-.00081	-.00172	-.00148	-.00026	-.00524	.00054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	.00430	.00001	.00009	-.00045	-.00023
Stddev	.00006	.00005	.00607	.00032	.00014	.00005	.00076
%RSD	189.64	394.97	141.12	3499.2	159.14	10.225	329.84

#1	-.00005	.00003	-.00070	.00003	.00025	-.00047	.00063
#2	-.00009	-.00006	.00254	-.00032	-.00003	-.00048	-.00081
#3	.00004	-.00000	.01106	.00032	.00006	-.00039	-.00051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02587	.00011	-.00024	.03976	-.00000	-.00064
Stddev	.00004	.02077	.00030	.00018	.00701	.00006	.00008
%RSD	93.691	80.279	285.29	74.014	17.633	2001.2	12.142

#1	.00002	.00257	-.00023	-.00043	.03266	-.00006	-.00065
#2	.00009	.03260	.00018	-.00008	.04668	.00006	-.00056
#3	.00003	.04243	.00037	-.00020	.03995	-.00001	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03287	-.00010	.00394	-.00385	-.00167	-.00150	.00130
Stddev	.01990	.00011	.01255	.00171	.00227	.00038	.00045
%RSD	60.562	106.22	318.40	44.504	135.78	25.493	34.474

#1	.03152	-.00001	.01502	-.00505	-.00067	-.00166	.00172
#2	.01367	-.00007	-.00969	-.00462	-.00008	-.00107	.00134
#3	.05341	-.00023	.00650	-.00189	-.00427	-.00178	.00083

Sample Name: PB120136BL Acquired: 5/29/2019 14:55:50 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120136BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.0003	.00005	F 2.3712	F<.00000
Stddev	.00004	.0004	.00008	.1343	.38161
%RSD	3.1683	132.0	156.42	5.6641	1051.2

#1	.00113	.0001	.00005	2.4926	.15665
#2	.00112	-.0004	-.00003	2.3942	-.47586
#3	.00119	-.0006	.00014	2.2269	.21030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.7	46650.	4041.5	42.937	3876.1
Stddev	2.3	138.	22.5	1.238	2.4
%RSD	.06249	.29546	.55693	2.8838	.06275

#1	3616.3	46713.	4023.2	42.502	3873.4
#2	3620.8	46492.	4066.7	41.975	3878.0
#3	3619.0	46745.	4034.7	44.334	3877.1

Sample Name: PB120136BS Acquired: 5/29/2019 15:00:18 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120136BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76383	2.0070	.97482	1.9703	.76066	1.8839	.20219
Stddev	.00426	.0080	.00122	.0112	.00066	.0187	.00043
%RSD	.55764	.40002	.12552	.56566	.08737	.99116	.21485

#1	.76465	1.9981	.97424	1.9599	.76142	1.8626	.20232
#2	.76762	2.0138	.97400	1.9820	.76029	1.8917	.20255
#3	.75922	2.0090	.97623	1.9691	.76026	1.8974	.20171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19613	.18977	1.0544	.41024	.19759	.31211	3.1093
Stddev	.00103	.00067	.0096	.00072	.00047	.00095	.0062
%RSD	.52472	.35320	.91318	.17547	.23775	.30317	.20074

#1	.19628	.19022	1.0458	.41091	.19813	.31120	3.1153
#2	.19504	.19009	1.0649	.41034	.19728	.31308	3.1028
#3	.19708	.18900	1.0526	.40948	.19735	.31204	3.1098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21035	1.9936	.49237	.07342	2.9986	.30535	.19183
Stddev	.00068	.0427	.00057	.00041	.0073	.00086	.00027
%RSD	.32558	2.1429	.11605	.56251	.24370	.28023	.13821

#1	.21105	1.9564	.49199	.07319	2.9914	.30461	.19163
#2	.20968	1.9842	.49210	.07389	2.9985	.30517	.19172
#3	.21032	2.0403	.49303	.07316	3.0060	.30629	.19213

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7493	.40266	.28283	F -.00850	.88797	.67867	.20434
Stddev	.0163	.00052	.01350	.00121	.00279	.00079	.00390
%RSD	.16702	.12864	4.7737	14.290	.31468	.11648	1.9105

#1	9.7308	.40251	.27610	-.00956	.88801	.67890	.20307
#2	9.7614	.40323	.27402	-.00718	.88516	.67780	.20122
#3	9.7558	.40223	.29837	-.00876	.89074	.67933	.20871

Sample Name: PB120136BS Acquired: 5/29/2019 15:00:18 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120136BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20489	5.626	.20028	F 3.4831	F<.00000
Stddev	.00140	.004	.00049	.0756	.29890
%RSD	.68523	.0661	.24606	2.1693	40.994
#1	.20475	5.623	.19997	3.3959	-.91102
#2	.20356	5.630	.20002	3.5297	-.89219
#3	.20636	5.627	.20085	3.5236	-.38415
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.8	46788.	4089.4	41.448	3806.5
Stddev	20.0	138.	15.1	1.742	20.0
%RSD	.55208	.29472	.37038	4.2038	.52494
#1	3609.9	46727.	4073.1	40.825	3797.5
#2	3602.9	46692.	4092.0	40.102	3792.6
#3	3640.5	46946.	4103.1	43.416	3829.4

Sample Name: K3050-01A Acquired: 5/29/2019 15:04:24 Type: Unk
Method: P4-ICP2(v3155) 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	.84295	2.1240	1.0360	2.2508	.82244	2.0962	.22844	.22187
Stddev	.00437	.0048	.0021	.0074	.00371	.0131	.00082	.00021
%RSD	.51803	.22569	.20151	.32834	.45133	.62243	.35997	.09280
#1	.84799	2.1192	1.0336	2.2589	.81820	2.0811	.22829	.22194
#2	.84032	2.1240	1.0374	2.2444	.82403	2.1029	.22932	.22203
#3	.84055	2.1288	1.0369	2.2492	.82509	2.1044	.22770	.22164
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20439	20.188	.43939	.20686	.33771	3.3522	.22459	6.1597
Stddev	.00059	.047	.00042	.00035	.00084	.0061	.00035	.0521
%RSD	.28906	.23074	.09550	.17043	.25001	.18085	.15510	.84648
#1	.20481	20.211	.43903	.20725	.33828	3.3454	.22492	6.1312
#2	.20463	20.218	.43985	.20656	.33811	3.3541	.22463	6.2199
#3	.20371	20.134	.43929	.20679	.33674	3.3571	.22423	6.1279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52052	.07886	20.385	.32796	.21702	11.540	.42958	.30922
Stddev	.00078	.00046	.051	.00058	.00033	.038	.00158	.01267
%RSD	.14952	.58941	.24939	.17608	.15330	.33004	.36711	4.0986
#1	.51979	.07873	20.422	.32765	.21664	11.565	.42811	.31849
#2	.52042	.07848	20.406	.32863	.21722	11.560	.42938	.29478
#3	.52134	.07938	20.327	.32760	.21720	11.496	.43124	.31439
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4796	2.8695	.72670	.21750	.20950	6.269	.29430	2.8810
Stddev	.0065	.0115	.00210	.00295	.00178	.009	.00276	.2489
%RSD	.26231	.40191	.28930	1.3565	.85143	.1499	.93900	8.6394
#1	2.4770	2.8804	.72913	.21718	.21002	6.264	.29721	2.7708
#2	2.4747	2.8574	.72538	.21472	.21097	6.280	.29399	3.1659
#3	2.4870	2.8706	.72560	.22060	.20752	6.264	.29171	2.7062

Sample Name: K3050-01A Acquired: 5/29/2019 15:04:24 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.54681
%RSD	124.02

#1	-.87208
#2	-.62474
#3	.17415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.2	46306.	4133.6	42.910	3810.4
Stddev	4.7	124.	11.6	1.451	3.8
%RSD	.12906	.26806	.28101	3.3807	.09974

#1	3607.5	46424.	4126.0	42.152	3807.4
#2	3605.5	46176.	4128.0	41.996	3809.2
#3	3614.4	46319.	4147.0	44.583	3814.7

Sample Name: CCV03 Acquired: 5/29/2019 15:08:29 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0498	5.0391	4.9845	5.0653	4.9973	9.8572	10.178	.25195
Stddev	.0035	.0184	.0134	.0137	.0093	.0944	.074	.00042
%RSD	.06944	.36560	.26932	.27016	.18661	.95798	.72429	.16733
#1	5.0537	5.0601	4.9995	5.0811	5.0071	9.7482	10.096	.25166
#2	5.0468	5.0254	4.9735	5.0581	4.9885	9.9160	10.198	.25176
#3	5.0490	5.0319	4.9806	5.0567	4.9963	9.9072	10.239	.25244
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4741	25.257	1.0088	2.4806	1.2538	5.0347	2.5538	25.110
Stddev	.0020	.035	.0031	.0025	.0019	.0032	.0026	.317
%RSD	.08077	.14035	.30187	.09925	.14806	.06398	.10306	1.2614
#1	2.4763	25.226	1.0104	2.4826	1.2559	5.0312	2.5536	24.802
#2	2.4724	25.250	1.0053	2.4813	1.2524	5.0375	2.5512	25.094
#3	2.4735	25.296	1.0107	2.4778	1.2532	5.0355	2.5565	25.434
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4874	1.2637	25.119	2.5192	2.5057	24.963	5.0601	4.9216
Stddev	.0015	.0034	.147	.0024	.0028	.143	.0083	.0160
%RSD	.05890	.27117	.58344	.09649	.11089	.57454	.16379	.32446
#1	2.4889	1.2669	24.952	2.5220	2.5084	24.798	5.0692	4.9152
#2	2.4860	1.2601	25.177	2.5174	2.5059	25.033	5.0529	4.9098
#3	2.4874	1.2640	25.227	2.5183	2.5029	25.058	5.0582	4.9398
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0782	4.9349	4.9924	5.0440	4.9458	5.157	5.0773	F 4.1417
Stddev	.0131	.0435	.0043	.0212	.0137	.007	.0071	.2742
%RSD	.25732	.88094	.08539	.42032	.27746	.1401	.13982	6.6214
#1	5.0834	4.9848	4.9938	5.0198	4.9578	5.155	5.0827	3.9467
#2	5.0633	4.9050	4.9876	5.0595	4.9488	5.165	5.0799	4.4553
#3	5.0878	4.9149	4.9958	5.0526	4.9309	5.151	5.0693	4.0232

Sample Name: CCV03 Acquired: 5/29/2019 15:08:29 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15035 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8499
Stddev .2418
%RSD 8.4855

#1 2.7887
#2 3.1165
#3 2.6446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.8	44450.	4032.0	39.087	3450.9
Stddev	11.7	127.	37.4	.945	8.8
%RSD	.33742	.28519	.92686	2.4187	.25590

#1	3453.3	44304.	3989.2	40.112	3440.7
#2	3473.6	44522.	4048.4	38.899	3456.3
#3	3473.5	44525.	4058.4	38.250	3455.8

Sample Name: CCB03 Acquired: 5/29/2019 15:12:36 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	.00109	-.00113	-.00042	.00107	-.00746	.00063
Stddev	.00251	.00028	.00059	.00200	.00073	.00444	.00043
%RSD	146.44	25.692	52.179	474.76	68.646	59.607	68.639

#1	-.00222	.00141	-.00176	-.00028	.00031	-.00240	.00111
#2	.00101	.00088	-.00105	-.00249	.00177	-.00925	.00052
#3	-.00394	.00098	-.00059	.00151	.00112	-.01073	.00026

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00005	.00579	.00037	.00017	-.00052	-.00009
Stddev	.00013	.00005	.01360	.00032	.00010	.00023	.00011
%RSD	1696.1	90.216	235.10	87.566	59.125	43.147	119.45

#1	-.00007	.00009	.01093	-.00000	.00009	-.00056	-.00021
#2	.00014	-.00000	-.00964	.00051	.00029	-.00073	.00001
#3	-.00009	.00007	.01607	.00060	.00015	-.00028	-.00008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00414	-.00002	-.00013	-.01915	.00016	-.00057
Stddev	.00005	.02676	.00010	.00036	.00203	.00043	.00006
%RSD	374.12	645.73	598.67	269.51	10.594	271.65	9.8303

#1	-.00004	.01959	-.00013	-.00051	-.02148	.00030	-.00057
#2	.00003	-.02675	.00005	.00022	-.01821	.00050	-.00051
#3	.00005	.01959	.00003	-.00012	-.01777	-.00032	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06771	.00036	-.00456	-.00412	-.00057	-.00090	.00120
Stddev	.01843	.00013	.00679	.00155	.00025	.00009	.00204
%RSD	27.216	35.327	148.90	37.641	43.950	10.392	169.65

#1	.08414	.00038	.00009	-.00562	-.00080	-.00097	-.00112
#2	.07120	.00023	-.01235	-.00421	-.00061	-.00080	.00205
#3	.04778	.00048	-.00142	-.00252	-.00030	-.00095	.00269

Sample Name: CCB03 Acquired: 5/29/2019 15:12:36 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15035 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.0021	.00015	F 1.8899	F<.00000
Stddev	.00113	.0019	.00003	.2241	.36705
%RSD	60.441	87.48	21.926	11.858	107.24
#1	.00063	-.0040	.00017	1.7239	-.06699
#2	.00213	-.0020	.00016	2.1448	-.75900
#3	.00284	-.0003	.00011	1.8010	-.20081
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3645.8	46807.	4056.8	41.073	3899.3
Stddev	12.7	128.	7.7	1.499	11.4
%RSD	.34769	.27389	.19055	3.6484	.29166
#1	3631.9	46667.	4065.0	42.698	3886.2
#2	3656.8	46835.	4049.6	39.745	3906.0
#3	3648.7	46919.	4056.0	40.775	3905.8

Sample Name: LR CHECK 1 Acquired: 5/29/2019 15:19:10 Type: Unk
Method: P4-ICP2(v3155) 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	-.10829	.00593	-.01486	-.63319	.10069	1934.3	.01666	.09556
Stddev	.00563	.00112	.00240	.01668	.01096	20.0	.00080	.00029
%RSD	5.1998	18.825	16.139	2.6339	10.888	1.0355	4.7934	.30807

#1	-.11001	.00516	-.01639	-.62540	.10288	1912.2	.01742	.09586
#2	-.11285	.00721	-.01210	-.65234	.11040	1939.6	.01583	.09527
#3	-.10199	.00542	-.01610	-.62183	.08880	1951.2	.01675	.09556

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14575	1673.6	-.10142	.10923	.45617	832.85	-.03759	1895.0
Stddev	.00242	11.0	.00081	.00029	.00399	1.86	.00022	3.5
%RSD	1.6610	.66015	.79519	.26644	.87568	.22378	.57961	.18664

#1	.14854	1660.8	-.10233	.10903	.45156	834.29	-.03744	1892.5
#2	.14434	1680.6	-.10117	.10910	.45847	830.75	-.03784	1893.5
#3	.14435	1679.2	-.10077	.10957	.45849	833.51	-.03750	1899.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11899	-.26814	1946.5	.00324	.29882	1057.6	-.02047	-2.7766
Stddev	.00057	.00213	8.3	.00161	.00118	4.4	.00102	.0599
%RSD	.47681	.79277	.42505	49.627	.39603	.41746	4.9870	2.1588

#1	.11857	-.26704	1942.4	.00302	.30007	1054.3	-.02018	-2.8408
#2	.11964	-.27058	1941.0	.00175	.29772	1062.6	-.01963	-2.7220
#3	.11876	-.26678	1956.0	.00494	.29867	1055.8	-.02161	-2.7671

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35017	.03001	.09418	-.07100	.07547	.1712	-.90170	<.00000
Stddev	.01684	.00213	.00281	.00127	.00078	.0048	.00197	.19309
%RSD	4.8099	7.1024	2.9848	1.7863	1.0312	2.826	.21811	2.8978

#1	.35277	.02833	.09570	-.07026	.07463	.1674	-.90329	-6.8247
#2	.33218	.03241	.09591	-.07027	.07564	.1766	-.89950	-6.4494
#3	.36556	.02930	.09094	-.07246	.07616	.1697	-.90230	-6.7157

Sample Name: LR CHECK 1 Acquired: 5/29/2019 15:19:10 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev -----
%RSD -----

#1 ^ -----
#2 ^ -----
#3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.1	31323.	3501.4	33.488	1834.0
Stddev	5.0	32.	12.4	3.462	6.1
%RSD	.21208	.10298	.35415	10.338	.33495

#1	2363.4	31311.	3512.2	32.979	1827.5
#2	2371.0	31298.	3504.1	30.308	1839.7
#3	2372.9	31359.	3487.9	37.176	1834.7

Sample Name: LR CHECK 2 Acquired: 5/29/2019 15:24:11 Type: Unk
Method: P4-ICP2(v3155) 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	-.00645	-.00265	231.81	.02577	-.03003	-.20496	93.928	-.00181
Stddev	.00227	.00156	.16	.00405	.00138	.00872	.953	.00004
%RSD	35.130	59.124	.07051	15.732	4.5909	4.2541	1.0142	2.2618

#1	-.00441	-.00399	231.82	.02415	-.02987	-.19625	92.843	-.00179
#2	-.00606	-.00302	231.97	.03039	-.02874	-.21369	94.629	-.00186
#3	-.00889	-.00093	231.64	.02278	-.03148	-.20494	94.311	-.00179

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00556	.22026	-.13097	.00448	259.33	-.76915	42.075	-.09580
Stddev	.00017	.01314	.00021	.00045	2.37	.00361	.186	.05310
%RSD	3.0580	5.9635	.16344	9.9656	.91362	.46956	.44215	55.430

#1	-.00543	.20804	-.13108	.00469	259.11	-.76536	42.138	-.03508
#2	-.00551	.21857	-.13110	.00479	261.81	-.77255	42.222	-.13355
#3	-.00575	.23415	-.13072	.00397	257.09	-.76954	41.866	-.11877

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.448	.00675	.77539	-.10488	33.698	1.1896	-.00556	.00214
Stddev	.147	.00069	.02406	.00009	.466	.0344	.00020	.01338
%RSD	.29787	10.259	3.1027	.08153	1.3818	2.8918	3.5126	626.88

#1	49.286	.00688	.74907	-.10488	33.240	1.1724	-.00570	-.00148
#2	49.486	.00737	.78086	-.10480	33.683	1.1672	-.00534	.01696
#3	49.573	.00600	.79625	-.10497	34.171	1.2292	-.00565	-.00907

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03054	-.00241	.00059	.00635	-.00155	-2.364	.00245	4.3442
Stddev	.00552	.00081	.00057	.00056	.00051	.038	.00000	.1739
%RSD	18.062	33.611	97.158	8.8032	32.720	1.593	.06914	4.0018

#1	.03547	-.00275	.00124	.00570	-.00205	-2.337	.00245	4.2050
#2	.02458	-.00299	.00017	.00671	-.00104	-2.348	.00245	4.5390
#3	.03158	-.00148	.00036	.00663	-.00157	-2.407	.00245	4.2885

Sample Name: LR CHECK 2 Acquired: 5/29/2019 15:24:11 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.72826
Stddev	.14025
%RSD	19.258

#1	.65971
#2	.88960
#3	.63547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.9	46631.	4150.6	40.393	3552.6
Stddev	15.3	140.	2.8	.902	12.3
%RSD	.46099	.29946	.06828	2.2319	.34760

#1	3314.9	46741.	4151.0	40.298	3566.3
#2	3295.4	46474.	4147.6	41.339	3548.8
#3	3325.5	46679.	4153.2	39.543	3542.5

Sample Name: K3053-01 Acquired: 5/28/2019 15:12:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15773	.01306	.07169	-.02814	.01336	96.978	.27151
Stddev	.00124	.00132	.00097	.00343	.00143	.372	.00054
%RSD	.78647	10.099	1.3588	12.206	10.711	.38344	.19923

#1	.15641	.01458	.07280	-.02422	.01500	96.633	.27129
#2	.15790	.01230	.07133	-.02956	.01274	97.372	.27213
#3	.15887	.01230	.07095	-.03063	.01234	96.930	.27111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02947	-.00320	14.373	.39952	.08433	.14162	367.48
Stddev	.00030	.00015	.061	.00047	.00054	.00056	.50
%RSD	1.0340	4.5443	.42501	.11867	.63889	.39401	.13606

#1	.02975	-.00334	14.302	.39898	.08371	.14227	367.64
#2	.02914	-.00305	14.408	.39974	.08460	.14127	366.91
#3	.02951	-.00320	14.407	.39984	.08467	.14134	367.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8220	17.533	.12784	-.02509	.74564	.74940	.48878
Stddev	.0024	.120	.00033	.00019	.01670	.00241	.00067
%RSD	.13437	.68719	.25487	.77181	2.2401	.32109	.13802

#1	1.8195	17.395	.12759	-.02486	.72640	.75030	.48956
#2	1.8223	17.595	.12774	-.02521	.75411	.74667	.48839
#3	1.8244	17.611	.12821	-.02518	.75642	.75123	.48839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.676	.00311	.25902	2.0377	2.4326	.01276	1.1736
Stddev	.026	.00018	.02403	.0010	.0243	.00099	.0073
%RSD	.16604	5.8657	9.2770	.05053	.99785	7.7356	.62488

#1	15.654	.00298	.26465	2.0385	2.4059	.01239	1.1673
#2	15.669	.00303	.23268	2.0366	2.4384	.01388	1.1719
#3	15.705	.00332	.27974	2.0382	2.4534	.01201	1.1817

Sample Name: K3053-01 Acquired: 5/28/2019 15:12:22 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08067	5.949	-.27110	<.00000	F<.00000
Stddev	.00061	.005	.00083	.07911	1.2845
%RSD	.76011	.0863	.30714	7.1923	2.2929
#1	.07997	5.952	-.27200	-1.1462	-54.810
#2	.08108	5.943	-.27035	-1.1451	-55.886
#3	.08097	5.952	-.27095	-1.0086	-57.368
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.2	50272.	4653.7	42.727	3364.8
Stddev	9.0	32.	9.2	.910	7.5
%RSD	.23131	.06424	.19771	2.1287	.22244
#1	3862.2	50238.	4650.8	42.331	3356.3
#2	3875.2	50302.	4663.9	43.767	3370.5
#3	3879.3	50275.	4646.2	42.082	3367.6

Sample Name: K3053-01DUP Acquired: 5/28/2019 15:16:48 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15977	.01077	.06575	-.02941	.01400	97.197	.26959
Stddev	.00039	.00171	.00039	.00065	.00056	.203	.00154
%RSD	.24342	15.894	.58594	2.1946	4.0047	.20846	.57264

#1	.15972	.00886	.06586	-.02929	.01353	97.062	.27048
#2	.16018	.01131	.06532	-.02883	.01462	97.430	.27049
#3	.15941	.01215	.06606	-.03010	.01384	97.099	.26781

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02879	-.00311	14.296	.39605	.08517	.13699	366.36
Stddev	.00011	.00060	.034	.00064	.00033	.00086	1.72
%RSD	.38971	19.192	.23603	.16165	.38554	.62965	.46970

#1	.02883	-.00373	14.263	.39531	.08518	.13790	368.27
#2	.02866	-.00307	14.330	.39650	.08549	.13688	365.88
#3	.02887	-.00254	14.296	.39633	.08483	.13619	364.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8279	17.638	.12641	-.02452	.53416	.74883	.49012
Stddev	.0028	.058	.00032	.00069	.00471	.00304	.00079
%RSD	.15552	.33155	.25681	2.8292	.88252	.40587	.16143

#1	1.8246	17.617	.12669	-.02446	.53547	.75226	.48963
#2	1.8300	17.705	.12606	-.02385	.53808	.74774	.48969
#3	1.8289	17.594	.12649	-.02524	.52893	.74648	.49103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.722	.00337	.27454	2.0207	2.3777	.01296	1.1777
Stddev	.028	.00008	.01955	.0079	.0131	.00043	.0023
%RSD	.17556	2.3905	7.1211	.39008	.54987	3.3371	.19705

#1	15.717	.00340	.29534	2.0295	2.3869	.01333	1.1756
#2	15.752	.00343	.27171	2.0181	2.3835	.01305	1.1802
#3	15.697	.00328	.25655	2.0144	2.3627	.01248	1.1773

Sample Name: K3053-01DUP Acquired: 5/28/2019 15:16:48 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08123	5.974	-.27003	<.00000	F<.00000
Stddev	.00156	.005	.00213	.19619	1.6437
%RSD	1.9252	.0845	.78997	27.909	3.0000

#1	.08228	5.968	-.27240	-.84232	-53.821
#2	.08197	5.975	-.26945	-.47860	-56.688
#3	.07943	5.978	-.26826	-.78792	-53.863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3858.4	50247.	4676.4	42.476	3350.2
Stddev	16.3	114.	13.8	.396	10.1
%RSD	.42153	.22684	.29461	.93177	.30108

#1	3843.6	50116.	4663.7	42.750	3340.0
#2	3875.8	50299.	4674.4	42.657	3360.1
#3	3855.8	50325.	4691.0	42.023	3350.4

Sample Name: K3053-01LX5 Acquired: 5/28/2019 15:21:13 Type: Unk
Method: P4-ICP2(v3152) 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	.03910	.00578	.00965	.00471	.00306	21.358	.06062
Stddev	.00178	.00162	.00028	.00232	.00042	.248	.00068
%RSD	4.5568	28.088	2.8531	49.302	13.788	1.1612	1.1209

#1	.03706	.00746	.00963	.00228	.00320	21.072	.05984
#2	.03993	.00565	.00993	.00494	.00259	21.501	.06101
#3	.04032	.00422	.00938	.00691	.00340	21.502	.06102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00539	-.00494	3.2286	.08760	.01710	.02523	109.57
Stddev	.00008	.00021	.0226	.00067	.00015	.00036	1.63
%RSD	1.4940	4.2879	.70081	.76555	.85803	1.4440	1.4913

#1	.00537	-.00472	3.2077	.08686	.01727	.02548	107.72
#2	.00547	-.00498	3.2526	.08778	.01702	.02481	110.20
#3	.00531	-.00513	3.2256	.08816	.01702	.02539	110.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41747	3.9821	.02421	-.00156	.25553	.16827	.08980
Stddev	.00175	.0288	.00032	.00033	.01270	.00040	.00049
%RSD	.42005	.72321	1.3104	21.214	4.9695	.23517	.54522

#1	.41549	4.0126	.02429	-.00192	.24179	.16814	.09034
#2	.41806	3.9783	.02447	-.00150	.25798	.16871	.08966
#3	.41884	3.9554	.02385	-.00126	.26684	.16795	.08939

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5542	.00059	.06680	.41886	.56263	.00076	.26587
Stddev	.0254	.00004	.00544	.00520	.01273	.00035	.00297
%RSD	.71413	7.2611	8.1433	1.2420	2.2633	45.592	1.1152

#1	3.5310	.00054	.07247	.42373	.57731	.00113	.26253
#2	3.5502	.00060	.06163	.41947	.55458	.00044	.26818
#3	3.5813	.00062	.06631	.41338	.55601	.00071	.26691

Sample Name: K3053-01LX5 Acquired: 5/28/2019 15:21:13 Type: Unk
Method: P4-ICP2(v3152) 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	.01809	1.192	-.09020	2.1605	F<.00000
Stddev	.00041	.003	.00185	.1452	.75839
%RSD	2.2920	.2647	2.0556	6.7212	19.586

#1	.01836	1.193	-.08810	2.3203	-3.4128
#2	.01831	1.195	-.09088	2.1245	-3.4560
#3	.01762	1.189	-.09161	2.0367	-4.7475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.8	47676.	4314.7	42.632	3658.0
Stddev	6.9	243.	5.2	.365	9.7
%RSD	.18751	.51003	.11960	.85537	.26637

#1	3673.7	47955.	4309.6	42.923	3658.3
#2	3676.1	47509.	4314.5	42.750	3648.1
#3	3686.6	47565.	4319.9	42.223	3667.6

Sample Name: K3053-01MS Acquired: 5/28/2019 15:25:41 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83779	1.9599	1.0399	1.6919	.22332	112.71	.45768
Stddev	.00359	.0026	.0003	.0015	.00062	.25	.00017
%RSD	.42909	.13093	.02631	.09155	.27845	.21804	.03617

#1	.84172	1.9608	1.0402	1.6907	.22265	112.77	.45764
#2	.83700	1.9570	1.0396	1.6937	.22345	112.45	.45754
#3	.83466	1.9618	1.0398	1.6914	.22387	112.93	.45786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20271	.18960	44.781	.71184	.27514	.37568	307.17
Stddev	.00047	.00008	.089	.00056	.00032	.00088	.50
%RSD	.23045	.03995	.19878	.07888	.11713	.23533	.16405

#1	.20319	.18966	44.679	.71246	.27550	.37600	306.90
#2	.20226	.18962	44.832	.71166	.27505	.37635	306.86
#3	.20268	.18952	44.834	.71138	.27487	.37468	307.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8304	28.465	.61135	.05145	3.2693	.93072	.65630
Stddev	.0038	.197	.00035	.00033	.0073	.00210	.00019
%RSD	.20985	.69166	.05679	.63284	.22423	.22583	.02871

#1	1.8346	28.238	.61135	.05113	3.2612	.93125	.65610
#2	1.8294	28.570	.61101	.05144	3.2753	.93250	.65647
#3	1.8271	28.587	.61170	.05178	3.2716	.92840	.65635

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.478	.33124	.49673	1.4617	2.9050	.66534	1.4011
Stddev	.068	.00077	.01844	.0009	.0326	.00125	.0045
%RSD	.24714	.23380	3.7128	.06099	1.1240	.18802	.31761

#1	27.409	.33091	.51126	1.4610	2.9285	.66504	1.3963
#2	27.478	.33213	.47598	1.4627	2.9188	.66427	1.4051
#3	27.545	.33069	.50295	1.4614	2.8677	.66671	1.4020

Sample Name: K3053-01MS Acquired: 5/28/2019 15:25:41 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28447	F 10.72	-.00824	<.00000	F<.00000
Stddev	.00084	.02	.00034	.02673	1.3732
%RSD	.29669	.1407	4.1675	13.737	3.3467
#1	.28511	10.74	-.00805	-.19470	-42.180
#2	.28352	10.72	-.00864	-.16775	-39.511
#3	.28479	10.71	-.00803	-.22120	-41.407
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.2	49325.	4551.9	43.067	3328.3
Stddev	11.7	80.	10.1	.622	8.6
%RSD	.30825	.16145	.22135	1.4431	.25969
#1	3794.8	49269.	4544.3	43.005	3324.0
#2	3790.4	49289.	4548.1	42.479	3322.6
#3	3812.5	49416.	4563.3	43.717	3338.2

Sample Name: K3053-01MSD Acquired: 5/28/2019 15:30:00 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83327	1.9588	1.0401	1.6854	.22353	112.40	.45718
Stddev	.00157	.0054	.0007	.0059	.00055	.45	.00248
%RSD	.18806	.27439	.07085	.34961	.24586	.39849	.54306

#1	.83419	1.9646	1.0400	1.6792	.22346	112.57	.45633
#2	.83417	1.9577	1.0394	1.6910	.22412	111.90	.45524
#3	.83146	1.9540	1.0409	1.6860	.22302	112.74	.45998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20278	.18997	46.645	.71268	.27664	.37535	307.67
Stddev	.00024	.00045	.498	.00237	.00053	.00091	1.05
%RSD	.11592	.23892	1.0680	.33202	.19120	.24354	.34191

#1	.20292	.19004	46.173	.71500	.27725	.37437	308.74
#2	.20291	.19039	47.166	.71027	.27637	.37550	306.64
#3	.20251	.18949	46.595	.71276	.27630	.37617	307.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8366	29.087	.60975	.05086	3.2427	.93298	.65941
Stddev	.0015	.337	.00077	.00025	.0258	.00085	.00085
%RSD	.08042	1.1589	.12654	.48635	.79584	.09108	.12940

#1	1.8363	29.087	.60984	.05058	3.2395	.93231	.66038
#2	1.8381	28.750	.61047	.05104	3.2186	.93393	.65878
#3	1.8352	29.424	.60893	.05096	3.2699	.93268	.65908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.473	.33091	.49714	1.4614	2.8639	.66360	1.4015
Stddev	.089	.00096	.01295	.0086	.0542	.00175	.0053
%RSD	.32536	.28978	2.6049	.58600	1.8916	.26410	.37923

#1	27.410	.33199	.48423	1.4666	2.8439	.66355	1.3961
#2	27.433	.33015	.51013	1.4515	2.9252	.66538	1.4067
#3	27.575	.33060	.49706	1.4662	2.8225	.66188	1.4017

Sample Name: K3053-01MSD Acquired: 5/28/2019 15:30:00 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28454	F 10.69	-.00709	<.00000	F<.00000
Stddev	.00077	.01	.00354	.08817	.38311
%RSD	.26945	.0749	49.952	27.951	.93249
#1	.28528	10.69	-.00987	-.35828	-40.643
#2	.28461	10.68	-.00310	-.21403	-41.298
#3	.28375	10.69	-.00829	-.37399	-41.315
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.9	49273.	4542.2	40.363	3315.7
Stddev	5.5	142.	37.4	2.026	2.5
%RSD	.14436	.28816	.82256	5.0197	.07508
#1	3781.5	49133.	4564.3	38.428	3313.0
#2	3782.0	49417.	4499.1	42.470	3316.1
#3	3791.2	49269.	4563.4	40.192	3317.9

Sample Name: K3053-01A Acquired: 5/28/2019 15:34:20 Type: Unk
Method: P4-ICP2(v3152) 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	.83206	1.9548	1.0364	1.6897	.22107	112.43	.45730
Stddev	.00268	.0036	.0017	.0091	.00120	.46	.00276
%RSD	.32153	.18518	.16068	.53973	.54486	.40538	.60410

#1	.83304	1.9573	1.0346	1.6900	.22026	111.91	.45411
#2	.82903	1.9506	1.0365	1.6987	.22246	112.61	.45908
#3	.83410	1.9563	1.0380	1.6805	.22050	112.77	.45870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20215	.18986	44.035	.71081	.27525	.37688	307.45
Stddev	.00003	.00091	.311	.00148	.00035	.00166	1.42
%RSD	.01398	.47971	.70730	.20807	.12833	.43929	.46292

#1	.20214	.18907	43.973	.70967	.27525	.37504	309.08
#2	.20213	.18965	43.760	.71248	.27490	.37824	306.85
#3	.20219	.19086	44.373	.71029	.27561	.37736	306.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8214	28.338	.61228	.05107	3.2330	.92851	.65441
Stddev	.0013	.272	.00261	.00076	.0360	.00207	.00128
%RSD	.06883	.96045	.42665	1.4922	1.1120	.22288	.19560

#1	1.8202	28.025	.61051	.05194	3.1947	.92930	.65327
#2	1.8227	28.472	.61105	.05079	3.2660	.93008	.65417
#3	1.8214	28.518	.61528	.05049	3.2385	.92617	.65579

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.412	.33206	.49913	1.4557	2.8563	.66566	1.3975
Stddev	.079	.00178	.01435	.0048	.0089	.00118	.0040
%RSD	.28828	.53703	2.8755	.33163	.31271	.17668	.28490

#1	27.344	.33003	.49918	1.4584	2.8597	.66507	1.3943
#2	27.499	.33338	.51346	1.4501	2.8462	.66490	1.4020
#3	27.394	.33277	.48475	1.4586	2.8631	.66702	1.3962

Sample Name: K3053-01A Acquired: 5/28/2019 15:34:20 Type: Unk
Method: P4-ICP2(v3152) 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	.28619	F 10.71	-.01035	<.00000	F<.00000
Stddev	.00291	.02	.00266	.07950	1.0139
%RSD	1.0168	.1644	25.681	23.099	2.4490
#1	.28543	10.73	-.01206	-.34252	-40.449
#2	.28374	10.69	-.01170	-.42447	-41.289
#3	.28941	10.71	-.00729	-.26550	-42.467
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3793.1	49319.	4543.1	41.196	3324.1
Stddev	11.1	183.	23.4	1.726	7.2
%RSD	.29300	.37057	.51586	4.1893	.21563
#1	3805.1	49240.	4519.3	42.707	3332.3
#2	3783.2	49188.	4566.2	41.567	3320.6
#3	3790.9	49528.	4543.8	39.315	3319.4

Sample Name: PB120103BL Acquired: 5/28/2019 15:38:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120103BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00093	.00113	-.00085	.00212	-.00283	.00078	.00003
Stddev	.00095	.00063	.00100	.00166	.00187	.01270	.00036	.00006
%RSD	103.89	67.835	88.020	194.58	88.323	448.21	46.183	224.98
#1	.00067	.00164	.00034	-.00186	.00428	.00994	.00119	.00004
#2	.00195	.00075	.00225	.00106	.00103	-.00300	.00065	.00008
#3	.00011	.00041	.00081	-.00176	.00105	-.01544	.00051	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00970	.00015	.00003	-.00038	.01012	.00004	-.02255
Stddev	.00004	.00715	.00020	.00004	.00030	.00130	.00000	.01033
%RSD	115.15	73.741	140.20	118.05	78.848	12.855	13.042	45.816
#1	.00001	-.00624	-.00007	.00007	-.00038	.01112	.00003	-.01806
#2	.00008	-.00494	.00018	.00003	-.00069	.01059	.00004	-.01523
#3	.00002	-.01793	.00033	-.00001	-.00008	.00865	.00004	-.03437
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00026	.05223	-.00009	.00024	.06884	-.00011	-.01259
Stddev	.00004	.00011	.01461	.00018	.00006	.02471	.00031	.01019
%RSD	41.005	42.584	27.970	203.20	22.916	35.894	285.63	80.970
#1	.00006	.00031	.03700	-.00021	.00025	.04239	.00022	-.02433
#2	.00011	.00034	.05356	.00012	.00029	.07280	-.00039	-.00740
#3	.00014	.00013	.06613	-.00017	.00018	.09132	-.00015	-.00603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	-.00111	-.00202	-.00005	.00025	.0012	.00015	F 2.4084
Stddev	.00172	.00153	.00059	.00170	.00083	.0004	.00002	.1832
%RSD	63.568	137.58	29.201	3311.4	334.67	30.02	13.141	7.6059
#1	.00076	-.00211	-.00171	-.00148	-.00034	.0014	.00015	2.6157
#2	.00402	.00065	-.00164	.00182	-.00011	.0013	.00014	2.2684
#3	.00332	-.00188	-.00269	-.00049	.00120	.0008	.00017	2.3411

Sample Name: PB120103BL Acquired: 5/28/2019 15:38:39 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120103BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0769
Stddev	.2436
%RSD	11.727

#1	2.3326
#2	2.0504
#3	1.8477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.4	47123.	4104.0	41.852	3853.7
Stddev	4.9	182.	29.5	.376	7.2
%RSD	.13392	.38670	.71813	.89802	.18577

#1	3619.1	47334.	4094.4	42.048	3846.7
#2	3625.5	47018.	4080.6	42.089	3853.4
#3	3628.6	47019.	4137.1	41.418	3861.0

Sample Name: CCV04 Acquired: 5/28/2019 15:47:14 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0501	4.9603	4.8246	5.0340	4.9316	9.6522	9.8599	.24633
Stddev	.0092	.0087	.0079	.0086	.0060	.0398	.0734	.00067
%RSD	.18313	.17613	.16385	.17042	.12147	.41179	.74450	.27145
#1	5.0399	4.9693	4.8306	5.0246	4.9323	9.6204	9.7911	.24631
#2	5.0579	4.9598	4.8277	5.0360	4.9253	9.6967	9.8514	.24567
#3	5.0526	4.9519	4.8157	5.0414	4.9372	9.6393	9.9372	.24700
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4276	24.883	.98497	2.4201	1.2195	4.9273	2.4702	24.431
Stddev	.0014	.063	.00235	.0022	.0024	.0111	.0015	.056
%RSD	.05761	.25145	.23897	.09174	.19603	.22449	.06048	.22914
#1	2.4287	24.812	.98555	2.4226	1.2179	4.9390	2.4709	24.475
#2	2.4260	24.911	.98237	2.4193	1.2183	4.9171	2.4685	24.450
#3	2.4280	24.928	.98697	2.4184	1.2222	4.9257	2.4712	24.368
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4495	1.2531	24.248	2.4782	2.4075	24.787	5.0513	4.8762
Stddev	.0023	.0022	.124	.0025	.0010	.154	.0086	.0390
%RSD	.09246	.17347	.51255	.09960	.04352	.62094	.17001	.79972
#1	2.4517	1.2549	24.343	2.4754	2.4084	24.898	5.0445	4.8313
#2	2.4472	1.2507	24.108	2.4789	2.4063	24.611	5.0485	4.9014
#3	2.4496	1.2539	24.294	2.4802	2.4076	24.851	5.0610	4.8959
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0214	4.9770	4.9489	5.0012	4.9264	5.097	5.0151	F 3.1583
Stddev	.0159	.0387	.0044	.0149	.0198	.002	.0282	.0725
%RSD	.31718	.77689	.08871	.29742	.40149	.0361	.56138	2.2939
#1	5.0121	5.0042	4.9469	4.9912	4.9254	5.098	5.0297	3.1357
#2	5.0398	4.9328	4.9540	4.9941	4.9072	5.094	4.9826	3.0998
#3	5.0123	4.9941	4.9459	5.0183	4.9467	5.098	5.0329	3.2393

Sample Name: CCV04 Acquired: 5/28/2019 15:47:14 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15026 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4476
Stddev 1.0392
%RSD 42.457

#1 2.0335
#2 1.6793
#3 3.6300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.1	44829.	4053.4	40.730	3411.2
Stddev	.9	140.	21.5	1.305	2.4
%RSD	.02710	.31151	.52990	3.2028	.06938

#1	3460.2	44684.	4035.3	41.794	3409.2
#2	3459.0	44963.	4077.1	41.121	3410.6
#3	3458.3	44841.	4047.8	39.274	3413.8

Sample Name: CCB04 Acquired: 5/28/2019 15:51:21 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15026 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	.00107	.00047	.00264	.00128	-.00123	.00087	-.00001
Stddev	.00090	.00035	.00073	.00038	.00058	.00308	.00054	.00002
%RSD	71.592	32.723	155.18	14.249	44.913	250.47	61.591	307.54
#1	-.00229	.00134	.00050	.00251	.00123	.00172	.00132	-.00001
#2	-.00062	.00067	-.00027	.00235	.00188	-.00098	.00103	.00001
#3	-.00086	.00119	.00119	.00306	.00073	-.00442	.00028	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01596	.00012	-.00012	-.00050	-.00171	.00008	-.02024
Stddev	.00006	.00814	.00027	.00019	.00015	.00063	.00007	.05669
%RSD	64.105	51.045	221.39	160.86	29.785	37.100	84.377	280.11
#1	.00015	-.02470	.00005	.00003	-.00066	-.00098	.00009	-.06596
#2	.00010	-.01458	.00043	-.00005	-.00043	-.00208	.00015	-.03794
#3	.00003	-.00859	-.00010	-.00033	-.00039	-.00207	.00001	.04319
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00026	.01601	-.00037	-.00030	.05738	.00092	-.01686
Stddev	.00025	.00027	.00453	.00029	.00002	.02639	.00026	.02403
%RSD	152.46	101.43	28.301	76.801	6.0337	45.981	27.783	142.50
#1	.00032	.00009	.01333	-.00008	-.00028	.02693	.00121	-.01930
#2	-.00012	.00013	.01345	-.00065	-.00029	.07348	.00074	.00829
#3	.00029	.00057	.02124	-.00039	-.00032	.07175	.00080	-.03958
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	-.00089	-.00101	.00156	.00073	.0034	.00037	F 2.2399
Stddev	.00181	.00092	.00059	.00168	.00332	.0004	.00008	.1207
%RSD	45.341	104.00	58.855	107.93	451.92	12.67	21.445	5.3884
#1	.00469	-.00002	-.00036	.00046	-.00272	.0029	.00045	2.2702
#2	.00532	-.00078	-.00153	.00350	.00103	.0035	.00039	2.1069
#3	.00193	-.00186	-.00114	.00072	.00390	.0037	.00029	2.3425

Sample Name: CCB04 Acquired: 5/28/2019 15:51:21 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15026 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7064
Stddev	.8427
%RSD	49.381

#1	1.9160
#2	2.4245
#3	.77875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.0	47072.	4093.8	43.733	3842.3
Stddev	16.1	100.	3.8	.522	15.3
%RSD	.44496	.21223	.09166	1.1943	.39718

#1	3620.8	46984.	4096.0	43.264	3833.5
#2	3641.5	47181.	4089.4	44.295	3859.9
#3	3609.8	47050.	4095.8	43.639	3833.4

Sample Name: PB120104BL Acquired: 5/28/2019 15:55:50 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120104BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00306	-.00021	-.00092	-.00012	.00130	-.01138	.00058	-.00004
Stddev	.00173	.00055	.00083	.00157	.00114	.00930	.00007	.00001
%RSD	56.641	263.87	89.789	1362.6	87.470	81.713	11.438	23.357
#1	.00345	.00037	-.00005	-.00189	.00070	-.00762	.00056	-.00005
#2	.00457	-.00073	-.00103	.00042	.00058	-.02197	.00065	-.00004
#3	.00116	-.00026	-.00169	.00112	.00261	-.00455	.00052	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00805	.00005	.00003	-.00040	-.00293	.00005	-.05483
Stddev	.00004	.00732	.00024	.00014	.00027	.00051	.00002	.04421
%RSD	459.00	90.862	495.43	478.22	68.888	17.441	32.640	80.635
#1	.00004	-.01310	.00029	.00007	-.00008	-.00352	.00004	-.01215
#2	-.00003	.00034	-.00019	-.00013	-.00053	-.00269	.00007	-.05191
#3	-.00004	-.01140	.00004	.00015	-.00058	-.00259	.00004	-.10043
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00008	.00789	-.00004	-.00031	.05545	.00007	-.02525
Stddev	.00021	.00007	.00707	.00006	.00001	.02111	.00004	.02375
%RSD	48.121	82.257	89.611	175.47	3.8488	38.077	67.418	94.090
#1	.00029	.00016	.00520	-.00011	-.00032	.03862	.00002	-.04512
#2	.00066	.00004	.00256	-.00001	-.00032	.04860	.00011	-.03168
#3	.00033	.00005	.01591	.00001	-.00030	.07914	.00007	.00106
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00255	-.00133	.00107	-.00097	.0025	.00007	F 2.2392
Stddev	.00311	.00243	.00036	.00096	.00076	.0017	.00007	.0987
%RSD	646.46	95.151	27.139	89.603	77.725	68.02	96.001	4.4070
#1	.00310	-.00107	-.00123	.00218	-.00171	.0008	.00014	2.3198
#2	-.00252	-.00123	-.00103	.00051	-.00020	.0024	-.00000	2.2687
#3	-.00202	-.00535	-.00173	.00053	-.00100	.0042	.00008	2.1292

Sample Name: PB120104BL Acquired: 5/28/2019 15:55:50 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120104BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7989
Stddev	.6038
%RSD	33.566

#1	2.4955
#2	1.4759
#3	1.4252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3631.8	47319.	4125.4	43.755	3857.7
Stddev	14.7	199.	23.1	.991	11.6
%RSD	.40450	.42074	.56007	2.2647	.30160

#1	3619.2	47140.	4109.7	44.234	3844.7
#2	3628.3	47533.	4114.6	44.416	3861.3
#3	3648.0	47283.	4151.9	42.616	3867.1

Sample Name: PB120104BS Acquired: 5/28/2019 16:00:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120104BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73244	1.8546	.89309	1.8331	.72009	1.7835	.19521
Stddev	.00172	.0030	.00084	.0046	.00125	.0167	.00173
%RSD	.23466	.16295	.09443	.25362	.17326	.93880	.88605

#1	.73049	1.8528	.89319	1.8347	.71936	1.7651	.19345
#2	.73371	1.8581	.89388	1.8368	.71937	1.7877	.19526
#3	.73312	1.8529	.89220	1.8279	.72153	1.7978	.19691

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17840	.17608	1.0053	.39217	.18457	.27725	2.9342
Stddev	.00008	.00063	.0099	.00108	.00021	.00025	.0100
%RSD	.04762	.35877	.98204	.27446	.11223	.08869	.34107

#1	.17838	.17656	.99772	.39108	.18433	.27745	2.9232
#2	.17833	.17536	1.0165	.39219	.18470	.27698	2.9366
#3	.17850	.17632	1.0018	.39323	.18468	.27732	2.9428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19652	1.8597	.46559	.06891	2.8824	.29750	.17345
Stddev	.00077	.0421	.00046	.00026	.0243	.00100	.00004
%RSD	.39009	2.2615	.09785	.37176	.84183	.33456	.02507

#1	.19619	1.8739	.46588	.06883	2.8639	.29639	.17350
#2	.19597	1.8928	.46506	.06870	2.8733	.29778	.17344
#3	.19739	1.8124	.46582	.06919	2.9099	.29831	.17342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6956	.39849	.25634	F -.00380	.86212	.63630	.19734
Stddev	.0904	.00060	.02869	.00207	.00383	.00021	.00215
%RSD	.93242	.14975	11.193	54.435	.44392	.03341	1.0901

#1	9.6397	.39866	.23689	-.00433	.86648	.63610	.19487
#2	9.6472	.39783	.24284	-.00554	.86057	.63652	.19884
#3	9.7999	.39899	.28929	-.00152	.85931	.63629	.19830

Sample Name: PB120104BS Acquired: 5/28/2019 16:00:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120104BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19845	5.185	.19369	F 2.3842	F<.00000
Stddev	.00105	.003	.00122	.0720	.18449
%RSD	.52769	.0483	.63119	3.0188	36.486
#1	.19846	5.182	.19470	2.4634	-.48746
#2	.19950	5.187	.19233	2.3229	-.69856
#3	.19740	5.186	.19405	2.3663	-.33093
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.6	48169.	4210.8	43.712	3842.4
Stddev	9.8	76.	36.6	1.101	7.0
%RSD	.26740	.15838	.86877	2.5191	.18311
#1	3640.4	48087.	4172.7	42.441	3835.8
#2	3651.4	48239.	4214.1	44.332	3841.7
#3	3659.9	48181.	4245.6	44.364	3849.8

Sample Name: PB120117BL Acquired: 5/28/2019 16:04:27 Type: Unk
Method: P4-ICP2(v3152) 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	.00086	.00100	-.00020	-.00109	.00080	-.00869	.00072	.00004
Stddev	.00213	.00128	.00060	.00114	.00088	.00437	.00074	.00011
%RSD	246.91	128.12	307.87	104.18	110.35	50.323	103.14	274.22
#1	-.00093	.00053	.00029	-.00137	.00146	-.01268	.00000	.00009
#2	.00030	.00002	-.00000	-.00206	-.00020	-.00402	.00067	-.00008
#3	.00323	.00244	-.00087	.00016	.00113	-.00938	.00148	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00012	-.00014	-.00002	-.00039	-.00257	.00003	-.04330
Stddev	.00003	.00794	.00039	.00021	.00007	.00042	.00004	.02069
%RSD	266.98	6417.5	278.59	1260.8	19.171	16.156	147.27	47.787
#1	.00000	-.00124	.00027	-.00021	-.00046	-.00305	.00007	-.05873
#2	.00004	.00866	-.00020	-.00004	-.00031	-.00228	-.00001	-.05137
#3	-.00001	-.00705	-.00049	.00021	-.00039	-.00238	.00003	-.01979
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00013	-.01242	.00005	-.00021	.01206	-.00011	-.02608
Stddev	.00006	.00015	.00192	.00026	.00004	.00553	.00011	.00361
%RSD	12.527	114.03	15.441	572.51	17.212	45.826	97.877	13.838
#1	.00041	-.00026	-.01452	.00033	-.00018	.01560	-.00000	-.02997
#2	.00051	.00004	-.01077	-.00002	-.00019	.00569	-.00022	-.02285
#3	.00041	-.00018	-.01197	-.00018	-.00025	.01489	-.00011	-.02540
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00373	-.00210	.00129	-.00045	.0024	.00007	F 2.3415
Stddev	.00036	.00144	.00033	.00133	.00161	.0010	.00005	.1179
%RSD	92.154	38.690	15.501	103.32	362.61	41.00	77.090	5.0339
#1	-.00024	-.00532	-.00179	.00103	-.00215	.0019	.00001	2.2065
#2	-.00080	-.00337	-.00206	.00272	.00106	.0035	.00010	2.3939
#3	-.00013	-.00250	-.00244	.00010	-.00025	.0017	.00008	2.4241

Sample Name: PB120117BL Acquired: 5/28/2019 16:04:27 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3760
Stddev .2932
%RSD 21.306

#1 1.0490
#2 1.4636
#3 1.6153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.1	47786.	4137.4	44.024	3864.1
Stddev	10.2	30.	23.7	2.300	5.1
%RSD	.27870	.06225	.57269	5.2239	.13118

#1	3658.8	47762.	4157.3	41.373	3869.9
#2	3642.3	47777.	4111.2	45.477	3861.0
#3	3640.3	47819.	4143.8	45.223	3861.3

Sample Name: PB120117BS Acquired: 5/28/2019 16:08:55 Type: Unk
Method: P4-ICP2(v3152) 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	.77551	1.9943	.95122	2.0045	.75875	1.8631	.20007
Stddev	.00125	.0039	.00201	.0053	.00351	.0065	.00132
%RSD	.16138	.19335	.21181	.26341	.46199	.34686	.66049

#1	.77638	1.9980	.95348	2.0081	.76193	1.8649	.20159
#2	.77408	1.9946	.94960	2.0069	.75934	1.8560	.19920
#3	.77608	1.9903	.95059	1.9984	.75499	1.8685	.19943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19671	.18928	1.0387	.40465	.19294	.29472	3.0732
Stddev	.00062	.00006	.0067	.00091	.00040	.00058	.0075
%RSD	.31542	.03433	.64326	.22380	.20890	.19640	.24375

#1	.19695	.18931	1.0380	.40427	.19340	.29478	3.0676
#2	.19601	.18921	1.0324	.40399	.19266	.29526	3.0702
#3	.19718	.18933	1.0457	.40568	.19275	.29411	3.0817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20499	1.9505	.48975	.07485	2.9821	.30343	.18670
Stddev	.00086	.0713	.00152	.00050	.0188	.00161	.00020
%RSD	.41948	3.6575	.30967	.66282	.63133	.53064	.10657

#1	.20489	2.0295	.49145	.07521	2.9785	.30405	.18687
#2	.20419	1.9313	.48924	.07429	2.9654	.30160	.18675
#3	.20590	1.8908	.48854	.07506	3.0025	.30463	.18648

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.017	.40473	.28060	F -.00241	.92342	.67956	.20550
Stddev	.043	.00112	.01900	.00388	.00361	.00062	.00073
%RSD	.42533	.27664	6.7730	161.15	.39101	.09108	.35757

#1	9.9826	.40602	.27634	-.00663	.91949	.67996	.20566
#2	10.003	.40415	.30137	-.00159	.92658	.67885	.20615
#3	10.065	.40402	.26408	.00100	.92418	.67988	.20470

Sample Name: PB120117BS Acquired: 5/28/2019 16:08:55 Type: Unk
 Method: P4-ICP2(v3152) 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	.20588	5.620	.20026	F 2.5942	F .32082
Stddev	.00269	.013	.00043	.0374	.58357
%RSD	1.3067	.2339	.21267	1.4424	181.90
#1	.20451	5.620	.19982	2.5687	.46841
#2	.20414	5.632	.20028	2.6372	-.32237
#3	.20897	5.606	.20067	2.5768	.81643
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.5	46942.	4088.7	41.975	3769.4
Stddev	5.6	200.	19.5	1.833	5.6
%RSD	.15521	.42517	.47614	4.3659	.14824
#1	3609.5	46972.	4108.3	41.377	3771.4
#2	3609.0	47124.	4088.4	44.032	3763.1
#3	3618.9	46728.	4069.4	40.516	3773.7

Sample Name: PB120117TB Acquired: 5/28/2019 16:13:01 Type: Unk
Method: P4-ICP2(v3152) 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	-.00024	-.00189	-.00017	.00514	.00088	-.00624	.00114	-.00008
Stddev	.00173	.00081	.00052	.00090	.00158	.00559	.00016	.00002
%RSD	735.68	43.021	299.88	17.430	179.65	89.686	13.749	21.818
#1	.00157	-.00106	.00008	.00496	.00097	.00020	.00114	-.00010
#2	-.00189	-.00269	.00017	.00435	.00240	-.00986	.00130	-.00008
#3	-.00038	-.00193	-.00077	.00611	-.00075	-.00905	.00099	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00414	.00095	-.00026	-.00025	.00214	.00005	-.00745
Stddev	.00005	.01149	.00017	.00007	.00013	.00059	.00006	.02529
%RSD	88.151	277.24	17.802	27.142	52.371	27.496	120.70	339.47
#1	-.00000	-.00753	.00114	-.00020	-.00025	.00147	.00005	.01816
#2	-.00007	.00453	.00089	-.00034	-.00039	.00237	.00010	-.03242
#3	-.00010	.01544	.00082	-.00024	-.00012	.00257	-.00001	-.00809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	.00120	F 305.27	-.00014	.00198	.07854	.00013	-.02193
Stddev	.00015	.00014	4.59	.00041	.00002	.01202	.00013	.01490
%RSD	10.268	11.972	1.5051	286.07	.85491	15.301	102.28	67.922
#1	.00145	.00132	300.19	-.00058	.00196	.06767	.00004	-.00621
#2	.00166	.00124	309.14	.00023	.00200	.07651	.00028	-.02375
#3	.00136	.00104	306.48	-.00007	.00198	.09144	.00007	-.03584
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00787	.00387	-.00063	.00219	-.00066	.0023	.00015	3.5248
Stddev	.00206	.00164	.00045	.00080	.00083	.0006	.00010	.0820
%RSD	26.173	42.278	70.448	36.559	126.59	26.89	64.254	2.3273
#1	.00555	.00559	-.00015	.00265	-.00116	.0022	.00026	3.4755
#2	.00950	.00233	-.00103	.00265	.00030	.0030	.00008	3.6195
#3	.00856	.00369	-.00072	.00127	-.00111	.0017	.00011	3.4793

Sample Name: PB120117TB Acquired: 5/28/2019 16:13:01 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1535
Stddev	.5609
%RSD	9.1154

#1	6.6997
#2	6.1820
#3	5.5789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.1	44197.	4117.7	42.605	3393.9
Stddev	8.6	209.	5.8	.420	5.8
%RSD	.25080	.47215	.14145	.98495	.17121

#1	3412.4	44082.	4118.9	42.945	3392.9
#2	3408.2	44071.	4122.9	42.136	3388.6
#3	3424.7	44438.	4111.4	42.734	3400.1

Sample Name: PB120048BL Acquired: 5/28/2019 16:17:37 Type: Unk
Method: P4-ICP2(v3152) 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	.00234	.00039	-.00027	.00101	.00045	-.00908	.00080	.00000
Stddev	.00126	.00049	.00050	.00228	.00023	.00802	.00050	.00006
%RSD	53.540	125.75	185.54	225.72	51.093	88.361	62.284	4041.4
#1	.00321	-.00013	.00030	.00357	.00019	-.00279	.00100	.00001
#2	.00292	.00047	-.00050	.00025	.00052	-.00634	.00023	-.00007
#3	.00090	.00084	-.00061	-.00079	.00064	-.01811	.00118	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00846	-.00007	-.00013	-.00042	-.00280	-.00001	-.01235
Stddev	.00005	.00673	.00018	.00009	.00025	.00041	.00002	.00924
%RSD	351.41	79.538	268.58	71.537	59.258	14.650	228.46	74.793
#1	-.00006	-.00101	.00014	-.00019	-.00026	-.00326	-.00002	-.00206
#2	.00005	-.01027	-.00017	-.00017	-.00030	-.00263	-.00003	-.01994
#3	-.00003	-.01411	-.00017	-.00002	-.00071	-.00250	.00002	-.01506
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00016	.07215	.00012	-.00037	.05058	-.00026	-.02553
Stddev	.00030	.00034	.00034	.00025	.00004	.01417	.00022	.00679
%RSD	515.54	214.96	.47014	209.67	10.738	28.012	83.109	26.585
#1	.00006	-.00017	.07209	.00039	-.00035	.04538	-.00034	-.02192
#2	-.00040	.00013	.07252	-.00008	-.00035	.06662	-.00043	-.03336
#3	.00016	.00050	.07185	.00004	-.00042	.03975	-.00002	-.02131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	-.00260	-.00197	.00062	-.00037	.0019	.00011	F 2.3165
Stddev	.00152	.00088	.00006	.00151	.00187	.0006	.00005	.1490
%RSD	167.66	33.917	2.9716	243.43	499.51	30.49	50.309	6.4308
#1	-.00018	-.00322	-.00191	.00233	-.00242	.0024	.00014	2.4499
#2	.00011	-.00159	-.00202	.00008	.00124	.0013	.00013	2.1557
#3	-.00266	-.00298	-.00198	-.00054	.00006	.0019	.00004	2.3440

Sample Name: PB120048BL Acquired: 5/28/2019 16:17:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3943
Stddev	.2357
%RSD	9.8437

#1	2.6070
#2	2.1409
#3	2.4349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.8	47192.	4132.3	42.955	3839.4
Stddev	13.5	29.	2.5	1.771	8.3
%RSD	.37302	.06173	.06036	4.1227	.21716

#1	3619.1	47205.	4135.1	42.743	3837.3
#2	3606.7	47159.	4131.6	44.823	3832.3
#3	3633.7	47213.	4130.3	41.300	3848.6

Sample Name: PB120048BS Acquired: 5/28/2019 16:22:04 Type: Unk
Method: P4-ICP2(v3152) 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	.77707	1.9931	.95087	2.0057	.75700	1.8527	.19804
Stddev	.00303	.0031	.00152	.0034	.00212	.0176	.00123
%RSD	.38932	.15460	.15935	.17083	.27951	.95065	.62228

#1	.78029	1.9898	.95248	2.0096	.75930	1.8610	.19815
#2	.77661	1.9935	.95066	2.0044	.75513	1.8325	.19675
#3	.77429	1.9960	.94947	2.0031	.75657	1.8647	.19921

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19674	.18933	1.0421	.40498	.19263	.29471	3.0668
Stddev	.00031	.00034	.0123	.00135	.00040	.00109	.0049
%RSD	.15548	.17897	1.1806	.33382	.20851	.37114	.15948

#1	.19649	.18959	1.0388	.40343	.19235	.29549	3.0619
#2	.19708	.18895	1.0318	.40589	.19245	.29518	3.0716
#3	.19664	.18946	1.0558	.40563	.19309	.29346	3.0668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20440	1.9703	.49061	.07468	2.9964	.30338	.18663
Stddev	.00045	.0777	.00055	.00064	.0216	.00105	.00034
%RSD	.21961	3.9443	.11245	.85976	.72191	.34727	.18422

#1	.20448	1.8924	.49125	.07532	2.9868	.30341	.18640
#2	.20392	1.9708	.49028	.07467	2.9813	.30232	.18646
#3	.20481	2.0478	.49031	.07404	3.0212	.30442	.18702

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9152	.40395	.27571	F -.00355	.92150	.67954	.20559
Stddev	.0896	.00043	.00694	.00241	.00921	.00020	.00084
%RSD	.90331	.10721	2.5155	67.701	.99984	.02921	.40678

#1	9.8480	.40365	.27852	-.00254	.91195	.67969	.20480
#2	9.8808	.40445	.26781	-.00630	.93034	.67961	.20551
#3	10.017	.40375	.28079	-.00182	.92220	.67931	.20646

Sample Name: PB120048BS Acquired: 5/28/2019 16:22:04 Type: Unk
Method: P4-ICP2(v3152) 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	.20566	F 5.621	F .19969	2.7786	.83044
Stddev	.00243	.006	.00071	.0737	.34511
%RSD	1.1811	.1067	.35506	2.6530	41.557

#1	.20350	5.616	.19889	2.8257	.78250
#2	.20518	5.628	.19992	2.6936	.51181
#3	.20829	5.619	.20025	2.8165	1.1970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.3	46624.	4030.8	42.070	3752.2
Stddev	13.1	182.	13.6	1.548	10.1
%RSD	.36361	.38949	.33652	3.6802	.26856

#1	3586.2	46443.	4035.0	43.739	3740.6
#2	3602.7	46807.	4015.6	41.793	3757.3
#3	3612.0	46622.	4041.8	40.680	3758.7

Sample Name: PB120048TB Acquired: 5/28/2019 16:26:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00343	-.00017	.00034	.00161	.00892	.00081	-.00006
Stddev	.00182	.00187	.00033	.00146	.00214	.00499	.00022	.00003
%RSD	358.15	54.597	200.40	432.27	133.50	56.012	26.933	55.412
#1	-.00093	-.00556	.00017	.00178	.00293	.00334	.00099	-.00005
#2	.00255	-.00269	-.00049	.00038	.00276	.01044	.00089	-.00003
#3	-.00010	-.00204	-.00018	-.00114	-.00087	.01297	.00057	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00576	.00083	-.00028	-.00047	.00313	.00006	-.03190
Stddev	.00005	.00847	.00009	.00023	.00029	.00054	.00005	.02420
%RSD	88.798	147.14	10.887	84.071	62.129	17.212	88.073	75.883
#1	-.00011	-.01373	.00090	-.00054	-.00079	.00370	.00003	-.04928
#2	-.00001	-.00667	.00073	-.00011	-.00021	.00304	.00003	-.00425
#3	-.00005	.00313	.00087	-.00017	-.00042	.00263	.00012	-.04216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00142	F 302.88	.00044	.01280	.06694	.00019	-.01147
Stddev	.00023	.00025	.43	.00014	.00095	.00059	.00013	.00300
%RSD	12.731	17.798	.14086	32.657	7.4254	.88029	67.621	26.118
#1	.00206	.00171	302.47	.00031	.01375	.06681	.00020	-.00841
#2	.00169	.00124	303.32	.00043	.01280	.06758	.00031	-.01440
#3	.00164	.00131	302.85	.00059	.01185	.06642	.00006	-.01159
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00795	.00318	-.00091	.00116	-.00031	.0033	.00011	3.4228
Stddev	.00170	.00153	.00027	.00181	.00146	.0016	.00006	.0968
%RSD	21.386	48.081	29.860	155.83	469.62	50.02	53.776	2.8290
#1	.00842	.00456	-.00081	.00120	-.00151	.0014	.00017	3.5177
#2	.00936	.00343	-.00070	-.00067	-.00075	.0038	.00011	3.3242
#3	.00606	.00154	-.00122	.00295	.00132	.0046	.00005	3.4265

Sample Name: PB120048TB Acquired: 5/28/2019 16:26:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3792
Stddev	.4983
%RSD	7.8115

#1	6.9196
#2	5.9379
#3	6.2802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.0	44057.	4103.0	43.285	3405.8
Stddev	10.2	10.	28.4	1.326	5.1
%RSD	.29747	.02176	.69108	3.0632	.14926

#1	3437.6	44068.	4094.1	42.732	3411.7
#2	3417.3	44049.	4134.7	44.798	3402.4
#3	3428.9	44054.	4080.1	42.325	3403.4

Sample Name: PB120103BS Acquired: 5/28/2019 16:30:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120103BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74345	1.8778	.90515	1.8490	.72806	1.8150	.19591
Stddev	.00494	.0044	.00334	.0094	.00145	.0149	.00177
%RSD	.66449	.23438	.36864	.50975	.19948	.82238	.90167

#1	.74168	1.8799	.90136	1.8529	.72723	1.8003	.19446
#2	.74903	1.8727	.90642	1.8559	.72974	1.8143	.19540
#3	.73963	1.8807	.90766	1.8383	.72722	1.8302	.19788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18141	.17874	1.0184	.40049	.18689	.28128	2.9882
Stddev	.00039	.00089	.0072	.00061	.00030	.00023	.0086
%RSD	.21296	.49589	.70754	.15175	.16182	.08263	.28662

#1	.18101	.17928	1.0140	.40116	.18724	.28154	2.9813
#2	.18178	.17772	1.0146	.39999	.18671	.28110	2.9978
#3	.18144	.17923	1.0267	.40031	.18672	.28121	2.9856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19978	1.9342	.47159	.07099	2.9662	.30094	.17588
Stddev	.00055	.0614	.00054	.00056	.0282	.00079	.00016
%RSD	.27396	3.1760	.11505	.78387	.95175	.26415	.08920

#1	.19922	1.8953	.47202	.07039	2.9445	.30150	.17596
#2	.20031	1.9023	.47098	.07149	2.9561	.30129	.17570
#3	.19982	2.0051	.47178	.07111	2.9981	.30003	.17598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6875	.40323	.26339	F -.00371	.89476	.64671	.20053
Stddev	.0962	.00047	.00701	.00245	.00489	.00177	.00144
%RSD	.99311	.11750	2.6627	66.096	.54697	.27412	.71811

#1	9.6121	.40287	.26472	-.00509	.90016	.64853	.19890
#2	9.6544	.40376	.25581	-.00088	.89351	.64662	.20161
#3	9.7958	.40305	.26964	-.00515	.89061	.64498	.20108

Sample Name: PB120103BS Acquired: 5/28/2019 16:30:47 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120103BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20377	5.255	.19746	F 2.5352	F .14643
Stddev	.00037	.016	.00066	.0785	.61982
%RSD	.18065	.3019	.33608	3.0963	423.28
#1	.20378	5.272	.19741	2.4520	-.47826
#2	.20413	5.241	.19682	2.6079	.76126
#3	.20340	5.252	.19815	2.5458	.15630
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.3	46901.	4045.5	42.213	3750.1
Stddev	6.4	122.	32.1	1.153	7.3
%RSD	.17972	.26089	.79454	2.7320	.19450
#1	3561.0	46766.	4013.0	41.727	3741.7
#2	3560.1	46934.	4046.1	41.382	3755.0
#3	3571.6	47004.	4077.3	43.530	3753.5

Sample Name: K3041-07 Acquired: 5/28/2019 16:34:53 Type: Unk
Method: P4-ICP2(v3152) 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	.20737	.00011	5.7358	.00190	.04529	58.248	5.5904
Stddev	.00218	.00155	.0100	.00065	.00230	.161	.0115
%RSD	1.0515	1457.0	.17362	34.101	5.0713	.27723	.20621

#1	.20899	.00163	5.7467	.00170	.04599	58.129	5.5835
#2	.20824	-.00148	5.7334	.00138	.04716	58.183	5.5841
#3	.20489	.00017	5.7273	.00263	.04273	58.432	5.6037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01817	.02002	262.04	.75440	.32317	8.6085	268.00
Stddev	.00028	.00012	1.75	.00149	.00124	.0143	.72
%RSD	1.5584	.61588	.66950	.19774	.38389	.16630	.26860

#1	.01785	.02011	260.95	.75347	.32458	8.6213	267.22
#2	.01838	.01988	264.07	.75361	.32227	8.5930	268.64
#3	.01829	.02007	261.11	.75612	.32264	8.6111	268.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8674	148.53	1.0298	-.01209	42.169	.21036	22.545
Stddev	.0058	.44	.0013	.00027	.083	.00072	.035
%RSD	.14961	.29848	.12580	2.2741	.19618	.34211	.15368

#1	3.8697	148.03	1.0306	-.01225	42.169	.20953	22.585
#2	3.8717	148.70	1.0283	-.01177	42.087	.21073	22.524
#3	3.8608	148.86	1.0304	-.01225	42.252	.21081	22.526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0510	.01365	.27959	9.4260	4.9432	.27904	2.4978
Stddev	.0062	.00073	.00546	.0028	.0391	.00106	.0177
%RSD	.06884	5.3268	1.9525	.02974	.79004	.37875	.70845

#1	9.0559	.01374	.28537	9.4270	4.9188	.27997	2.4783
#2	9.0531	.01288	.27889	9.4281	4.9883	.27789	2.5129
#3	9.0440	.01433	.27452	9.4228	4.9226	.27925	2.5022

Sample Name: K3041-07 Acquired: 5/28/2019 16:34:53 Type: Unk
Method: P4-ICP2(v3152) 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	.12464	4.746	.39172	1.3700	F<.00000
Stddev	.00114	.013	.00213	.1296	.79015
%RSD	.91102	.2625	.54446	9.4586	3.0811
#1	.12437	4.744	.39091	1.4219	-25.126
#2	.12589	4.735	.39414	1.4657	-25.255
#3	.12367	4.760	.39010	1.2226	-26.554
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.0	46580.	4454.0	40.603	3045.7
Stddev	5.2	13.	28.7	.298	2.9
%RSD	.14977	.02733	.64536	.73422	.09468
#1	3500.9	46576.	4460.5	40.507	3047.3
#2	3501.2	46570.	4422.6	40.365	3047.5
#3	3492.0	46594.	4479.0	40.938	3042.4

Sample Name: CCV05 Acquired: 5/28/2019 16:39:08 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1593	5.0311	4.8775	5.1099	4.9918	9.8306	10.071	.25040
Stddev	.0107	.0123	.0038	.0068	.0026	.0419	.090	.00017
%RSD	.20764	.24390	.07707	.13266	.05227	.42608	.89856	.06769
#1	5.1704	5.0356	4.8734	5.1092	4.9915	9.7971	9.9680	.25047
#2	5.1490	5.0404	4.8806	5.1035	4.9893	9.8775	10.139	.25021
#3	5.1586	5.0172	4.8786	5.1170	4.9945	9.8171	10.104	.25053
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4598	25.311	1.0070	2.4569	1.2425	5.0228	2.5140	25.079
Stddev	.0026	.036	.0025	.0020	.0008	.0138	.0048	.132
%RSD	.10718	.14422	.24487	.08212	.06377	.27431	.19227	.52467
#1	2.4568	25.269	1.0099	2.4568	1.2427	5.0332	2.5170	24.964
#2	2.4618	25.330	1.0057	2.4590	1.2432	5.0072	2.5085	25.223
#3	2.4609	25.334	1.0055	2.4550	1.2417	5.0280	2.5166	25.052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4909	1.2833	24.854	2.5311	2.4332	25.314	5.1470	5.0217
Stddev	.0011	.0018	.057	.0031	.0013	.042	.0052	.0461
%RSD	.04414	.14294	.22816	.12105	.05330	.16634	.10025	.91868
#1	2.4902	1.2849	24.789	2.5335	2.4317	25.265	5.1438	5.0107
#2	2.4921	1.2813	24.892	2.5277	2.4336	25.338	5.1443	5.0724
#3	2.4903	1.2836	24.881	2.5322	2.4342	25.338	5.1530	4.9822
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1300	5.0794	5.0351	5.0822	4.9992	5.186	5.0810	F 3.3047
Stddev	.0177	.0206	.0012	.0202	.0383	.004	.0296	.1751
%RSD	.34569	.40563	.02336	.39652	.76695	.0763	.58238	5.2976
#1	5.1276	5.0810	5.0342	5.0669	4.9956	5.182	5.0797	3.3247
#2	5.1489	5.0581	5.0364	5.0746	4.9628	5.190	5.0521	3.1205
#3	5.1136	5.0992	5.0346	5.1050	5.0393	5.185	5.1112	3.4689

Sample Name: CCV05 Acquired: 5/28/2019 16:39:08 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9648
Stddev .1329
%RSD 4.4840

#1 2.8193
#2 3.0799
#3 2.9953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.9	43940.	3982.9	40.276	3360.3
Stddev	5.6	121.	28.7	.122	5.4
%RSD	.16328	.27428	.72159	.30217	.15932

#1	3400.5	43816.	3958.8	40.200	3356.2
#2	3410.5	43948.	4014.7	40.417	3358.4
#3	3409.8	44056.	3975.3	40.212	3366.4

Sample Name: CCB05 Acquired: 5/28/2019 16:43:15 Type: Unk
Method: P4-ICP2(v3152) 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	.00128	.00149	.00022	-.00048	.00095	-.01023	.00055	.00005
Stddev	.00112	.00090	.00050	.00124	.00044	.01167	.00021	.00003
%RSD	87.246	60.484	227.07	260.07	46.361	114.08	39.112	64.689
#1	.00074	.00062	-.00017	-.00184	.00089	-.02063	.00052	.00002
#2	.00054	.00143	.00004	-.00017	.00054	.00240	.00035	.00004
#3	.00256	.00242	.00078	.00058	.00141	-.01247	.00078	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00107	-.00004	-.00007	-.00018	-.00067	.00008	-.01838
Stddev	.00004	.01279	.00033	.00007	.00010	.00035	.00007	.02346
%RSD	114.41	1194.2	891.09	106.19	56.303	53.071	82.228	127.65
#1	.00001	-.00978	.00032	-.00015	-.00014	-.00026	.00008	.00860
#2	.00007	-.00219	-.00033	-.00005	-.00010	-.00089	.00015	-.02975
#3	.00002	.01518	-.00010	-.00001	-.00030	-.00085	.00002	-.03399
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00006	.00446	.00024	.00023	.03839	.00060	-.02012
Stddev	.00024	.00022	.00235	.00029	.00009	.01428	.00024	.00180
%RSD	330.45	391.51	52.781	117.61	39.895	37.202	40.475	8.9406
#1	.00020	.00011	.00188	.00033	.00029	.02416	.00086	-.02011
#2	-.00026	-.00019	.00501	-.00008	.00029	.03829	.00054	-.01832
#3	-.00016	.00024	.00649	.00047	.00013	.05273	.00039	-.02192
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	-.00212	-.00121	-.00061	.00101	.0018	.00027	F 2.4474
Stddev	.00231	.00044	.00008	.00095	.00094	.0014	.00005	.1392
%RSD	100.43	20.941	6.7514	154.37	92.613	75.07	16.949	5.6884
#1	.00250	-.00197	-.00126	.00048	.00067	.0032	.00031	2.5388
#2	.00450	-.00262	-.00126	-.00116	.00207	.0018	.00022	2.5162
#3	-.00011	-.00177	-.00112	-.00116	.00029	.0005	.00028	2.2872

Sample Name: CCB05 Acquired: 5/28/2019 16:43:15 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6680
Stddev .2141
%RSD 12.838

#1 1.9118
#2 1.5102
#3 1.5822

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.1	46304.	4011.8	42.252	3782.1
Stddev	2.4	267.	25.5	.768	2.5
%RSD	.06628	.57589	.63662	1.8172	.06603

#1	3574.7	46243.	3998.3	41.761	3779.5
#2	3571.5	46073.	3995.8	41.857	3782.4
#3	3570.1	46596.	4041.2	43.136	3784.4

Sample Name: K3041-11 Acquired: 5/28/2019 16:47:44 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07652	-.00027	5.8358	.00801	.01219	50.772	.88706
Stddev	.00225	.00200	.0049	.00272	.00113	.427	.00615
%RSD	2.9411	745.00	.08408	33.974	9.2622	.84137	.69340

#1	.07539	-.00232	5.8403	.00678	.01108	50.282	.88003
#2	.07506	-.00016	5.8365	.01113	.01334	51.063	.89143
#3	.07911	.00168	5.8306	.00612	.01214	50.971	.88973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00817	-.00113	176.80	.87356	.06562	.58506	130.21
Stddev	.00026	.00021	.21	.00390	.00026	.00063	1.04
%RSD	3.1606	18.350	.11696	.44591	.39045	.10836	.79811

#1	.00800	-.00090	176.61	.87230	.06588	.58492	129.03
#2	.00804	-.00130	176.77	.87045	.06537	.58576	130.97
#3	.00847	-.00121	177.02	.87793	.06562	.58451	130.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2924	59.980	.14533	-.00225	21.619	.13771	1.1512
Stddev	.0035	.578	.00015	.00045	.129	.00011	.0018
%RSD	.10677	.96372	.10241	19.981	.59859	.08170	.15677

#1	3.2922	59.317	.14550	-.00241	21.472	.13758	1.1526
#2	3.2889	60.380	.14528	-.00175	21.715	.13778	1.1518
#3	3.2959	60.243	.14522	-.00261	21.670	.13777	1.1492

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.537	.01046	.23292	F 45.254	2.9318	.29019	1.0279
Stddev	.050	.00020	.01994	.129	.0093	.00074	.0087
%RSD	.47205	1.8643	8.5604	.28460	.31685	.25494	.84795

#1	10.481	.01040	.25326	45.237	2.9424	.28954	1.0182
#2	10.575	.01068	.21341	45.390	2.9251	.29003	1.0305
#3	10.556	.01031	.23209	45.134	2.9280	.29099	1.0350

Sample Name: K3041-11 Acquired: 5/28/2019 16:47:44 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10632	F 31.22	.24253	1.4120	F<.00000
Stddev	.00080	.06	.00066	.1250	.61616
%RSD	.74995	.2068	.27047	8.8500	8.4269
#1	.10658	31.25	.24319	1.5559	-7.0838
#2	.10543	31.26	.24251	1.3496	-6.8422
#3	.10696	31.15	.24188	1.3306	-8.0095
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.6	48273.	4594.3	41.471	3247.6
Stddev	3.4	202.	19.1	.517	4.6
%RSD	.09285	.41917	.41556	1.2463	.14242
#1	3671.7	48491.	4582.0	41.753	3243.5
#2	3665.0	48235.	4616.3	41.787	3246.7
#3	3669.1	48092.	4584.7	40.875	3252.7

Sample Name: K3051-02 Acquired: 5/28/2019 16:52:02 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07235	-.01197	.43788	-.00125	.00568	64.276	5.1614
Stddev	.00125	.00054	.00099	.00113	.00070	.552	.0407
%RSD	1.7257	4.5399	.22583	90.878	12.296	.85824	.78873

#1	.07362	-.01221	.43893	-.00255	.00554	63.657	5.1159
#2	.07113	-.01135	.43696	-.00050	.00644	64.716	5.1944
#3	.07229	-.01235	.43774	-.00068	.00506	64.455	5.1738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01274	.00157	65.264	.15805	.10442	.33869	199.05
Stddev	.00011	.00016	.435	.00039	.00034	.00032	.90
%RSD	.86454	10.254	.66657	.24575	.32775	.09354	.44995

#1	.01286	.00176	65.213	.15762	.10405	.33906	198.90
#2	.01273	.00145	64.856	.15837	.10472	.33848	198.24
#3	.01264	.00151	65.722	.15817	.10448	.33854	200.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9647	41.685	.16753	-.00982	2.9667	.34178	.87053
Stddev	.0029	.262	.00044	.00012	.0226	.00203	.00093
%RSD	.14520	.62799	.26081	1.1858	.76030	.59431	.10663

#1	1.9642	41.382	.16714	-.00982	2.9416	.34004	.87151
#2	1.9620	41.833	.16800	-.00970	2.9853	.34128	.86967
#3	1.9677	41.839	.16745	-.00993	2.9732	.34401	.87041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.338	.01131	.59723	F 17.446	3.0842	.04008	3.7288
Stddev	.114	.00018	.00932	.033	.0529	.00010	.0129
%RSD	1.0092	1.6074	1.5604	.19053	1.7155	.25969	.34595

#1	11.212	.01152	.59334	17.463	3.1310	.04020	3.7308
#2	11.435	.01117	.60786	17.466	3.0268	.04003	3.7150
#3	11.366	.01125	.59048	17.407	3.0948	.04001	3.7406

Sample Name: K3051-02 Acquired: 5/28/2019 16:52:02 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08059	F 11.46	.06792	<.00000	F<.00000
Stddev	.00050	.01	.00046	.07222	.40108
%RSD	.62398	.0816	.67970	4.6474	1.7319
#1	.08058	11.47	.06810	-1.4766	-23.191
#2	.08010	11.46	.06740	-1.6196	-22.742
#3	.08110	11.46	.06827	-1.5657	-23.543
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4255.6	55873.	5167.4	40.579	3295.0
Stddev	11.7	98.	44.2	.875	3.8
%RSD	.27418	.17534	.85454	2.1561	.11680
#1	4242.4	55869.	5129.8	40.997	3291.3
#2	4264.5	55777.	5216.0	39.573	3299.0
#3	4259.9	55973.	5156.4	41.165	3294.6

Sample Name: K3051-04 Acquired: 5/28/2019 16:56:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04818	-.00037	.29067	.00049	.00649	91.495	3.2846
Stddev	.00131	.00141	.00110	.00104	.00084	.814	.0222
%RSD	2.7267	380.66	.38012	212.60	13.008	.88923	.67423

#1	.04967	-.00199	.28977	.00024	.00657	90.629	3.2598
#2	.04721	.00025	.29190	-.00040	.00562	91.614	3.2916
#3	.04765	.00063	.29033	.00163	.00730	92.243	3.3024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01659	.00282	26.000	.28338	.07554	.43249	205.12
Stddev	.00025	.00020	.096	.00039	.00026	.00173	.62
%RSD	1.4869	7.0387	.36916	.13679	.34490	.40111	.30373

#1	.01672	.00302	25.914	.28383	.07585	.43438	204.43
#2	.01674	.00281	25.982	.28313	.07540	.43211	205.27
#3	.01630	.00262	26.103	.28319	.07539	.43098	205.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1005	30.819	.20629	-.00744	2.2590	.48051	1.8672
Stddev	.0052	.120	.00025	.00037	.0137	.00255	.0030
%RSD	.24803	.38953	.12051	5.0146	.60492	.53036	.16236

#1	2.1020	30.682	.20633	-.00780	2.2436	.47839	1.8706
#2	2.1048	30.871	.20651	-.00705	2.2639	.47981	1.8648
#3	2.0947	30.904	.20602	-.00746	2.2696	.48334	1.8661

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.427	.00472	.20091	4.8800	4.2652	.02125	2.5536
Stddev	.071	.00031	.00331	.0235	.0649	.00029	.0114
%RSD	.43193	6.5514	1.6468	.48086	1.5225	1.3757	.44439

#1	16.346	.00506	.19918	4.9015	4.2624	.02159	2.5416
#2	16.459	.00462	.20472	4.8550	4.2017	.02104	2.5549
#3	16.476	.00447	.19882	4.8836	4.3315	.02114	2.5642

Sample Name: K3051-04 Acquired: 5/28/2019 16:56:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13812	5.236	.04380	<.00000	F<.00000
Stddev	.00112	.013	.00059	.05454	.57524
%RSD	.80797	.2508	1.3545	496.35	2.9719
#1	.13687	5.249	.04343	-.04979	-18.728
#2	.13850	5.236	.04348	.05137	-19.482
#3	.13900	5.222	.04448	-.03455	-19.858
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.3	50892.	4679.6	41.291	3373.7
Stddev	12.6	151.	21.2	1.488	10.5
%RSD	.32105	.29605	.45283	3.6031	.31214
#1	3915.1	50831.	4658.5	42.412	3362.2
#2	3926.4	50782.	4679.5	41.857	3375.8
#3	3940.3	51064.	4700.8	39.603	3382.9

Sample Name: K3052-01 Acquired: 5/28/2019 17:00:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05989	-.01388	.97354	-.01223	.00912	119.04	1.0545
Stddev	.00197	.00097	.00115	.00214	.00090	1.11	.0115
%RSD	3.2931	7.0008	.11776	17.487	9.8959	.93485	1.0900

#1	.05841	-.01375	.97446	-.01426	.00897	117.83	1.0420
#2	.06213	-.01298	.97389	-.01242	.01008	120.02	1.0646
#3	.05914	-.01491	.97225	-.00999	.00830	119.27	1.0570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01455	.00266	694.96	.29869	.12050	.55911	194.95
Stddev	.00016	.00025	2.11	.00116	.00040	.00165	1.43
%RSD	1.1308	9.4674	.30300	.38701	.33152	.29520	.73585

#1	.01454	.00294	694.36	.29737	.12095	.56076	193.32
#2	.01472	.00249	693.23	.29952	.12037	.55912	196.02
#3	.01439	.00254	697.30	.29919	.12019	.55746	195.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1128	207.48	.55023	-.01026	9.0512	.54610	1.4324
Stddev	.0158	1.99	.00093	.00015	.0931	.00109	.0048
%RSD	.38305	.95911	.16829	1.5001	1.0286	.19931	.33219

#1	4.1197	205.41	.55124	-.01030	8.9493	.54547	1.4351
#2	4.0948	209.37	.55002	-.01009	9.1319	.54736	1.4352
#3	4.1239	207.65	.54942	-.01039	9.0723	.54547	1.4269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.261	.01352	.25685	F 28.926	1.4239	.06946	4.7260
Stddev	.175	.00031	.01487	.160	.0522	.00110	.0037
%RSD	1.0125	2.2806	5.7883	.55475	3.6698	1.5790	.07864

#1	17.071	.01335	.25914	29.051	1.4055	.06998	4.7221
#2	17.416	.01387	.24097	28.981	1.4828	.06820	4.7295
#3	17.296	.01333	.27044	28.745	1.3833	.07020	4.7262

Sample Name: K3052-01 Acquired: 5/28/2019 17:00:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16182	7.305	1.3575	.99269	F<.00000
Stddev	.00069	.015	.0019	.16463	.85907
%RSD	.42490	.2015	.14359	16.585	6.0565
#1	.16203	7.310	1.3583	1.1825	-13.955
#2	.16237	7.316	1.3553	.90635	-15.135
#3	.16105	7.288	1.3589	.88918	-13.463
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.1	47563.	4739.9	38.143	2827.6
Stddev	8.2	135.	36.8	2.279	10.2
%RSD	.22488	.28400	.77601	5.9756	.36144
#1	3622.5	47702.	4701.3	35.648	2819.5
#2	3622.3	47432.	4774.6	38.663	2824.2
#3	3636.5	47555.	4743.7	40.117	2839.1

Sample Name: K3052-01DUP Acquired: 5/28/2019 17:05:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06502	-.01262	.98452	-.01301	.00783	121.10	1.0613
Stddev	.00117	.00044	.00239	.00342	.00208	.25	.0055
%RSD	1.7960	3.4737	.24243	26.281	26.592	.20540	.51477

#1	.06579	-.01252	.98577	-.01591	.00543	120.95	1.0585
#2	.06368	-.01223	.98176	-.01388	.00910	121.39	1.0676
#3	.06560	-.01309	.98602	-.00924	.00896	120.97	1.0577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01416	.00233	690.46	.29211	.12157	.53180	192.22
Stddev	.00015	.00012	4.17	.00042	.00028	.00178	.96
%RSD	1.0309	5.0129	.60340	.14515	.22736	.33468	.50094

#1	.01419	.00246	687.59	.29185	.12162	.53346	191.92
#2	.01429	.00223	688.56	.29189	.12127	.53203	191.44
#3	.01401	.00232	695.24	.29260	.12182	.52992	193.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0890	208.42	.55118	-.01001	9.0689	.54694	1.4490
Stddev	.0178	1.06	.00209	.00042	.0361	.00080	.0023
%RSD	.43585	.50693	.37988	4.1661	.39811	.14542	.15966

#1	4.0684	207.24	.55254	-.00997	9.0398	.54612	1.4511
#2	4.0985	209.29	.54877	-.00962	9.1093	.54770	1.4465
#3	4.1000	208.72	.55223	-.01045	9.0577	.54701	1.4494

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.760	.01143	.25015	F 27.754	1.4719	.05954	4.8592
Stddev	.052	.00026	.02093	.057	.0230	.00159	.0104
%RSD	.29117	2.2815	8.3665	.20668	1.5595	2.6740	.21320

#1	17.756	.01160	.22635	27.808	1.4797	.05924	4.8533
#2	17.813	.01156	.25844	27.762	1.4461	.06126	4.8530
#3	17.710	.01113	.26566	27.694	1.4900	.05811	4.8711

Sample Name: K3052-01DUP Acquired: 5/28/2019 17:05:13 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16698	7.430	1.3436	.98251	F<.00000
Stddev	.00048	.007	.0053	.16052	.93450
%RSD	.28909	.0909	.39422	16.338	7.0115
#1	.16642	7.434	1.3421	.83661	-12.655
#2	.16718	7.435	1.3392	1.1545	-14.395
#3	.16732	7.423	1.3495	.95646	-12.934
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.9	47584.	4749.4	37.317	2829.9
Stddev	7.8	63.	41.9	1.492	5.3
%RSD	.21396	.13255	.88220	3.9984	.18655
#1	3637.9	47559.	4745.5	39.010	2826.6
#2	3645.7	47656.	4793.2	36.195	2836.0
#3	3630.1	47538.	4709.6	36.745	2827.0

Sample Name: K3052-01LX5 Acquired: 5/28/2019 17:09:40 Type: Unk
Method: P4-ICP2(v3152) 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	.01897	-.00051	.19678	.00103	.00153	25.892	.22935	.00309
Stddev	.00196	.00113	.00107	.00543	.00036	.120	.00019	.00009
%RSD	10.355	222.88	.54619	526.53	23.255	.46385	.08337	2.9576

#1	.02096	.00010	.19708	-.00482	.00188	25.867	.22913	.00303
#2	.01703	-.00181	.19559	.00202	.00156	25.787	.22948	.00305
#3	.01893	.00019	.19768	.00590	.00117	26.023	.22944	.00320

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	164.31	.06898	.02383	.12345	52.210	.98198	46.101
Stddev	.00005	.78	.00033	.00020	.00070	.109	.00073	.070
%RSD	3.5827	.47272	.48488	.84753	.57000	.20785	.07389	.15180

#1	-.00148	165.17	.06866	.02406	.12359	52.108	.98131	46.171
#2	-.00138	164.11	.06895	.02368	.12269	52.324	.98188	46.102
#3	-.00144	163.66	.06932	.02375	.12407	52.198	.98275	46.031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10933	-.00117	1.8981	.12684	.26893	3.7597	.00267	.04333
Stddev	.00023	.00046	.0098	.00057	.00028	.0324	.00031	.01215
%RSD	.20970	39.479	.51401	.45186	.10441	.86287	11.483	28.052

#1	.10912	-.00072	1.8902	.12651	.26899	3.7224	.00237	.05400
#2	.10929	-.00116	1.8950	.12651	.26918	3.7814	.00298	.04589
#3	.10958	-.00164	1.9090	.12750	.26863	3.7753	.00267	.03010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1727	.35355	.01186	1.1396	.03548	1.393	.30730	2.4598
Stddev	.0168	.01021	.00112	.0034	.00060	.002	.00141	.0575
%RSD	.32403	2.8871	9.4713	.29663	1.6972	.1135	.45778	2.3362

#1	5.1817	.36496	.01057	1.1393	.03544	1.394	.30873	2.3944
#2	5.1831	.34527	.01245	1.1432	.03610	1.393	.30592	2.5022
#3	5.1534	.35043	.01258	1.1364	.03490	1.391	.30724	2.4828

Sample Name: K3052-01LX5 Acquired: 5/28/2019 17:09:40 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .47735
%RSD 65.274

#1 -1.1790
#2 -.22903
#3 -.78586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.2	44888.	4162.8	40.342	3294.4
Stddev	2.3	168.	32.3	1.039	6.8
%RSD	.06626	.37318	.77599	2.5742	.20768

#1	3460.7	44696.	4125.9	40.914	3289.4
#2	3461.1	44969.	4176.4	39.144	3291.5
#3	3464.9	45000.	4186.1	40.969	3302.2

Sample Name: K3052-01MS Acquired: 5/28/2019 17:14:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77212	1.9451	1.9480	1.7509	.15810	130.70	1.3093
Stddev	.00196	.0021	.0030	.0102	.00171	.40	.0041
%RSD	.25405	.10557	.15522	.58276	1.0816	.30779	.31415

#1	.77352	1.9431	1.9445	1.7391	.15617	131.02	1.3111
#2	.77296	1.9451	1.9499	1.7560	.15869	130.25	1.3045
#3	.76988	1.9472	1.9497	1.7574	.15943	130.83	1.3121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19637	.20050	727.79	.61243	.32610	.77447	181.70
Stddev	.00103	.00101	.46	.00240	.00050	.00185	1.14
%RSD	.52408	.50281	.06324	.39235	.15376	.23930	.62797

#1	.19738	.19981	727.33	.61209	.32552	.77234	181.56
#2	.19642	.20003	727.80	.61022	.32632	.77564	180.64
#3	.19532	.20165	728.25	.61498	.32645	.77544	182.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8462	233.24	1.0419	.05881	13.117	.79655	1.6937
Stddev	.0063	.06	.0013	.00009	.031	.00237	.0059
%RSD	.16506	.02554	.12319	.15091	.23284	.29741	.34655

#1	3.8535	233.23	1.0410	.05891	13.113	.79627	1.6897
#2	3.8430	233.31	1.0433	.05880	13.088	.79434	1.6909
#3	3.8421	233.19	1.0413	.05873	13.149	.79905	1.7004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.089	.34465	.51652	F 31.087	1.9005	.82679	5.2747
Stddev	.110	.00093	.01473	.131	.0183	.00417	.0278
%RSD	.37704	.27104	2.8518	.42032	.96083	.50397	.52634

#1	29.020	.34365	.49974	31.000	1.8907	.82206	5.2516
#2	29.033	.34479	.52732	31.023	1.8893	.82990	5.3055
#3	29.216	.34550	.52251	31.237	1.9216	.82842	5.2670

Sample Name: K3052-01MS Acquired: 5/28/2019 17:14:05 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35347	F 14.48	1.5450	1.3211	F<.00000
Stddev	.00137	.02	.0010	.0924	.99984
%RSD	.38818	.1316	.06499	6.9938	7.9332
#1	.35330	14.50	1.5461	1.4206	-12.927
#2	.35492	14.47	1.5441	1.3049	-13.401
#3	.35219	14.47	1.5449	1.2380	-11.482
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.5	47481.	4663.8	36.838	2804.1
Stddev	7.5	46.	3.7	.751	7.4
%RSD	.20696	.09697	.07963	2.0387	.26307
#1	3630.3	47452.	4663.4	37.117	2803.6
#2	3636.6	47534.	4660.3	37.410	2811.7
#3	3621.6	47456.	4667.7	35.987	2797.0

Sample Name: K3052-01MSD Acquired: 5/28/2019 17:18:23 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76598	1.9588	5.7378	1.7408	.15386	119.60	1.3680
Stddev	.00304	.0027	.0084	.0057	.00204	.25	.0053
%RSD	.39704	.13704	.14710	.32898	1.3259	.20690	.38478

#1	.76406	1.9575	5.7466	1.7414	.15552	119.53	1.3663
#2	.76440	1.9571	5.7369	1.7348	.15448	119.87	1.3739
#3	.76949	1.9619	5.7298	1.7462	.15158	119.40	1.3638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19589	.20240	639.60	1.3390	.33034	.78233	190.26
Stddev	.00030	.00080	2.63	.0021	.00068	.00046	.51
%RSD	.15210	.39666	.41184	.15953	.20488	.05911	.26612

#1	.19624	.20330	642.64	1.3401	.33099	.78186	190.79
#2	.19573	.20175	638.08	1.3404	.33040	.78234	189.78
#3	.19571	.20216	638.08	1.3366	.32964	.78279	190.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6170	211.85	1.1955	.05835	11.976	.79810	1.9133
Stddev	.0011	.72	.0013	.00013	.049	.00190	.0051
%RSD	.03137	.33958	.10427	.21742	.41089	.23830	.26799

#1	3.6182	211.11	1.1948	.05821	11.959	.79709	1.9190
#2	3.6168	211.89	1.1969	.05840	12.032	.80029	1.9118
#3	3.6160	212.55	1.1948	.05844	11.938	.79691	1.9091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.401	.38370	.50060	F 28.489	1.9294	.74557	5.1377
Stddev	.019	.00052	.01505	.084	.0368	.00512	.0187
%RSD	.06861	.13681	3.0063	.29529	1.9063	.68695	.36409

#1	27.416	.38362	.49768	28.496	1.9631	.74620	5.1396
#2	27.407	.38321	.48723	28.402	1.9348	.74017	5.1553
#3	27.379	.38426	.51690	28.570	1.8902	.75035	5.1181

Sample Name: K3052-01MSD Acquired: 5/28/2019 17:18:23 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34851	F 15.00	1.3972	1.4101	F<.00000
Stddev	.00170	.01	.0090	.0901	1.3913
%RSD	.48785	.0417	.64231	6.3882	8.7925
#1	.35044	15.01	1.4072	1.4594	-14.318
#2	.34725	15.01	1.3943	1.4647	-16.091
#3	.34783	14.99	1.3899	1.3061	-17.062
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.0	48109.	4717.2	38.293	2827.9
Stddev	3.4	87.	30.7	1.101	6.1
%RSD	.09400	.18049	.65082	2.8746	.21581
#1	3647.1	48101.	4683.0	37.065	2822.3
#2	3653.2	48026.	4726.2	38.627	2827.0
#3	3652.9	48199.	4742.4	39.189	2834.4

Sample Name: K3052-01A Acquired: 5/28/2019 17:22:41 Type: Unk
Method: P4-ICP2(v3152) 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	.75720	1.9057	4.4226	1.7136	.15362	122.86	1.3446
Stddev	.00280	.0111	.0189	.0052	.00102	.80	.0137
%RSD	.36913	.58417	.42768	.30057	.66327	.65334	1.0164

#1	.75960	1.9185	4.4040	1.7162	.15318	122.16	1.3295
#2	.75413	1.9001	4.4418	1.7169	.15479	123.74	1.3561
#3	.75786	1.8984	4.4219	1.7076	.15291	122.68	1.3483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19311	.19769	666.59	1.0892	.32416	.77386	187.08
Stddev	.00048	.00128	3.01	.0033	.00025	.00122	1.34
%RSD	.24882	.64602	.45107	.29946	.07715	.15703	.71445

#1	.19359	.19644	664.17	1.0862	.32395	.77391	185.77
#2	.19310	.19763	665.65	1.0886	.32410	.77262	188.44
#3	.19263	.19899	669.96	1.0927	.32444	.77505	187.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7010	218.67	1.1317	.05728	12.257	.79467	1.8306
Stddev	.0032	2.25	.0013	.00077	.099	.00217	.0093
%RSD	.08670	1.0298	.11338	1.3396	.80383	.27317	.50901

#1	3.6983	216.08	1.1308	.05640	12.146	.79548	1.8217
#2	3.7002	220.18	1.1332	.05763	12.334	.79221	1.8403
#3	3.7045	219.75	1.1311	.05782	12.291	.79631	1.8298

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.765	.36458	.50935	F 29.155	1.8893	.75738	5.1564
Stddev	.251	.00070	.01271	.067	.0169	.00237	.0120
%RSD	.90225	.19308	2.4953	.22903	.89259	.31288	.23284

#1	27.475	.36414	.49468	29.108	1.9007	.75595	5.1428
#2	27.914	.36539	.51629	29.231	1.8700	.75607	5.1657
#3	27.904	.36421	.51707	29.125	1.8974	.76011	5.1606

Sample Name: K3052-01A Acquired: 5/28/2019 17:22:41 Type: Unk
Method: P4-ICP2(v3152) 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	.34405	F 14.66	1.4385	1.4995	F<.00000
Stddev	.00143	.01	.0026	.0412	.31702
%RSD	.41705	.0422	.17920	2.7500	2.1145
#1	.34531	14.65	1.4362	1.5218	-15.237
#2	.34435	14.66	1.4382	1.4519	-14.634
#3	.34249	14.66	1.4413	1.5248	-15.106
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.3	48049.	4723.3	38.576	2839.7
Stddev	21.7	130.	18.4	1.549	12.0
%RSD	.59272	.27129	.38920	4.0152	.42367
#1	3669.6	48168.	4705.1	36.835	2845.9
#2	3639.2	47910.	4741.8	39.088	2825.8
#3	3681.2	48067.	4723.1	39.803	2847.4

Sample Name: K3052-03 Acquired: 5/28/2019 17:26:59 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04952	-.01236	.92957	-.01102	.00815	117.04	.93115
Stddev	.00071	.00020	.00143	.00129	.00247	.92	.00749
%RSD	1.4292	1.6580	.15349	11.682	30.248	.78424	.80386

#1	.04960	-.01249	.92869	-.01004	.00565	116.03	.92292
#2	.05018	-.01213	.92880	-.01055	.01058	117.26	.93299
#3	.04877	-.01247	.93121	-.01248	.00822	117.83	.93754

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01397	.00204	609.96	.25921	.12931	.52505	189.26
Stddev	.00017	.00027	3.38	.00072	.00034	.00104	.68
%RSD	1.1887	13.197	.55334	.27837	.26141	.19836	.36103

#1	.01394	.00197	607.23	.25892	.12914	.52557	189.20
#2	.01382	.00182	608.91	.26003	.12909	.52573	189.97
#3	.01415	.00234	613.73	.25868	.12970	.52385	188.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5405	187.20	.51747	-.01055	8.5579	.52048	1.7168
Stddev	.0038	1.31	.00126	.00046	.0439	.00308	.0032
%RSD	.10781	.69872	.24361	4.4073	.51242	.59107	.18557

#1	3.5365	185.82	.51893	-.01068	8.5092	.51951	1.7204
#2	3.5441	187.38	.51684	-.01003	8.5703	.51800	1.7153
#3	3.5409	188.42	.51666	-.01093	8.5942	.52392	1.7146

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.052	.00921	.33326	F 27.714	1.2627	.05144	4.4803
Stddev	.136	.00011	.01407	.086	.0159	.00108	.0288
%RSD	.79485	1.2148	4.2208	.31042	1.2612	2.0913	.64316

#1	16.901	.00925	.34916	27.736	1.2680	.05045	4.4472
#2	17.089	.00908	.32817	27.786	1.2448	.05128	4.4998
#3	17.165	.00930	.32244	27.619	1.2752	.05258	4.4940

Sample Name: K3052-03 Acquired: 5/28/2019 17:26:59 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17070	9.259	1.2575	.83565	F<.00000
Stddev	.00093	.019	.0068	.03312	.75031
%RSD	.54766	.2017	.54110	3.9639	4.7975
#1	.17140	9.245	1.2535	.83099	-16.105
#2	.17107	9.280	1.2537	.87086	-16.040
#3	.16964	9.252	1.2654	.80511	-14.774
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.0	48842.	4834.9	37.367	2868.0
Stddev	7.2	45.	17.5	.720	5.8
%RSD	.19275	.09283	.36175	1.9265	.20142
#1	3725.3	48830.	4815.2	37.629	2865.1
#2	3726.4	48803.	4840.8	37.920	2864.3
#3	3738.3	48891.	4848.7	36.553	2874.7

Sample Name: CCV06 Acquired: 5/28/2019 17:31:23 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1633	4.9997	4.8460	5.1226	4.9915	9.8384	10.104	.24845
Stddev	.0094	.0104	.0125	.0140	.0092	.0411	.026	.00091
%RSD	.18234	.20908	.25745	.27331	.18531	.41829	.26230	.36526
#1	5.1645	5.0099	4.8604	5.1277	5.0008	9.8841	10.086	.24950
#2	5.1721	4.9890	4.8388	5.1068	4.9913	9.8042	10.135	.24792
#3	5.1534	5.0003	4.8388	5.1334	4.9823	9.8270	10.092	.24794
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4499	25.258	1.0001	2.4432	1.2405	4.9919	2.4924	25.108
Stddev	.0063	.122	.0023	.0043	.0003	.0103	.0005	.093
%RSD	.25784	.48459	.22837	.17449	.02739	.20574	.02047	.36857
#1	2.4572	25.119	.99763	2.4478	1.2406	4.9830	2.4929	25.036
#2	2.4459	25.305	1.0021	2.4395	1.2408	4.9897	2.4919	25.213
#3	2.4466	25.350	1.0006	2.4422	1.2402	5.0031	2.4923	25.076
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4867	1.2820	25.053	2.5217	2.4224	25.504	5.1542	5.0382
Stddev	.0058	.0024	.021	.0013	.0056	.059	.0065	.0470
%RSD	.23424	.18560	.08358	.05187	.22917	.23065	.12696	.93227
#1	2.4933	1.2815	25.029	2.5206	2.4288	25.440	5.1614	5.0924
#2	2.4824	1.2798	25.067	2.5214	2.4197	25.517	5.1524	5.0086
#3	2.4843	1.2845	25.064	2.5231	2.4186	25.555	5.1487	5.0136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1619	5.0645	5.0087	5.0873	5.0152	5.177	5.0888	F 3.3559
Stddev	.0120	.0422	.0043	.0209	.0355	.014	.0293	.1252
%RSD	.23203	.83348	.08504	.41033	.70793	.2714	.57575	3.7298
#1	5.1693	5.0288	5.0113	5.0737	4.9817	5.175	5.0632	3.3263
#2	5.1481	5.0536	5.0038	5.0768	5.0115	5.164	5.0824	3.2481
#3	5.1684	5.1111	5.0111	5.1113	5.0524	5.192	5.1207	3.4932

Sample Name: CCV06 Acquired: 5/28/2019 17:31:23 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9357
Stddev	.1628
%RSD	8.4102

#1	1.8273
#2	2.1229
#3	1.8569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.8	44012.	4008.7	40.952	3364.9
Stddev	11.5	111.	17.5	.379	12.4
%RSD	.33810	.25131	.43555	.92434	.36918

#1	3397.2	43885.	4014.4	41.321	3352.4
#2	3403.5	44071.	4022.7	40.971	3365.1
#3	3419.5	44081.	3989.1	40.564	3377.2

Sample Name: CCB06 Acquired: 5/28/2019 17:35:30 Type: Unk
Method: P4-ICP2(v3152) 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	.00214	.00053	.00183	.00073	-.01762	.00058	.00001
Stddev	.00296	.00100	.00008	.00060	.00097	.00344	.00038	.00003
%RSD	234.63	46.535	15.705	32.539	131.75	19.540	65.632	402.24
#1	-.00189	.00112	.00058	.00150	-.00032	-.01665	.00102	.00004
#2	.00398	.00219	.00043	.00148	.00093	-.01476	.00036	-.00000
#3	.00170	.00311	.00058	.00252	.00158	-.02144	.00037	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00122	.00018	-.00006	-.00028	-.00142	.00007	-.00838
Stddev	.00001	.00954	.00029	.00017	.00006	.00058	.00004	.03113
%RSD	8.6563	780.50	160.60	263.98	19.741	40.865	66.999	371.55
#1	.00006	.00764	.00035	-.00010	-.00032	-.00110	.00007	.01683
#2	.00007	-.01133	-.00016	.00012	-.00031	-.00108	.00002	-.04317
#3	.00007	.00002	.00036	-.00021	-.00022	-.00209	.00011	.00120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00016	-.02426	.00016	.00003	.01087	.00043	-.01004
Stddev	.00019	.00021	.00950	.00027	.00007	.01589	.00028	.03053
%RSD	401.19	133.24	39.166	171.31	234.67	146.14	64.760	304.01
#1	.00010	.00030	-.01437	.00042	.00011	.02921	.00045	-.03607
#2	-.00016	.00026	-.03332	-.00012	-.00000	.00123	.00071	-.01762
#3	.00021	-.00009	-.02511	.00017	-.00002	.00218	.00014	.02356
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01704	-.00150	-.00112	.00390	-.00069	.0037	.00024	F 2.2097
Stddev	.00265	.00026	.00052	.00215	.00164	.0001	.00003	.0488
%RSD	15.567	17.339	46.119	55.202	236.25	1.903	10.903	2.2083
#1	.01929	-.00170	-.00059	.00502	-.00142	.0036	.00024	2.2632
#2	.01411	-.00158	-.00115	.00142	-.00185	.0037	.00027	2.1677
#3	.01773	-.00121	-.00162	.00525	.00118	.0037	.00022	2.1982

Sample Name: CCB06 Acquired: 5/28/2019 17:35:30 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3589
Stddev .3329
%RSD 14.111

#1 2.0751
#2 2.2764
#3 2.7253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.0	46074.	4028.5	41.752	3772.9
Stddev	5.8	106.	37.5	1.312	9.2
%RSD	.16245	.23053	.93135	3.1427	.24370

#1	3554.6	46118.	3988.4	40.377	3764.3
#2	3562.4	45953.	4062.7	42.991	3782.6
#3	3565.8	46151.	4034.4	41.889	3772.0

Sample Name: K3065-02 Acquired: 5/28/2019 17:39:58 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-16-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03783	-.00277	.39047	.00383	.00446	75.003	.42643
Stddev	.00235	.00178	.00157	.00144	.00068	.184	.00254
%RSD	6.2230	64.205	.40186	37.511	15.296	.24562	.59545

#1	.03629	-.00205	.39205	.00217	.00523	74.792	.42365
#2	.04054	-.00146	.38891	.00462	.00396	75.132	.42700
#3	.03665	-.00479	.39046	.00471	.00418	75.084	.42863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01183	-.00336	70.123	.18409	.10573	.24859	162.43
Stddev	.00007	.00007	.416	.00012	.00038	.00050	.23
%RSD	.59318	2.0699	.59349	.06468	.35556	.20272	.14380

#1	.01191	-.00328	69.649	.18414	.10580	.24819	162.33
#2	.01178	-.00339	70.426	.18416	.10607	.24843	162.69
#3	.01179	-.00341	70.295	.18395	.10532	.24916	162.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6145	41.668	.76245	-.00026	8.3393	.23577	.66520
Stddev	.0074	.412	.00144	.00039	.0427	.00145	.00086
%RSD	.20491	.98868	.18881	145.38	.51142	.61304	.12869

#1	3.6140	41.367	.76383	.00013	8.2918	.23422	.66592
#2	3.6221	41.500	.76096	-.00029	8.3519	.23600	.66543
#3	3.6073	42.137	.76255	-.00063	8.3742	.23708	.66425

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.785	.00092	.16766	1.9417	3.1656	.02159	2.2957
Stddev	.049	.00014	.01886	.0064	.0300	.00059	.0135
%RSD	.45130	15.507	11.249	.33161	.94697	2.7495	.58605

#1	10.731	.00097	.18552	1.9458	3.1595	.02090	2.2856
#2	10.827	.00103	.14794	1.9451	3.1391	.02195	2.3109
#3	10.796	.00076	.16951	1.9343	3.1981	.02191	2.2904

Sample Name: K3065-02 Acquired: 5/28/2019 17:39:58 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-16-COMP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11413	4.279	.23373	.78885	F<.00000
Stddev	.00087	.001	.00196	.11157	.82401
%RSD	.75838	.0326	.83833	14.143	6.6826

#1	.11384	4.278	.23149	.89624	-13.137
#2	.11511	4.281	.23453	.79679	-11.490
#3	.11345	4.279	.23516	.67353	-12.365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3807.0	49382.	4577.2	40.595	3335.0
Stddev	3.7	147.	11.8	1.769	3.9
%RSD	.09841	.29703	.25769	4.3577	.11837

#1	3807.3	49215.	4564.3	42.638	3333.0
#2	3803.2	49445.	4580.0	39.564	3332.5
#3	3810.7	49488.	4587.4	39.584	3339.5

Sample Name: K3065-04 Acquired: 5/28/2019 17:44:15 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-15-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03197	-.00989	.88382	-.00418	.00391	102.55	.63555
Stddev	.00279	.00211	.00302	.00106	.00071	.46	.00402
%RSD	8.7415	21.283	.34133	25.276	18.189	.44446	.63252

#1	.03280	-.01025	.88169	-.00485	.00438	102.26	.63507
#2	.02885	-.01180	.88250	-.00296	.00309	102.31	.63179
#3	.03426	-.00763	.88727	-.00473	.00424	103.07	.63979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00919	.00365	501.61	.16689	.08720	.30914	121.15
Stddev	.00009	.00015	2.73	.00110	.00014	.00078	.96
%RSD	1.0036	3.9833	.54391	.66051	.15886	.25216	.79531

#1	.00908	.00355	498.82	.16734	.08736	.30969	121.74
#2	.00924	.00382	501.73	.16563	.08713	.30949	120.04
#3	.00924	.00359	504.28	.16769	.08712	.30825	121.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3860	68.688	.79126	-.00511	40.982	.21599	.78335
Stddev	.0296	.679	.00037	.00019	.188	.00069	.00285
%RSD	.67380	.98831	.04701	3.6477	.45786	.31803	.36443

#1	4.3655	68.700	.79085	-.00498	41.013	.21577	.78523
#2	4.4199	68.003	.79156	-.00503	40.781	.21676	.78006
#3	4.3726	69.361	.79139	-.00532	41.152	.21544	.78474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6500	.00147	.14126	3.5528	2.2587	.06379	3.6719
Stddev	.0359	.00018	.01360	.0112	.0256	.00053	.0303
%RSD	.53970	12.296	9.6257	.31546	1.1322	.83753	.82515

#1	6.6459	.00168	.15297	3.5414	2.2303	.06330	3.6390
#2	6.6164	.00137	.12635	3.5638	2.2658	.06436	3.6781
#3	6.6878	.00136	.14447	3.5532	2.2800	.06372	3.6987

Sample Name: K3065-04 Acquired: 5/28/2019 17:44:15 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-15-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11991	5.336	1.5269	2.3172	F<.00000
Stddev	.00035	.009	.0088	.3151	.37823
%RSD	.29239	.1609	.57675	13.599	21.826

#1	.12019	5.345	1.5168	2.0447	-1.3508
#2	.11951	5.336	1.5310	2.6623	-1.7408
#3	.12002	5.328	1.5330	2.2447	-2.1072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3455.7	44712.	4354.8	39.245	3032.6
Stddev	19.9	109.	18.5	.641	19.1
%RSD	.57601	.24318	.42492	1.6345	.62844

#1	3437.3	44606.	4371.7	38.886	3018.1
#2	3476.8	44823.	4335.1	39.986	3054.2
#3	3453.0	44708.	4357.8	38.864	3025.5

Sample Name: K3065-06 Acquired: 5/28/2019 17:48:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04235	-.01106	1.1530	-.00333	.00570	102.63	.82442
Stddev	.00091	.00302	.0061	.00152	.00261	.80	.00595
%RSD	2.1415	27.334	.53171	45.561	45.860	.77680	.72177

#1	.04339	-.01250	1.1545	-.00182	.00687	101.72	.81787
#2	.04198	-.00758	1.1463	-.00330	.00752	102.93	.82591
#3	.04169	-.01308	1.1583	-.00485	.00270	103.23	.82948

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01069	.00759	652.00	.17886	.10124	.33649	147.09
Stddev	.00013	.00020	3.68	.00063	.00069	.00018	.93
%RSD	1.2457	2.6174	.56506	.34953	.67880	.05469	.63287

#1	.01067	.00746	650.62	.17919	.10105	.33637	147.11
#2	.01083	.00750	649.21	.17814	.10200	.33641	148.02
#3	.01057	.00782	656.17	.17925	.10067	.33671	146.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1958	124.07	.75604	-.00660	40.455	.48731	1.9236
Stddev	.0057	.83	.00087	.00027	.204	.00047	.0046
%RSD	.17706	.66645	.11559	4.1596	.50361	.09611	.23867

#1	3.1903	123.34	.75704	-.00686	40.252	.48678	1.9289
#2	3.2016	123.90	.75565	-.00631	40.455	.48748	1.9205
#3	3.1957	124.96	.75543	-.00662	40.659	.48768	1.9214

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.017	.00530	.18266	F 13.220	1.5071	.03955	4.0986
Stddev	.098	.00008	.00556	.040	.0089	.00041	.0271
%RSD	.88881	1.5978	3.0457	.30092	.58768	1.0253	.66106

#1	10.914	.00521	.17627	13.186	1.5160	.03985	4.0786
#2	11.027	.00532	.18642	13.264	1.4983	.03909	4.0878
#3	11.110	.00538	.18529	13.209	1.5070	.03971	4.1295

Sample Name: K3065-06 Acquired: 5/28/2019 17:48:47 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12403	5.705	2.0661	1.9128	F<.00000
Stddev	.00034	.016	.0140	.1189	.51157
%RSD	.27144	.2782	.67505	6.2182	10.631

#1	.12438	5.689	2.0611	1.8101	-4.5455
#2	.12371	5.705	2.0554	1.8850	-4.4888
#3	.12400	5.720	2.0819	2.0431	-5.4019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.1	46419.	4576.2	38.501	2901.5
Stddev	8.7	115.	11.3	1.004	8.2
%RSD	.24383	.24733	.24661	2.6068	.28207

#1	3554.0	46471.	4563.6	37.679	2892.7
#2	3561.1	46287.	4585.4	38.205	2902.9
#3	3571.3	46498.	4579.5	39.620	2908.9

Sample Name: K3065-08 Acquired: 5/28/2019 17:53:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03323	-.00151	.14822	-.00536	.00193	103.01	2.3306
Stddev	.00206	.00197	.00237	.00387	.00147	.79	.0141
%RSD	6.1857	130.78	1.6022	72.161	76.195	.76329	.60381

#1	.03274	-.00276	.14721	-.00829	.00336	102.16	2.3145
#2	.03548	.00076	.14652	-.00097	.00201	103.16	2.3371
#3	.03146	-.00253	.15093	-.00683	.00042	103.71	2.3403

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01657	-.00230	31.491	.43055	.37095	.26876	214.06
Stddev	.00008	.00001	.079	.00093	.00264	.00155	1.03
%RSD	.45835	.40385	.24968	.21524	.71277	.57585	.48317

#1	.01649	-.00230	31.540	.43007	.36860	.26866	213.24
#2	.01664	-.00231	31.401	.42996	.37044	.26727	213.72
#3	.01659	-.00230	31.534	.43162	.37381	.27036	215.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6518	274.44	5.5908	-.00956	7.7108	.30265	.72729
Stddev	.0046	2.50	.0296	.00018	.0437	.00019	.00499
%RSD	.17194	.90945	.52903	1.8851	.56679	.06382	.68638

#1	2.6557	271.94	5.5925	-.00955	7.6621	.30248	.72742
#2	2.6529	274.44	5.5604	-.00975	7.7238	.30286	.72223
#3	2.6468	276.93	5.6195	-.00939	7.7466	.30262	.73221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.481	.01132	.18829	F 21.583	2.9136	.00484	2.1376
Stddev	.054	.00008	.02064	.110	.0253	.00060	.0097
%RSD	.46858	.68639	10.960	.51135	.86979	12.380	.45358

#1	11.419	.01141	.19645	21.470	2.9072	.00456	2.1328
#2	11.514	.01126	.16483	21.588	2.9415	.00443	2.1313
#3	11.511	.01130	.20361	21.690	2.8920	.00552	2.1488

Sample Name: K3065-08 Acquired: 5/28/2019 17:53:13 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20617	4.795	-.06798	.15040	F<.00000
Stddev	.00163	.028	.00053	.17077	.45834
%RSD	.78916	.5885	.77941	113.55	1.8621
#1	.20440	4.766	-.06764	.32522	-24.105
#2	.20651	4.795	-.06772	.14199	-24.994
#3	.20760	4.823	-.06859	-.01601	-24.743
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.5	50827.	4873.7	40.299	3118.7
Stddev	18.1	85.	30.2	.571	11.2
%RSD	.46462	.16647	.61919	1.4161	.35941
#1	3882.4	50924.	4839.3	40.412	3116.6
#2	3914.4	50793.	4886.1	39.681	3130.9
#3	3883.7	50765.	4895.7	40.805	3108.7

Sample Name: K3065-10 Acquired: 5/28/2019 17:57:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-13-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01877	-.00403	.24724	.00336	.00341	60.191	.28408
Stddev	.00317	.00059	.00074	.00126	.00023	.041	.00051
%RSD	16.901	14.750	.29899	37.532	6.7131	.06815	.18003

#1	.01560	-.00345	.24662	.00227	.00367	60.153	.28458
#2	.01878	-.00399	.24705	.00306	.00329	60.234	.28356
#3	.02195	-.00464	.24806	.00474	.00327	60.186	.28410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01032	-.00376	8.9180	.16535	.11915	.23202	151.20
Stddev	.00009	.00013	.1045	.00199	.00045	.00037	.44
%RSD	.90415	3.5577	1.1713	1.2013	.37897	.15963	.29105

#1	.01022	-.00368	8.8006	.16310	.11923	.23187	150.86
#2	.01034	-.00392	8.9525	.16606	.11955	.23176	151.70
#3	.01040	-.00369	9.0008	.16688	.11866	.23245	151.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6205	48.564	1.3234	-.00534	9.2676	.22058	.43945
Stddev	.0010	.259	.0013	.00037	.0172	.00149	.00079
%RSD	.06413	.53385	.09770	7.0193	.18583	.67468	.17883

#1	1.6195	48.378	1.3249	-.00577	9.2480	.22099	.44021
#2	1.6216	48.454	1.3226	-.00511	9.2743	.22182	.43951
#3	1.6205	48.860	1.3227	-.00513	9.2804	.21893	.43864

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0166	-.00017	.12846	1.9986	1.1468	.00661	2.1895
Stddev	.0141	.00007	.00225	.0020	.0098	.00094	.0112
%RSD	.17595	43.034	1.7535	.10035	.85495	14.199	.51062

#1	8.0159	-.00018	.12687	1.9977	1.1355	.00707	2.1766
#2	8.0029	-.00023	.12748	2.0009	1.1536	.00553	2.1946
#3	8.0310	-.00009	.13104	1.9972	1.1512	.00724	2.1972

Sample Name: K3065-10 Acquired: 5/28/2019 17:57:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-13-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10955	2.289	-.10662	.66148	F<.00000
Stddev	.00167	.009	.00039	.05644	.10473
%RSD	1.5225	.4047	.36838	8.5330	.91828

#1	.10900	2.286	-.10660	.71149	-11.470
#2	.11143	2.300	-.10702	.60028	-11.460
#3	.10823	2.282	-.10624	.67265	-11.284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.8	50870.	4657.9	40.168	3406.2
Stddev	3.1	45.	20.9	1.045	3.4
%RSD	.07847	.08917	.44926	2.6007	.09942

#1	3919.3	50833.	4674.8	39.060	3402.4
#2	3913.4	50920.	4664.3	40.309	3407.6
#3	3914.7	50855.	4634.5	41.135	3408.7

Sample Name: K3065-12 Acquired: 5/28/2019 18:01:55 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03057	-.01010	.13702	-.00783	.00099	90.510	.72526
Stddev	.00193	.00233	.00166	.00184	.00264	.337	.00269
%RSD	6.3082	23.113	1.2147	23.507	265.85	.37239	.37130

#1	.03097	-.01267	.13632	-.00602	.00395	90.151	.72219
#2	.02847	-.00811	.13892	-.00970	-.00112	90.819	.72723
#3	.03226	-.00952	.13582	-.00777	.00014	90.561	.72636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01957	-.00110	25.107	.70807	.53561	.31980	230.82
Stddev	.00017	.00031	.077	.00117	.00130	.00091	1.49
%RSD	.88624	28.610	.30734	.16517	.24184	.28489	.64487

#1	.01947	-.00121	25.023	.70853	.53694	.32076	230.44
#2	.01947	-.00075	25.123	.70674	.53555	.31969	229.56
#3	.01977	-.00135	25.175	.70894	.53435	.31895	232.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7876	80.718	6.6394	-.01245	2.4305	.26449	.78797
Stddev	.0164	.058	.0189	.00019	.0107	.00125	.00275
%RSD	.43173	.07127	.28408	1.5259	.43875	.47226	.34852

#1	3.7767	80.683	6.6214	-.01233	2.4186	.26593	.78574
#2	3.7797	80.784	6.6591	-.01235	2.4392	.26386	.79104
#3	3.8064	80.686	6.6377	-.01267	2.4338	.26369	.78714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.862	-.00153	.18826	.88499	4.1323	.01362	3.2856
Stddev	.079	.00040	.00874	.00374	.0580	.00061	.0116
%RSD	.44061	26.299	4.6423	.42258	1.4026	4.4927	.35311

#1	17.776	-.00107	.18735	.88921	4.1817	.01325	3.2734
#2	17.881	-.00173	.18002	.88209	4.0685	.01432	3.2869
#3	17.930	-.00179	.19743	.88368	4.1467	.01327	3.2965

Sample Name: K3065-12 Acquired: 5/28/2019 18:01:55 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-12-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20830	9.498	-.14543	<.00000	F<.00000
Stddev	.00031	.008	.00139	.05655	.87674
%RSD	.15009	.0799	.95290	3.1565	2.9357

#1	.20866	9.506	-.14511	-1.7741	-29.628
#2	.20810	9.495	-.14423	-1.8548	-30.836
#3	.20813	9.492	-.14694	-1.7457	-29.131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4257.6	55351.	5143.7	39.798	3250.3
Stddev	7.7	197.	29.0	1.245	9.7
%RSD	.18046	.35641	.56430	3.1272	.29993

#1	4264.1	55169.	5117.9	41.130	3259.4
#2	4249.1	55560.	5175.1	39.600	3240.0
#3	4259.6	55323.	5138.1	38.665	3251.4

Sample Name: K3068-01 Acquired: 5/28/2019 18:06:29 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1N(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07780	-.00541	8.5700	-.00654	.01045	165.12	3.1741
Stddev	.00125	.00239	.0190	.00163	.00060	1.59	.0307
%RSD	1.6111	44.162	.22151	24.990	5.7274	.96364	.96669

#1	.07739	-.00325	8.5676	-.00613	.01029	163.28	3.1402
#2	.07921	-.00797	8.5901	-.00515	.01111	165.96	3.2001
#3	.07680	-.00500	8.5524	-.00834	.00994	166.10	3.1820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02089	.00667	96.505	.58269	.18695	.96937	241.56
Stddev	.00027	.00009	.754	.00150	.00044	.00092	.46
%RSD	1.3145	1.3023	.78178	.25783	.23602	.09457	.19080

#1	.02071	.00659	96.015	.58121	.18644	.96898	241.60
#2	.02076	.00676	96.126	.58421	.18724	.97041	241.08
#3	.02121	.00665	97.374	.58264	.18717	.96871	242.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9883	54.506	.58293	-.00680	3.1082	.47687	2.8369
Stddev	.0084	.518	.00169	.00039	.0246	.00374	.0037
%RSD	.11998	.94991	.28987	5.7276	.79274	.78439	.13057

#1	6.9894	53.919	.58255	-.00692	3.0806	.47602	2.8363
#2	6.9794	54.896	.58478	-.00711	3.1280	.48096	2.8409
#3	6.9961	54.705	.58146	-.00636	3.1160	.47362	2.8335

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.868	.01133	.36115	5.6414	3.6152	.13158	2.8309
Stddev	.169	.00007	.00811	.0062	.0727	.00116	.0201
%RSD	1.0659	.59264	2.2460	.11022	2.0107	.88298	.70866

#1	15.707	.01131	.36676	5.6377	3.6953	.13192	2.8099
#2	16.044	.01141	.36485	5.6486	3.5534	.13253	2.8329
#3	15.854	.01128	.35185	5.6380	3.5969	.13028	2.8499

Sample Name: K3068-01 Acquired: 5/28/2019 18:06:29 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1N(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23687	9.377	.36913	<.00000	F<.00000
Stddev	.00156	.009	.00426	.03371	1.0804
%RSD	.65692	.0921	1.1538	2.5262	3.2426

#1	.23607	9.368	.36646	-1.2964	-32.261
#2	.23587	9.378	.36689	-1.3468	-33.274
#3	.23866	9.385	.37405	-1.3603	-34.421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4116.1	53612.	5102.4	40.075	3191.7
Stddev	12.8	35.	49.1	1.052	9.3
%RSD	.31000	.06572	.96279	2.6245	.29283

#1	4116.7	53646.	5080.7	40.231	3187.6
#2	4103.0	53615.	5158.6	38.954	3185.1
#3	4128.5	53576.	5067.9	41.040	3202.4

Sample Name: K3068-02 Acquired: 5/28/2019 18:11:02 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14949	-.00028	10.084	.01040	.01087	151.99	3.0625
Stddev	.00197	.00055	.022	.00334	.00083	.70	.0093
%RSD	1.3195	199.39	.21738	32.157	7.6553	.46198	.30377

#1	.14983	-.00091	10.060	.01420	.01183	151.29	3.0535
#2	.14737	-.00007	10.088	.00909	.01043	151.98	3.0618
#3	.15127	.00014	10.103	.00790	.01036	152.69	3.0721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01608	.00315	108.71	.19309	.10302	3.3899	185.26
Stddev	.00020	.00009	.47	.00050	.00030	.0023	.75
%RSD	1.2536	2.9382	.43012	.25932	.29077	.06893	.40544

#1	.01585	.00325	108.52	.19277	.10319	3.3923	185.83
#2	.01622	.00307	108.36	.19284	.10267	3.3877	185.54
#3	.01616	.00314	109.24	.19367	.10320	3.3897	184.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5609	43.863	.23862	.04055	2.9014	.34942	2.4988
Stddev	.0406	.309	.00030	.00032	.0058	.00118	.0057
%RSD	.72999	.70353	.12751	.77829	.19968	.33782	.22971

#1	5.5583	43.592	.23866	.04036	2.8947	.34868	2.4924
#2	5.5216	43.799	.23830	.04038	2.9043	.34880	2.5036
#3	5.6027	44.199	.23891	.04092	2.9052	.35078	2.5005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.258	.00607	.21640	9.5047	2.8149	.20516	1.9241
Stddev	.016	.00022	.00497	.0222	.0253	.00122	.0083
%RSD	.12776	3.5455	2.2967	.23380	.89951	.59355	.43016

#1	12.247	.00606	.22003	9.5303	2.8435	.20458	1.9212
#2	12.250	.00586	.21845	9.4914	2.8061	.20434	1.9176
#3	12.276	.00629	.21074	9.4923	2.7952	.20656	1.9334

Sample Name: K3068-02 Acquired: 5/28/2019 18:11:02 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19213	F 19.25	.43887	<.00000	F<.00000
Stddev	.00134	.04	.00349	.08189	1.2796
%RSD	.69911	.2311	.79476	10.351	5.9805
#1	.19251	19.21	.43736	-.75963	-21.817
#2	.19324	19.29	.43639	-.72961	-22.413
#3	.19063	19.27	.44286	-.88405	-19.959
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4088.2	53186.	5116.6	42.241	3261.9
Stddev	3.6	215.	39.0	.263	6.2
%RSD	.08873	.40464	.76219	.62245	.18973
#1	4084.1	52967.	5081.8	42.442	3268.0
#2	4089.6	53398.	5158.7	41.944	3255.6
#3	4090.9	53194.	5109.2	42.339	3262.0

Sample Name: K3068-02DUP Acquired: 5/28/2019 18:15:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14839	-.00187	9.8287	.00933	.00968	148.77	2.9935
Stddev	.00266	.00149	.0283	.00344	.00132	.81	.0110
%RSD	1.7916	79.707	.28754	36.878	13.600	.54252	.36720

#1	.15100	-.00092	9.8518	.00861	.01065	147.85	2.9808
#2	.14849	-.00110	9.7972	.00631	.00818	149.32	3.0000
#3	.14568	-.00359	9.8371	.01307	.01021	149.15	2.9997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01585	.00318	107.35	.19123	.10268	3.3568	184.55
Stddev	.00037	.00009	.69	.00028	.00046	.0126	.44
%RSD	2.3512	2.8156	.64424	.14529	.44665	.37523	.23993

#1	.01549	.00317	106.60	.19123	.10248	3.3673	184.72
#2	.01583	.00328	107.50	.19095	.10235	3.3428	184.05
#3	.01623	.00310	107.96	.19151	.10320	3.3602	184.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4988	43.257	.23765	.04035	2.8861	.34963	2.4798
Stddev	.0159	.182	.00028	.00058	.0064	.00084	.0048
%RSD	.28929	.42113	.11616	1.4304	.22188	.23901	.19483

#1	5.5169	43.078	.23775	.04007	2.8825	.34928	2.4844
#2	5.4925	43.251	.23786	.04101	2.8935	.35059	2.4748
#3	5.4870	43.442	.23734	.03996	2.8822	.34904	2.4803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.977	.00638	.21818	9.3575	2.8608	.20021	1.9129
Stddev	.038	.00024	.00876	.0145	.0596	.00057	.0112
%RSD	.31424	3.7275	4.0138	.15471	2.0833	.28521	.58769

#1	11.933	.00616	.20916	9.3486	2.7965	.19972	1.9007
#2	11.998	.00663	.22665	9.3742	2.8720	.20084	1.9229
#3	11.999	.00635	.21873	9.3497	2.9141	.20007	1.9152

Sample Name: K3068-02DUP Acquired: 5/28/2019 18:15:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18919	F 19.10	.43296	<.00000	F<.00000
Stddev	.00155	.03	.00391	.12850	.14600
%RSD	.81691	.1452	.90338	24.121	.71327
#1	.18784	19.12	.42854	-.44594	-20.637
#2	.19087	19.07	.43435	-.68036	-20.390
#3	.18885	19.12	.43598	-.47192	-20.379
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.7	53692.	5147.1	41.480	3267.3
Stddev	19.3	64.	9.4	.967	10.5
%RSD	.47230	.11944	.18332	2.3314	.32042
#1	4077.8	53665.	5151.8	42.319	3256.6
#2	4116.5	53645.	5153.3	41.699	3277.5
#3	4095.8	53765.	5136.2	40.422	3268.0

Sample Name: K3068-02LX5 Acquired: 5/28/2019 18:20:07 Type: Unk
Method: P4-ICP2(v3152) 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	.03550	.00188	1.9367	.00622	.00277	32.550	.65104
Stddev	.00181	.00068	.0035	.00187	.00113	.092	.00289
%RSD	5.1121	36.219	.17855	30.077	40.896	.28194	.44349

#1	.03348	.00238	1.9370	.00671	.00406	32.541	.64983
#2	.03699	.00217	1.9332	.00415	.00235	32.463	.64895
#3	.03604	.00110	1.9401	.00779	.00191	32.646	.65433

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	-.00110	25.194	.04330	.01925	.76169	48.648
Stddev	.00013	.00009	.065	.00038	.00016	.00132	.207
%RSD	3.7888	8.1891	.25950	.87860	.84429	.17265	.42554

#1	.00320	-.00105	25.125	.04338	.01918	.76320	48.568
#2	.00330	-.00104	25.255	.04363	.01944	.76107	48.493
#3	.00345	-.00120	25.200	.04288	.01914	.76079	48.883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3158	9.7064	.04489	.00996	.59218	.07909	.45857
Stddev	.0008	.0531	.00071	.00021	.00659	.00043	.00039
%RSD	.05716	.54687	1.5710	2.0638	1.1134	.54146	.08571

#1	1.3160	9.6727	.04535	.00980	.58492	.07943	.45819
#2	1.3150	9.6790	.04524	.01019	.59780	.07861	.45854
#3	1.3165	9.7676	.04408	.00990	.59382	.07923	.45898

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5812	.00127	.03871	1.7274	.69258	.03695	.44600
Stddev	.0193	.00035	.01183	.0061	.00952	.00200	.00295
%RSD	.74570	27.727	30.557	.35338	1.3752	5.4242	.66126

#1	2.5623	.00133	.05202	1.7303	.69555	.03605	.44259
#2	2.6008	.00090	.03469	1.7315	.70026	.03555	.44763
#3	2.5807	.00159	.02941	1.7204	.68192	.03924	.44776

Sample Name: K3068-02LX5 Acquired: 5/28/2019 18:20:07 Type: Unk
Method: P4-ICP2(v3152) 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	.04191	3.639	.09522	1.9811	F<.00000
Stddev	.00218	.005	.00049	.0518	.38437
%RSD	5.2083	.1468	.50941	2.6146	23.027

#1	.04037	3.645	.09534	1.9444	-1.3177
#2	.04095	3.634	.09563	1.9586	-1.6103
#3	.04441	3.637	.09469	2.0404	-2.0796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.7	47554.	4315.7	41.873	3598.1
Stddev	5.4	222.	30.7	1.925	5.8
%RSD	.14695	.46586	.71100	4.5961	.16159

#1	3669.5	47315.	4289.5	41.801	3591.4
#2	3678.5	47753.	4308.3	39.986	3600.6
#3	3679.1	47593.	4349.5	43.833	3602.2

Sample Name: CCV07 Acquired: 5/28/2019 18:24:31 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1741	4.9802	4.8351	5.1307	4.9946	9.8629	10.065	.24979
Stddev	.0013	.0055	.0063	.0118	.0108	.0358	.083	.00069
%RSD	.02432	.11098	.12924	.22977	.21674	.36312	.82427	.27664
#1	5.1730	4.9743	4.8280	5.1435	5.0067	9.8345	9.9707	.24979
#2	5.1739	4.9853	4.8398	5.1203	4.9909	9.8510	10.125	.24910
#3	5.1755	4.9810	4.8376	5.1282	4.9860	9.9031	10.101	.25048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4408	25.114	1.0001	2.4285	1.2365	4.9762	2.4807	24.948
Stddev	.0026	.085	.0021	.0007	.0019	.0121	.0004	.216
%RSD	.10527	.33732	.20977	.02942	.14939	.24298	.01616	.86427
#1	2.4393	25.016	1.0005	2.4280	1.2379	4.9661	2.4802	24.735
#2	2.4438	25.170	.99789	2.4293	1.2344	4.9729	2.4808	24.942
#3	2.4394	25.154	1.0020	2.4281	1.2371	4.9896	2.4810	25.167
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4742	1.2788	25.122	2.5152	2.4151	25.486	5.1515	5.0191
Stddev	.0043	.0009	.176	.0062	.0005	.176	.0081	.0745
%RSD	.17304	.07134	.69870	.24537	.01993	.69094	.15646	1.4840
#1	2.4709	1.2778	24.937	2.5094	2.4148	25.317	5.1604	4.9930
#2	2.4791	1.2796	25.143	2.5217	2.4156	25.472	5.1446	4.9612
#3	2.4727	1.2789	25.286	2.5146	2.4148	25.668	5.1494	5.1031
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1393	5.1498	4.9819	5.0814	5.0130	5.178	5.0852	F 3.1619
Stddev	.0081	.0180	.0031	.0128	.0288	.003	.0211	.1201
%RSD	.15864	.34988	.06186	.25215	.57481	.0516	.41492	3.7980
#1	5.1461	5.1526	4.9815	5.0693	5.0006	5.178	5.0634	3.1518
#2	5.1303	5.1662	4.9790	5.0948	5.0459	5.176	5.1055	3.2866
#3	5.1416	5.1305	4.9851	5.0801	4.9925	5.181	5.0867	3.0471

Sample Name: CCV07 Acquired: 5/28/2019 18:24:31 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5458
Stddev	.5297
%RSD	20.806

#1	3.0812
#2	2.0221
#3	2.5341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.3	44339.	4050.0	40.394	3395.5
Stddev	4.9	74.	13.4	.709	5.9
%RSD	.14399	.16753	.33096	1.7558	.17411

#1	3426.3	44360.	4040.7	39.856	3397.5
#2	3431.5	44400.	4043.9	41.198	3388.9
#3	3436.2	44256.	4065.3	40.130	3400.2

Sample Name: CCB07 Acquired: 5/28/2019 18:28:38 Type: Unk
Method: P4-ICP2(v3152) 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	.00286	.00144	.00016	-.00085	.00059	-.00503	.00099	.00005
Stddev	.00142	.00015	.00030	.00218	.00043	.00820	.00085	.00006
%RSD	49.664	10.621	186.77	256.79	72.788	163.25	85.688	127.60

#1	.00338	.00134	-.00013	-.00306	.00101	-.00898	.00074	-.00001
#2	.00396	.00162	.00015	.00130	.00016	-.01051	.00029	.00011
#3	.00126	.00137	.00046	-.00078	.00058	.00441	.00193	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00914	.00018	-.00004	-.00064	-.00145	.00007	-.06969
Stddev	.00011	.01808	.00010	.00019	.00008	.00084	.00003	.02269
%RSD	159.86	197.84	54.554	490.92	12.766	57.875	47.497	32.561

#1	.00017	-.02976	.00025	-.00026	-.00071	-.00059	.00007	-.04442
#2	.00008	-.00162	.00022	.00005	-.00067	-.00148	.00010	-.08832
#3	-.00004	.00397	.00007	.00010	-.00055	-.00226	.00003	-.07632

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00011	-.03041	.00020	-.00016	.02635	.00070	-.01708
Stddev	.00026	.00006	.01069	.00034	.00006	.01466	.00013	.01694
%RSD	108.23	59.853	35.155	164.09	36.718	55.643	19.142	99.159

#1	.00013	.00016	-.02683	.00036	-.00016	.02164	.00061	.00189
#2	.00054	.00013	-.02197	.00043	-.00011	.04279	.00085	-.02244
#3	.00006	.00004	-.04243	-.00018	-.00023	.01463	.00063	-.03070

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00611	.00227	-.00080	.00228	.00059	.0028	.00018	F 2.2839
Stddev	.00227	.00168	.00109	.00124	.00066	.0004	.00004	.0916
%RSD	37.172	73.983	137.15	54.675	110.92	15.68	23.169	4.0093

#1	.00682	.00393	.00012	.00366	.00126	.0033	.00019	2.2603
#2	.00795	.00230	-.00051	.00193	.00057	.0024	.00022	2.3849
#3	.00357	.00057	-.00201	.00124	-.00005	.0028	.00014	2.2063

Sample Name: CCB07 Acquired: 5/28/2019 18:28:38 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5667
Stddev .8883
%RSD 56.700

#1 2.2313
#2 .55777
#3 1.9112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.3	46679.	4086.2	41.152	3830.1
Stddev	6.0	24.	28.4	.824	7.6
%RSD	.16753	.05065	.69466	2.0028	.19781

#1	3606.4	46652.	4067.3	41.027	3821.5
#2	3605.3	46686.	4072.6	40.398	3833.3
#3	3616.3	46698.	4118.9	42.032	3835.6

Sample Name: K3068-02MS Acquired: 5/28/2019 18:33:07 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77989	1.8578	10.432	1.5176	.00776	154.74	3.0937
Stddev	.00446	.0040	.014	.0058	.00178	.85	.0153
%RSD	.57140	.21583	.13083	.38177	22.980	.55199	.49306

#1	.77584	1.8624	10.447	1.5200	.00842	154.20	3.0785
#2	.77918	1.8551	10.419	1.5109	.00911	154.29	3.0936
#3	.78467	1.8560	10.431	1.5218	.00574	155.72	3.1090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17752	.19039	110.76	.51550	.30851	3.8720	197.69
Stddev	.00045	.00026	.49	.00185	.00017	.0168	1.50
%RSD	.25627	.13427	.44559	.35917	.05395	.43407	.75650

#1	.17702	.19044	111.04	.51731	.30832	3.8597	199.06
#2	.17790	.19012	110.19	.51559	.30864	3.8652	197.91
#3	.17765	.19063	111.06	.51361	.30857	3.8911	196.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2677	46.384	.72939	.10643	5.3244	.58734	2.8501
Stddev	.0486	.111	.00154	.00025	.0217	.00116	.0013
%RSD	.77475	.23971	.21143	.23199	.40731	.19696	.04512

#1	6.3180	46.385	.72776	.10671	5.3077	.58828	2.8505
#2	6.2641	46.273	.73083	.10623	5.3166	.58605	2.8487
#3	6.2211	46.495	.72956	.10636	5.3489	.58770	2.8512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.750	.00675	.38520	9.8331	3.3758	.20926	1.9450
Stddev	.111	.00024	.01217	.0110	.0469	.00119	.0033
%RSD	.53289	3.5015	3.1589	.11171	1.3879	.56860	.16910

#1	20.659	.00656	.38918	9.8441	3.4175	.21061	1.9431
#2	20.718	.00702	.39487	9.8330	3.3251	.20839	1.9432
#3	20.873	.00669	.37154	9.8222	3.3847	.20876	1.9488

Sample Name: K3068-02MS Acquired: 5/28/2019 18:33:07 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36298	F 25.97	.59031	<.00000	F<.00000
Stddev	.00172	.03	.00577	.13770	.49841
%RSD	.47508	.1002	.97823	21.958	1.9613

#1	.36481	26.00	.59082	-.46811	-25.819
#2	.36139	25.96	.58429	-.70864	-25.561
#3	.36272	25.94	.59581	-.70451	-24.856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.5	54048.	5144.5	41.578	3259.3
Stddev	10.0	247.	52.5	.764	2.0
%RSD	.24227	.45639	1.0199	1.8373	.06234

#1	4130.2	53769.	5084.4	41.384	3259.9
#2	4130.3	54142.	5180.8	42.420	3257.0
#3	4112.9	54235.	5168.4	40.930	3260.9

Sample Name: K3068-02MSD Acquired: 5/28/2019 18:37:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78216	1.8579	10.462	1.5248	.00714	156.74	3.1636
Stddev	.00566	.0022	.004	.0069	.00047	1.41	.0338
%RSD	.72308	.11901	.03722	.45585	6.5906	.89757	1.0669

#1	.77577	1.8559	10.467	1.5176	.00750	155.22	3.1278
#2	.78653	1.8603	10.460	1.5314	.00661	157.99	3.1948
#3	.78418	1.8575	10.460	1.5253	.00732	157.01	3.1683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17777	.19087	111.28	.51628	.30182	3.7457	196.77
Stddev	.00058	.00030	.56	.00120	.00039	.0166	1.75
%RSD	.32792	.15487	.50580	.23241	.12801	.44238	.89121

#1	.17804	.19118	110.63	.51671	.30204	3.7266	194.98
#2	.17817	.19085	111.56	.51492	.30138	3.7540	198.49
#3	.17710	.19059	111.65	.51720	.30206	3.7564	196.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9465	46.732	.73157	.10261	5.4004	.59320	2.8233
Stddev	.0647	.432	.00077	.00108	.0700	.00163	.0006
%RSD	1.0874	.92414	.10555	1.0521	1.2970	.27394	.02206

#1	5.8958	46.286	.73164	.10138	5.3254	.59134	2.8237
#2	6.0193	47.148	.73231	.10312	5.4641	.59436	2.8236
#3	5.9244	46.761	.73077	.10335	5.4117	.59389	2.8225

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.832	.00653	.38751	9.9686	3.3931	.20968	1.9690
Stddev	.253	.00006	.01220	.0427	.0233	.00277	.0110
%RSD	1.2154	.91351	3.1479	.42843	.68525	1.3202	.56092

#1	20.602	.00660	.37554	9.9632	3.4181	.20656	1.9577
#2	21.103	.00649	.39992	10.014	3.3721	.21183	1.9695
#3	20.792	.00651	.38706	9.9288	3.3891	.21065	1.9798

Sample Name: K3068-02MSD Acquired: 5/28/2019 18:37:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36468	F 25.93	.59369	<.00000	F<.00000
Stddev	.00380	.05	.00151	.13093	.47747
%RSD	1.0413	.1861	.25481	15.723	1.8400

#1	.36324	25.92	.59197	-.71289	-25.717
#2	.36182	25.99	.59430	-.97246	-26.499
#3	.36899	25.89	.59481	-.81278	-25.633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.6	53865.	5165.4	41.782	3258.0
Stddev	11.8	184.	20.3	.545	2.5
%RSD	.28724	.34211	.39293	1.3033	.07761

#1	4128.3	53996.	5144.1	41.157	3255.2
#2	4113.6	53654.	5184.5	42.153	3260.2
#3	4104.9	53944.	5167.6	42.035	3258.5

Sample Name: K3068-02A Acquired: 5/28/2019 18:42:06 Type: Unk
 Method: P4-ICP2(v3152) 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	.77494	1.8474	10.394	1.5154	.00766	155.00	3.1076
Stddev	.00293	.0064	.051	.0028	.00101	.21	.0071
%RSD	.37827	.34723	.49157	.18649	13.250	.13692	.22991

#1	.77626	1.8520	10.335	1.5137	.00668	154.96	3.1145
#2	.77699	1.8502	10.429	1.5187	.00871	154.81	3.1002
#3	.77158	1.8401	10.417	1.5139	.00758	155.23	3.1081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17758	.18871	111.05	.51532	.30405	3.7872	197.10
Stddev	.00036	.00098	.53	.00129	.00076	.0163	.66
%RSD	.20456	.52170	.48079	.25116	.24960	.42950	.33653

#1	.17795	.18765	110.53	.51602	.30330	3.7687	197.21
#2	.17723	.18889	111.02	.51612	.30403	3.7991	197.71
#3	.17757	.18960	111.59	.51383	.30482	3.7939	196.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1097	46.214	.72887	.10456	5.3113	.58812	2.8222
Stddev	.0042	.128	.00123	.00029	.0094	.00208	.0136
%RSD	.06889	.27603	.16845	.28070	.17675	.35441	.48187

#1	6.1067	46.189	.72746	.10484	5.3220	.58887	2.8066
#2	6.1079	46.100	.72965	.10459	5.3074	.58576	2.8306
#3	6.1145	46.351	.72951	.10425	5.3045	.58972	2.8295

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.688	.00651	.40226	9.8847	3.3260	.20889	1.9428
Stddev	.018	.00028	.00480	.0174	.0143	.00074	.0191
%RSD	.08830	4.3366	1.1921	.17581	.43047	.35639	.98341

#1	20.686	.00683	.39871	9.8870	3.3322	.20929	1.9275
#2	20.670	.00629	.40036	9.9008	3.3096	.20803	1.9367
#3	20.707	.00641	.40772	9.8663	3.3360	.20935	1.9642

Sample Name: K3068-02A Acquired: 5/28/2019 18:42:06 Type: Unk
Method: P4-ICP2(v3152) 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	.36385	F 25.80	.59320	<.00000	F<.00000
Stddev	.00138	.07	.00273	.07054	.87817
%RSD	.37937	.2676	.46104	10.208	3.5841
#1	.36227	25.72	.59109	-.69390	-24.550
#2	.36442	25.84	.59223	-.76003	-25.354
#3	.36485	25.83	.59629	-.61904	-23.600
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4146.7	54093.	5132.1	40.859	3275.4
Stddev	13.7	298.	4.7	.298	12.0
%RSD	.33130	.55033	.09118	.73029	.36597
#1	4161.0	53807.	5131.8	41.118	3288.5
#2	4133.7	54070.	5127.5	40.928	3264.9
#3	4145.4	54401.	5136.9	40.533	3272.7

Sample Name: K3068-03 Acquired: 5/28/2019 18:46:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1S(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06858	-.00482	7.4065	-.00582	.01270	135.42	2.3009
Stddev	.00083	.00135	.0205	.00128	.00047	.80	.0259
%RSD	1.2140	27.929	.27627	22.068	3.7366	.59414	1.1261

#1	.06865	-.00372	7.3833	-.00620	.01267	135.24	2.2899
#2	.06938	-.00442	7.4219	-.00439	.01318	136.30	2.3305
#3	.06772	-.00633	7.4143	-.00687	.01224	134.72	2.2824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01730	.00317	387.80	.31801	.10911	.97645	215.61
Stddev	.00017	.00013	1.11	.00134	.00062	.00164	.44
%RSD	.97376	4.0952	.28693	.42266	.56369	.16798	.20335

#1	.01745	.00332	386.54	.31806	.10954	.97510	215.36
#2	.01733	.00309	388.62	.31932	.10841	.97828	216.12
#3	.01712	.00310	388.25	.31663	.10939	.97598	215.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5127	52.102	.27635	-.00248	2.8775	.35651	2.3147
Stddev	.0164	.666	.00035	.00046	.0283	.00178	.0070
%RSD	.29675	1.2777	.12773	18.689	.98426	.49948	.30216

#1	5.5037	51.623	.27608	-.00284	2.8564	.35801	2.3066
#2	5.5316	52.862	.27675	-.00196	2.9097	.35454	2.3184
#3	5.5028	51.821	.27621	-.00264	2.8666	.35698	2.3191

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.126	.00875	.26951	9.1705	2.6060	.12343	3.2136
Stddev	.165	.00018	.00710	.0319	.0387	.00050	.0138
%RSD	1.0237	2.0240	2.6328	.34840	1.4868	.40449	.42963

#1	16.010	.00864	.26580	9.2040	2.6490	.12399	3.1979
#2	16.315	.00895	.27769	9.1670	2.5738	.12302	3.2195
#3	16.052	.00865	.26504	9.1404	2.5952	.12328	3.2236

Sample Name: K3068-03 Acquired: 5/28/2019 18:46:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1S(2.5-3.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19544	8.234	.94661	.37340	F<.00000
Stddev	.00089	.015	.00193	.07920	1.0143
%RSD	.45418	.1829	.20369	21.212	4.8202

#1	.19646	8.251	.94853	.29017	-20.061
#2	.19488	8.229	.94467	.38219	-20.982
#3	.19497	8.222	.94662	.44785	-22.087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.7	49336.	4807.7	40.190	3106.5
Stddev	6.4	228.	29.4	1.302	6.2
%RSD	.16936	.46213	.61240	3.2400	.20015

#1	3795.9	49281.	4787.0	39.523	3113.4
#2	3786.2	49141.	4841.4	41.690	3104.6
#3	3783.8	49586.	4794.6	39.355	3101.4

Sample Name: K3068-04 Acquired: 5/28/2019 18:51:11 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1W(4-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08172	.00197	13.601	.01218	.01136	163.26	1.9956
Stddev	.00281	.00086	.073	.00214	.00256	1.13	.0113
%RSD	3.4378	43.466	.53911	17.597	22.538	.68976	.56361

#1	.08040	.00133	13.685	.01154	.01003	162.24	1.9833
#2	.08494	.00164	13.561	.01457	.01431	163.08	1.9980
#3	.07980	.00294	13.556	.01043	.00974	164.47	2.0054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01574	-.00186	34.101	.19664	.08463	.98778	191.03
Stddev	.00006	.00021	.170	.00087	.00045	.00110	.44
%RSD	.40752	11.503	.49881	.44088	.53141	.11184	.23010

#1	.01568	-.00172	33.906	.19711	.08459	.98652	191.13
#2	.01573	-.00176	34.219	.19564	.08509	.98861	190.55
#3	.01581	-.00210	34.177	.19716	.08420	.98820	191.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4201	30.843	.17069	.02956	1.3531	.32931	1.1689
Stddev	.0342	.181	.00053	.00019	.0095	.00063	.0073
%RSD	.63089	.58579	.31166	.65600	.69888	.19209	.62151

#1	5.3816	30.650	.17109	.02948	1.3437	.32900	1.1773
#2	5.4470	31.008	.17089	.02978	1.3528	.32889	1.1639
#3	5.4316	30.871	.17008	.02942	1.3626	.33004	1.1656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.253	.01135	.14179	4.3097	4.0602	.31307	1.4613
Stddev	.082	.00023	.00743	.0010	.0431	.00129	.0075
%RSD	.72933	2.0650	5.2433	.02388	1.0614	.41246	.51111

#1	11.175	.01115	.15009	4.3094	4.0288	.31451	1.4528
#2	11.338	.01161	.13574	4.3089	4.0424	.31200	1.4641
#3	11.245	.01130	.13953	4.3109	4.1093	.31271	1.4670

Sample Name: K3068-04 Acquired: 5/28/2019 18:51:11 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1W(4-5) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16502	F 17.22	.36191	<.00000	F<.00000
Stddev	.00048	.08	.00281	.32970	.48079
%RSD	.28995	.4875	.77558	24.924	2.1486

#1	.16526	17.31	.35869	-1.2036	-22.076
#2	.16447	17.17	.36378	-1.0693	-22.123
#3	.16534	17.16	.36327	-1.6955	-22.932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4261.0	55588.	5293.9	42.646	3369.3
Stddev	2.6	156.	9.8	1.743	21.8
%RSD	.06009	.28151	.18488	4.0862	.64804

#1	4259.1	55690.	5302.6	44.628	3344.2
#2	4259.9	55667.	5295.7	41.354	3383.2
#3	4263.9	55408.	5283.3	41.956	3380.6

Sample Name: K3068-05 Acquired: 5/28/2019 18:55:45 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3SE(4-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11270	.00171	8.6912	.00713	.01354	133.68	3.1540
Stddev	.00368	.00033	.0543	.00198	.00034	.48	.0133
%RSD	3.2666	19.069	.62439	27.744	2.5477	.36201	.42124

#1	.11370	.00166	8.7531	.00727	.01344	133.63	3.1604
#2	.10862	.00206	8.6690	.00509	.01325	133.22	3.1387
#3	.11577	.00141	8.6516	.00904	.01392	134.18	3.1629

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01589	.00791	58.658	.19738	.09483	.80064	203.44
Stddev	.00033	.00008	.216	.00070	.00011	.00722	1.10
%RSD	2.0510	1.0118	.36813	.35249	.11674	.90226	.53838

#1	.01553	.00800	58.666	.19780	.09485	.80837	202.38
#2	.01598	.00784	58.871	.19776	.09471	.79947	203.36
#3	.01616	.00790	58.439	.19657	.09493	.79407	204.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4812	30.444	.22206	.00001	1.2331	.31318	4.0110
Stddev	.0224	.212	.00060	.00048	.0109	.00185	.0218
%RSD	.40835	.69490	.26810	5048.2	.88535	.59046	.54310

#1	5.4562	30.372	.22249	-.00016	1.2317	.31293	4.0357
#2	5.4879	30.278	.22138	-.00036	1.2229	.31146	4.0024
#3	5.4994	30.682	.22231	.00055	1.2446	.31514	3.9948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.220	.00760	.19202	4.0961	3.5510	.54007	1.3964
Stddev	.055	.00004	.00288	.0078	.0311	.00194	.0043
%RSD	.54000	.50423	1.4996	.19169	.87665	.35830	.31058

#1	10.237	.00763	.18927	4.0885	3.5819	.53810	1.3948
#2	10.159	.00760	.19177	4.0956	3.5514	.54014	1.3930
#3	10.265	.00756	.19502	4.1042	3.5196	.54196	1.4013

Sample Name: K3068-05 Acquired: 5/28/2019 18:55:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-3SE(4-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17176	F 26.33	.17028	<.00000	F<.00000
Stddev	.00115	.11	.00268	.19771	.62420
%RSD	.66998	.4234	1.5719	49.741	2.8045
#1	.17049	26.45	.17261	-.19343	-22.972
#2	.17274	26.24	.17089	-.41084	-21.821
#3	.17204	26.29	.16736	-.58816	-21.978
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.6	52030.	4914.2	41.865	3391.7
Stddev	27.5	18.	26.4	.168	17.3
%RSD	.68572	.03524	.53624	.40225	.50899
#1	3984.8	52017.	4905.7	42.027	3372.1
#2	4020.0	52051.	4893.1	41.691	3398.3
#3	4039.0	52023.	4943.7	41.876	3404.7

Sample Name: K3068-06 Acquired: 5/28/2019 19:00:17 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3SW(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09959	-.00009	4.7668	.00954	.01246	125.02	2.2921
Stddev	.00209	.00235	.0100	.00426	.00187	.99	.0185
%RSD	2.1021	2501.8	.20868	44.672	14.977	.78861	.80734

#1	.10078	.00250	4.7553	.00520	.01057	124.19	2.2743
#2	.09718	-.00208	4.7730	.01372	.01430	124.76	2.2907
#3	.10082	-.00069	4.7721	.00971	.01250	126.11	2.3112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01418	-.00032	36.212	.15601	.09268	.67699	166.86
Stddev	.00031	.00008	.302	.00029	.00084	.00047	.51
%RSD	2.1542	26.172	.83462	.18786	.90350	.06962	.30371

#1	.01452	-.00034	36.538	.15596	.09247	.67652	166.28
#2	.01394	-.00023	36.158	.15633	.09197	.67746	167.09
#3	.01407	-.00040	35.941	.15575	.09361	.67699	167.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1258	26.631	.17049	.00046	.89615	.28863	1.3233
Stddev	.0450	.353	.00104	.00033	.01746	.00117	.0029
%RSD	.87844	1.3238	.60969	72.977	1.9487	.40522	.22121

#1	5.1773	26.401	.17033	.00031	.87651	.28973	1.3202
#2	5.0942	26.455	.17160	.00022	.90201	.28740	1.3260
#3	5.1058	27.037	.16954	.00084	.90993	.28876	1.3237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.225	.01167	.13693	2.2621	3.3998	.14384	1.6176
Stddev	.156	.00036	.01078	.0040	.0685	.00050	.0010
%RSD	1.5221	3.1068	7.8703	.17712	2.0150	.34952	.06236

#1	10.058	.01153	.14480	2.2575	3.4727	.14437	1.6187
#2	10.252	.01208	.12464	2.2647	3.3367	.14376	1.6171
#3	10.365	.01140	.14134	2.2641	3.3901	.14338	1.6168

Sample Name: K3068-06 Acquired: 5/28/2019 19:00:17 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-3SW(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15244	F 13.96	.18360	<.00000	F<.00000
Stddev	.00054	.05	.00347	.09372	.45891
%RSD	.35186	.3451	1.8924	17.558	2.7385
#1	.15182	13.96	.18754	-.63429	-16.724
#2	.15282	13.91	.18227	-.44877	-16.316
#3	.15268	14.00	.18099	-.51830	-17.232
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.1	53481.	5020.1	42.596	3431.9
Stddev	7.6	60.	72.3	.602	5.8
%RSD	.18647	.11136	1.4402	1.4142	.16890
#1	4093.2	53447.	4943.7	43.085	3437.0
#2	4078.0	53550.	5029.2	41.923	3425.6
#3	4087.0	53447.	5087.4	42.780	3433.0

Sample Name: K3068-07 Acquired: 5/28/2019 19:04:53 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-4S(4-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04883	-.00261	27.242	.00448	.01368	89.485	9.9138
Stddev	.00034	.00092	.047	.00241	.00071	.233	.1067
%RSD	.69763	35.360	.17352	53.831	5.1904	.26012	1.0759

#1	.04886	-.00320	27.188	.00619	.01289	89.606	9.9832
#2	.04915	-.00155	27.273	.00551	.01388	89.217	9.9672
#3	.04847	-.00309	27.266	.00172	.01427	89.632	9.7910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01044	.03009	577.42	.39621	.12638	.58338	141.12
Stddev	.00014	.00019	1.04	.00092	.00010	.00069	.66
%RSD	1.3725	.63051	.18037	.23328	.08052	.11861	.46555

#1	.01054	.02988	578.02	.39691	.12648	.58328	141.87
#2	.01028	.03015	578.02	.39656	.12628	.58411	140.81
#3	.01050	.03024	576.22	.39516	.12639	.58274	140.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7203	43.438	.25683	.00110	1.7156	.41734	10.878
Stddev	.0033	.262	.00037	.00053	.0048	.00070	.017
%RSD	.08772	.60232	.14422	48.230	.27748	.16709	.15470

#1	3.7188	43.477	.25722	.00170	1.7105	.41735	10.860
#2	3.7181	43.678	.25649	.00088	1.7164	.41664	10.892
#3	3.7241	43.159	.25678	.00071	1.7199	.41804	10.883

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3668	.00575	.13999	9.7107	2.5860	.12875	2.5848
Stddev	.0499	.00012	.02332	.0203	.0063	.00030	.0169
%RSD	.59666	2.1328	16.658	.20935	.24382	.23036	.65275

#1	8.4191	.00589	.13303	9.7026	2.5815	.12862	2.5707
#2	8.3616	.00571	.16599	9.6957	2.5834	.12909	2.6035
#3	8.3197	.00566	.12094	9.7339	2.5932	.12854	2.5803

Sample Name: K3068-07 Acquired: 5/28/2019 19:04:53 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4S(4-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14238	8.866	1.7716	2.1264	F<.00000
Stddev	.00063	.011	.0041	.0239	.42953
%RSD	.44582	.1222	.22976	1.1249	7.8830
#1	.14243	8.862	1.7763	2.1331	-5.7339
#2	.14172	8.858	1.7693	2.0999	-5.6578
#3	.14299	8.878	1.7691	2.1463	-4.9548
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.5	46898.	4660.6	40.068	3065.3
Stddev	5.3	187.	16.2	1.638	5.9
%RSD	.14952	.39833	.34696	4.0880	.19175
#1	3578.6	46682.	4642.4	41.110	3068.0
#2	3571.7	47000.	4665.8	38.180	3058.5
#3	3582.3	47011.	4673.4	40.915	3069.3

Sample Name: K3068-08 Acquired: 5/28/2019 19:09:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-4W(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05859	.00208	1.0128	.00401	.00580	155.79	1.3916
Stddev	.00147	.00083	.0040	.00307	.00135	1.47	.0146
%RSD	2.5120	40.120	.39329	76.621	23.345	.94050	1.0503

#1	.05732	.00137	1.0124	.00112	.00448	154.16	1.3752
#2	.05825	.00300	1.0091	.00367	.00718	156.21	1.3965
#3	.06021	.00186	1.0170	.00724	.00573	157.00	1.4032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01539	-.00351	13.154	.14343	.08492	.14986	174.45
Stddev	.00015	.00012	.055	.00037	.00024	.00084	.23
%RSD	.97728	3.3062	.41782	.25602	.28470	.56062	.13419

#1	.01556	-.00346	13.096	.14303	.08467	.15019	174.23
#2	.01535	-.00343	13.205	.14375	.08493	.15048	174.42
#3	.01527	-.00364	13.162	.14351	.08515	.14890	174.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4246	28.585	.15745	-.00269	.94161	.25057	.68350
Stddev	.0237	.207	.00015	.00018	.00967	.00186	.00129
%RSD	.43623	.72400	.09279	6.6367	1.0266	.74285	.18913

#1	5.4512	28.356	.15740	-.00288	.93098	.25023	.68417
#2	5.4164	28.640	.15733	-.00253	.94987	.24890	.68201
#3	5.4061	28.759	.15761	-.00268	.94400	.25258	.68432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7599	.00403	.15033	2.5718	5.8262	.02398	1.3840
Stddev	.0526	.00010	.01013	.0056	.1428	.00077	.0043
%RSD	.67796	2.5692	6.7409	.21884	2.4508	3.1937	.30915

#1	7.6993	.00391	.15990	2.5775	5.9617	.02478	1.3794
#2	7.7858	.00411	.13971	2.5663	5.8399	.02389	1.3847
#3	7.7945	.00408	.15137	2.5717	5.6771	.02326	1.3878

Sample Name: K3068-08 Acquired: 5/28/2019 19:09:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-4W(3-4) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17416	7.046	-.03417	<.00000	F<.00000
Stddev	.00220	.006	.00027	.19337	.12954
%RSD	1.2611	.0804	.78823	18.657	.70245

#1	.17163	7.051	-.03439	-.90656	-18.293
#2	.17545	7.039	-.03426	-.94409	-18.531
#3	.17541	7.047	-.03387	-1.2587	-18.501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4262.4	55231.	5245.2	41.559	3418.6
Stddev	7.8	55.	34.9	1.136	2.3
%RSD	.18377	.09936	.66630	2.7341	.06854

#1	4258.9	55242.	5211.2	42.583	3419.4
#2	4256.9	55172.	5243.2	41.758	3420.4
#3	4271.4	55280.	5281.1	40.337	3415.9

Sample Name: K3068-09 Acquired: 5/28/2019 19:13:52 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6N(8.5-9.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04906	.00053	1.6970	-.00537	.00316	101.78	1.3214	.00898
Stddev	.00125	.00154	.0021	.00231	.00064	.12	.0004	.00006
%RSD	2.5526	292.85	.12077	42.913	20.158	.11795	.03335	.65571
#1	.05050	-.00126	1.6959	-.00437	.00347	101.91	1.3217	.00899
#2	.04850	.00143	1.6993	-.00374	.00242	101.69	1.3209	.00904
#3	.04819	.00141	1.6956	-.00801	.00357	101.74	1.3216	.00892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	975.70	.15273	.06143	.25045	116.18	3.8673	49.452
Stddev	.00016	7.97	.00111	.00026	.00017	.45	.0033	.094
%RSD	18.142	.81709	.72988	.42837	.06673	.38820	.08479	.19001
#1	.00095	966.60	.15402	.06140	.25042	116.64	3.8688	49.358
#2	.00100	981.46	.15210	.06171	.25030	115.73	3.8636	49.451
#3	.00070	979.03	.15208	.06119	.25063	116.18	3.8696	49.546
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11553	-.00429	2.9709	.26607	3.0290	11.197	.00778	.20511
Stddev	.00054	.00015	.0178	.00146	.0021	.034	.00008	.02755
%RSD	.46716	3.4307	.60018	.54849	.06947	.30071	1.0655	13.430
#1	.11491	-.00445	2.9762	.26772	3.0279	11.194	.00771	.23138
#2	.11592	-.00424	2.9510	.26551	3.0314	11.232	.00787	.20751
#3	.11574	-.00417	2.9855	.26497	3.0277	11.165	.00775	.17644
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 369.90	4.9098	-.08910	1.7351	.18778	6.374	2.9840	2.6074
Stddev	.37	.0182	.00109	.0176	.00225	.010	.0190	.0737
%RSD	.10008	.37113	1.2235	1.0129	1.1990	.1601	.63582	2.8279
#1	369.64	4.8902	-.09026	1.7166	.18518	6.373	2.9622	2.6869
#2	369.73	4.9130	-.08809	1.7516	.18919	6.384	2.9972	2.5412
#3	370.32	4.9262	-.08895	1.7371	.18896	6.364	2.9925	2.5941

Sample Name: K3068-09 Acquired: 5/28/2019 19:13:52 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6N(8.5-9.5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.06180
Stddev	.82087
%RSD	1328.3

#1	.65900
#2	.40064
#3	-.87425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.6	45164.	4453.2	39.745	2967.5
Stddev	11.4	218.	17.1	1.420	5.4
%RSD	.32953	.48277	.38499	3.5730	.18346

#1	3434.2	44926.	4467.7	41.174	2962.4
#2	3445.7	45213.	4434.2	38.334	2966.8
#3	3456.9	45354.	4457.6	39.727	2973.2

Sample Name: CCV08 Acquired: 5/28/2019 19:18:20 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1082	4.9160	4.7662	5.0804	4.9232	9.7079	10.079	.24836
Stddev	.0136	.0027	.0023	.0108	.0162	.0530	.088	.00087
%RSD	.26699	.05572	.04782	.21304	.32900	.54564	.87775	.34871
#1	5.1216	4.9185	4.7660	5.0929	4.9417	9.7058	9.9776	.24894
#2	5.0943	4.9165	4.7686	5.0738	4.9116	9.7619	10.119	.24877
#3	5.1086	4.9131	4.7640	5.0746	4.9164	9.6560	10.141	.24736
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4006	24.840	.98348	2.3965	1.2132	4.9053	2.4518	24.701
Stddev	.0017	.038	.00288	.0020	.0043	.0130	.0063	.023
%RSD	.06978	.15305	.29327	.08472	.35499	.26451	.25831	.09450
#1	2.4022	24.870	.98579	2.3980	1.2175	4.9109	2.4526	24.703
#2	2.4007	24.798	.98440	2.3975	1.2089	4.9145	2.4576	24.677
#3	2.3989	24.853	.98025	2.3942	1.2131	4.8904	2.4450	24.724
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4304	1.2622	24.861	2.4784	2.3822	25.312	5.0708	4.9811
Stddev	.0017	.0030	.086	.0054	.0023	.170	.0078	.0657
%RSD	.06929	.24065	.34547	.21823	.09521	.67095	.15453	1.3179
#1	2.4309	1.2647	24.786	2.4819	2.3803	25.121	5.0796	4.9236
#2	2.4318	1.2630	24.955	2.4812	2.3847	25.446	5.0645	5.0527
#3	2.4285	1.2588	24.843	2.4722	2.3816	25.370	5.0684	4.9671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1608	5.1165	4.9190	5.0007	4.9008	5.090	5.0090	F 3.1963
Stddev	.0189	.0338	.0040	.0081	.0088	.009	.0195	.0490
%RSD	.36542	.66162	.08125	.16264	.17906	.1811	.38843	1.5322
#1	5.1707	5.1284	4.9193	4.9988	4.8986	5.081	4.9972	3.1513
#2	5.1726	5.0783	4.9229	4.9937	4.8934	5.099	4.9983	3.2485
#3	5.1390	5.1428	4.9149	5.0096	4.9105	5.091	5.0315	3.1891

Sample Name: CCV08 Acquired: 5/28/2019 19:18:20 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4194
Stddev	.5105
%RSD	21.101

#1	2.2104
#2	3.0012
#3	2.0465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.7	45239.	4150.8	41.299	3462.9
Stddev	12.7	217.	25.6	.244	8.4
%RSD	.36164	.47982	.61651	.58969	.24247

#1	3489.2	45029.	4126.3	41.577	3455.5
#2	3509.9	45225.	4177.4	41.123	3461.3
#3	3512.2	45463.	4148.7	41.198	3472.0

Sample Name: CCB08 Acquired: 5/28/2019 19:22:27 Type: Unk
Method: P4-ICP2(v3152) 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	.00299	.00133	.00065	-.00088	.00034	-.00813	.00132	.00002
Stddev	.00059	.00023	.00047	.00030	.00119	.01648	.00028	.00001
%RSD	19.557	17.490	71.927	34.424	350.53	202.74	21.215	34.131
#1	.00367	.00123	.00109	-.00103	.00169	.00530	.00124	.00001
#2	.00270	.00159	.00071	-.00108	-.00011	-.00317	.00109	.00003
#3	.00261	.00116	.00016	-.00053	-.00056	-.02651	.00164	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00387	.00011	-.00011	-.00040	-.00171	.00006	-.03837
Stddev	.00008	.00977	.00049	.00011	.00026	.00104	.00007	.00465
%RSD	263.58	252.28	437.55	103.12	65.678	60.760	123.70	12.111
#1	-.00006	-.00144	-.00015	-.00024	-.00066	-.00091	.00013	-.03370
#2	.00005	.00445	-.00020	-.00003	-.00041	-.00288	.00001	-.04299
#3	.00010	-.01463	.00068	-.00006	-.00013	-.00133	.00002	-.03843
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00022	-.03305	.00010	.00007	.00134	.00065	-.02465
Stddev	.00019	.00014	.00906	.00034	.00009	.01771	.00019	.01344
%RSD	50.839	63.159	27.423	358.11	134.68	1317.0	29.689	54.540
#1	.00016	-.00008	-.04346	-.00009	.00017	-.00767	.00087	-.01015
#2	.00052	-.00036	-.02880	.00049	.00005	.02175	.00054	-.02709
#3	.00045	-.00023	-.02689	-.00012	-.00001	-.01005	.00053	-.03670
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03697	.00594	-.00100	.00189	-.00010	.0048	.00024	F 2.2772
Stddev	.00171	.00195	.00075	.00235	.00027	.0008	.00006	.0556
%RSD	4.6178	32.794	75.093	124.02	255.83	17.52	24.374	2.4394
#1	.03776	.00783	-.00028	.00244	-.00002	.0046	.00027	2.2138
#2	.03815	.00605	-.00094	-.00068	-.00041	.0058	.00027	2.3174
#3	.03502	.00394	-.00178	.00392	.00011	.0042	.00017	2.3005

Sample Name: CCB08 Acquired: 5/28/2019 19:22:27 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7549
Stddev .4699
%RSD 26.778

#1 2.0920
#2 1.9547
#3 1.2181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.2	47852.	4175.6	43.013	3881.5
Stddev	10.3	215.	19.5	1.371	8.0
%RSD	.28078	.45000	.46702	3.1866	.20506

#1	3676.3	47645.	4188.8	44.470	3889.6
#2	3663.3	47836.	4153.2	42.818	3873.7
#3	3656.0	48074.	4184.8	41.750	3881.2

Sample Name: K3068-10 Acquired: 5/28/2019 19:26:55 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6E(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10597	-.01656	6.9399	.00003	.01056	109.21	3.3888
Stddev	.00069	.00132	.0053	.00233	.00281	.34	.0047
%RSD	.64879	7.9613	.07714	9274.6	26.595	.30969	.13985

#1	.10566	-.01760	6.9340	-.00021	.01365	108.99	3.3935
#2	.10550	-.01701	6.9413	.00246	.00816	109.04	3.3841
#3	.10676	-.01508	6.9444	-.00218	.00988	109.60	3.3886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01840	.00872	137.06	.22489	.13706	1.2554	208.21
Stddev	.00016	.00019	.28	.00008	.00079	.0011	.30
%RSD	.84695	2.1932	.20301	.03338	.57679	.08647	.14474

#1	.01845	.00867	136.78	.22498	.13620	1.2553	208.36
#2	.01853	.00856	137.07	.22486	.13776	1.2566	207.87
#3	.01823	.00893	137.34	.22484	.13721	1.2544	208.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0950	60.931	.29804	-.00853	5.0784	.40244	4.1428
Stddev	.0074	.298	.00115	.00024	.0168	.00139	.0023
%RSD	.14591	.48873	.38432	2.7658	.33083	.34482	.05510

#1	5.1014	60.615	.29716	-.00826	5.0964	.40397	4.1402
#2	5.0968	60.970	.29762	-.00864	5.0631	.40207	4.1434
#3	5.0869	61.207	.29933	-.00870	5.0758	.40127	4.1446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.855	.00935	.21367	4.3202	3.3795	.21840	5.1629
Stddev	.094	.00044	.00368	.0104	.0209	.00022	.0176
%RSD	.47552	4.7022	1.7242	.24050	.61934	.09940	.34133

#1	19.964	.00911	.21097	4.3149	3.4034	.21824	5.1447
#2	19.792	.00985	.21217	4.3321	3.3708	.21865	5.1799
#3	19.810	.00907	.21786	4.3135	3.3643	.21832	5.1641

Sample Name: K3068-10 Acquired: 5/28/2019 19:26:55 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6E(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16398	F 13.24	.50116	<.00000	F<.00000
Stddev	.00118	.02	.00086	.08523	.30099
%RSD	.71842	.1672	.17237	14.109	1.1862
#1	.16531	13.22	.50032	-.56822	-25.505
#2	.16306	13.26	.50205	-.70137	-25.030
#3	.16358	13.24	.50110	-.54262	-25.588
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4091.8	53506.	5096.7	41.277	3272.9
Stddev	5.2	155.	10.1	2.394	5.3
%RSD	.12749	.29031	.19835	5.8002	.16201
#1	4096.5	53353.	5085.4	41.757	3279.0
#2	4086.2	53664.	5104.9	38.680	3270.2
#3	4092.8	53502.	5099.8	43.396	3269.5

Sample Name: K3068-11 Acquired: 5/28/2019 19:31:28 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6S(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07934	-.00163	2.9285	.00107	.00707	124.40	1.8425
Stddev	.00176	.00211	.0115	.00079	.00057	.48	.0060
%RSD	2.2172	129.27	.39310	73.961	8.0388	.38803	.32381

#1	.08107	-.00406	2.9395	.00198	.00643	124.78	1.8494
#2	.07755	-.00058	2.9295	.00063	.00728	123.86	1.8392
#3	.07939	-.00026	2.9165	.00059	.00751	124.57	1.8389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01532	.00397	209.28	.25105	.09418	.70365	180.29
Stddev	.00004	.00011	1.40	.00078	.00030	.00123	.98
%RSD	.28887	2.7677	.67085	.31126	.31339	.17472	.54350

#1	.01527	.00388	207.76	.25069	.09441	.70408	180.40
#2	.01536	.00394	210.53	.25052	.09385	.70460	181.21
#3	.01533	.00410	209.57	.25195	.09428	.70226	179.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1353	58.789	.25938	-.00366	1.6835	.30929	2.5268
Stddev	.0282	.069	.00081	.00016	.0196	.00122	.0091
%RSD	.45909	.11758	.31180	4.3233	1.1610	.39435	.36021

#1	6.1543	58.709	.26016	-.00383	1.7058	.30817	2.5362
#2	6.1030	58.827	.25942	-.00352	1.6754	.31059	2.5262
#3	6.1487	58.830	.25855	-.00363	1.6694	.30912	2.5181

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.305	.00925	.19153	9.5673	3.2775	.10432	2.0011
Stddev	.053	.00007	.00630	.0449	.0428	.00038	.0149
%RSD	.39962	.77040	3.2876	.46894	1.3047	.36273	.74322

#1	13.361	.00931	.18878	9.5967	3.2362	.10476	1.9842
#2	13.300	.00927	.18707	9.5896	3.3216	.10410	2.0072
#3	13.255	.00917	.19873	9.5157	3.2745	.10410	2.0120

Sample Name: K3068-11 Acquired: 5/28/2019 19:31:28 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6S(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16354	F 10.82	.73063	<.00000	F<.00000
Stddev	.00202	.01	.00465	.02626	1.3115
%RSD	1.2361	.1253	.63617	19.973	6.9908
#1	.16148	10.83	.72527	-.14125	-17.768
#2	.16552	10.81	.73338	-.10171	-20.247
#3	.16360	10.81	.73326	-.15140	-18.266
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.1	52120.	5103.6	41.644	3263.7
Stddev	21.3	98.	43.3	.817	10.8
%RSD	.53427	.18869	.84746	1.9620	.33162
#1	3972.3	52043.	5146.6	40.832	3252.5
#2	3984.3	52086.	5060.1	42.466	3264.5
#3	4013.7	52231.	5104.1	41.634	3274.1

Sample Name: K3068-12 Acquired: 5/28/2019 19:36:03 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6W(8-9) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05722	.00367	1.7501	-.03010	.01483	90.286	1.2979
Stddev	.00199	.00168	.0036	.00093	.00031	.018	.0046
%RSD	3.4739	45.622	.20339	3.0755	2.1020	.01991	.35636

#1	.05802	.00174	1.7540	-.02938	.01477	90.277	1.2926
#2	.05869	.00452	1.7493	-.02978	.01516	90.307	1.3001
#3	.05496	.00476	1.7471	-.03115	.01455	90.275	1.3011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02199	.00085	940.59	.27492	.04887	.42802	324.45
Stddev	.00017	.00046	4.63	.00093	.00017	.00124	1.63
%RSD	.77577	53.512	.49239	.33953	.34409	.28944	.50176

#1	.02215	.00060	937.93	.27492	.04897	.42886	325.41
#2	.02181	.00138	937.89	.27399	.04896	.42860	322.57
#3	.02200	.00058	945.93	.27586	.04867	.42660	325.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7777	39.567	.09929	-.01859	7.2174	.26370	1.8104
Stddev	.0091	.242	.00045	.00071	.0078	.00305	.0016
%RSD	.23956	.61080	.44968	3.8167	.10827	1.1566	.08978

#1	3.7722	39.289	.09947	-.01800	7.2097	.26061	1.8109
#2	3.7727	39.692	.09878	-.01839	7.2253	.26379	1.8117
#3	3.7881	39.721	.09962	-.01937	7.2170	.26671	1.8086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.102	.08122	.34046	F 355.94	3.4426	.69939	2.0138
Stddev	.073	.00044	.02759	.88	.0302	.00318	.0180
%RSD	.65440	.53670	8.1034	.24618	.87596	.45404	.89470

#1	11.060	.08171	.30871	356.77	3.4437	.70162	1.9940
#2	11.061	.08086	.35406	355.03	3.4119	.69576	2.0182
#3	11.186	.08110	.35861	356.01	3.4722	.70080	2.0292

Sample Name: K3068-12 Acquired: 5/28/2019 19:36:03 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6W(8-9) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14862	5.228	2.8075	1.6198	F<.00000
Stddev	.00240	.010	.0073	.0537	.80776
%RSD	1.6140	.1827	.26169	3.3133	2.4028

#1	.14767	5.238	2.8051	1.6633	-33.563
#2	.14685	5.218	2.8016	1.5598	-32.839
#3	.15135	5.229	2.8157	1.6363	-34.452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.4	44491.	4446.8	40.694	2939.8
Stddev	10.9	40.	13.8	.933	4.3
%RSD	.32141	.08944	.31036	2.2932	.14669

#1	3370.2	44454.	4438.3	41.567	2935.0
#2	3379.3	44533.	4462.7	39.710	2940.8
#3	3391.8	44485.	4439.3	40.803	2943.5

Sample Name: K3068-13 Acquired: 5/28/2019 19:40:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7N(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02726	-.01104	.51104	-.00873	.00348	166.92	1.3302
Stddev	.00368	.00109	.00180	.00124	.00167	.66	.0021
%RSD	13.480	9.9125	.35320	14.221	47.982	.39406	.15584

#1	.02307	-.01008	.51312	-.00995	.00156	166.46	1.3286
#2	.02994	-.01223	.51009	-.00747	.00458	167.67	1.3325
#3	.02878	-.01081	.50991	-.00875	.00430	166.62	1.3295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01270	-.00095	877.49	.14012	.08126	.30481	137.28
Stddev	.00026	.00003	5.84	.00063	.00032	.00074	.64
%RSD	2.0252	2.8226	.66542	.44640	.39387	.24115	.46746

#1	.01290	-.00093	871.68	.13968	.08115	.30493	137.99
#2	.01278	-.00098	883.36	.14083	.08100	.30402	136.74
#3	.01241	-.00094	877.43	.13983	.08161	.30548	137.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1222	138.39	.16671	-.00766	7.9605	.24811	.51883
Stddev	.0049	.39	.00027	.00001	.0237	.00103	.00088
%RSD	.11845	.28450	.15942	.08494	.29777	.41423	.16976

#1	4.1185	138.30	.16678	-.00767	7.9546	.24701	.51948
#2	4.1205	138.82	.16642	-.00766	7.9866	.24827	.51919
#3	4.1278	138.05	.16693	-.00766	7.9403	.24904	.51783

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.210	.00244	.16523	F 10.255	4.1875	.08404	3.6637
Stddev	.054	.00035	.00923	.026	.0056	.00078	.0237
%RSD	.37929	14.284	5.5847	.25659	.13487	.92682	.64744

#1	14.177	.00268	.17548	10.270	4.1813	.08439	3.6397
#2	14.272	.00204	.16262	10.225	4.1924	.08459	3.6872
#3	14.181	.00260	.15759	10.270	4.1888	.08315	3.6642

Sample Name: K3068-13 Acquired: 5/28/2019 19:40:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7N(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16568	7.271	3.4106	2.3119	F<.00000
Stddev	.00028	.015	.0202	.0469	1.0723
%RSD	.16990	.2005	.59093	2.0289	27.423

#1	.16557	7.286	3.3910	2.2988	-4.5834
#2	.16599	7.268	3.4312	2.3639	-2.6736
#3	.16546	7.257	3.4096	2.2729	-4.4733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.1	47357.	4759.7	38.624	2895.7
Stddev	8.4	109.	14.7	.885	6.2
%RSD	.23070	.23086	.30822	2.2912	.21428

#1	3612.5	47273.	4769.7	37.603	2890.1
#2	3621.6	47318.	4742.9	39.166	2894.6
#3	3629.2	47481.	4766.6	39.103	2902.4

Sample Name: K3068-14 Acquired: 5/28/2019 19:44:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7N(17-18) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01754	-.00367	.10805	-.00181	.00722	93.225	1.3857
Stddev	.00046	.00052	.00078	.00404	.00062	.350	.0043
%RSD	2.6089	14.166	.71806	223.59	8.6007	.37530	.31089

#1	.01701	-.00405	.10894	-.00276	.00695	93.204	1.3809
#2	.01786	-.00308	.10761	.00262	.00793	92.886	1.3869
#3	.01775	-.00388	.10758	-.00528	.00677	93.585	1.3892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01668	-.00214	26.178	.21241	.11616	.44157	205.07
Stddev	.00014	.00028	.019	.00046	.00061	.00121	1.06
%RSD	.86302	13.042	.07385	.21620	.52814	.27371	.51758

#1	.01665	-.00208	26.170	.21269	.11574	.44019	204.71
#2	.01655	-.00189	26.163	.21188	.11686	.44208	204.23
#3	.01684	-.00244	26.200	.21266	.11587	.44244	206.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.582	49.901	.24602	-.00769	2.4524	.31355	.64674
Stddev	.051	.145	.00025	.00021	.0070	.00048	.00113
%RSD	.43992	.28967	.09964	2.7169	.28673	.15428	.17532

#1	11.549	49.914	.24583	-.00789	2.4552	.31359	.64803
#2	11.557	50.039	.24594	-.00773	2.4444	.31305	.64591
#3	11.641	49.751	.24630	-.00747	2.4577	.31402	.64628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.418	.00152	.19398	.41261	3.7169	.01139	2.1862
Stddev	.023	.00016	.02230	.00268	.0074	.00102	.0148
%RSD	.12290	10.386	11.496	.64848	.19970	8.9982	.67555

#1	18.404	.00141	.20550	.41398	3.7231	.01195	2.1692
#2	18.407	.00170	.16828	.41432	3.7087	.01201	2.1952
#3	18.444	.00145	.20816	.40953	3.7188	.01021	2.1942

Sample Name: K3068-14 Acquired: 5/28/2019 19:44:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7N(17-18) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22942	8.063	-.08003	<.00000	F<.00000
Stddev	.00238	.018	.00103	.05058	.81352
%RSD	1.0356	.2196	1.2902	7.4446	3.2924

#1	.22689	8.080	-.08057	-.70363	-24.338
#2	.22977	8.045	-.07884	-.62127	-25.642
#3	.23160	8.065	-.08067	-.71333	-24.148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4186.3	54658.	5062.5	42.339	3431.9
Stddev	14.4	148.	18.8	1.403	5.4
%RSD	.34475	.27005	.37111	3.3138	.15860

#1	4202.9	54497.	5041.1	41.949	3425.7
#2	4179.4	54787.	5076.4	41.173	3435.9
#3	4176.6	54689.	5069.9	43.896	3434.1

Sample Name: K3068-15 Acquired: 5/28/2019 19:49:21 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7N(18-19) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02362	-.00020	.05364	.00476	.00260	51.488	.76441
Stddev	.00127	.00038	.00049	.00254	.00041	.158	.00161
%RSD	5.3958	194.24	.90917	53.313	15.751	.30663	.21067

#1	.02289	-.00063	.05382	.00725	.00307	51.324	.76277
#2	.02289	.00007	.05308	.00218	.00233	51.503	.76447
#3	.02510	-.00003	.05401	.00485	.00240	51.639	.76599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00824	-.00344	19.831	.07629	.06459	.15362	120.79
Stddev	.00011	.00004	.096	.00020	.00039	.00045	.64
%RSD	1.3602	1.2468	.48454	.26622	.60454	.29496	.53120

#1	.00811	-.00347	19.842	.07620	.06504	.15367	120.15
#2	.00829	-.00339	19.920	.07652	.06442	.15404	120.79
#3	.00831	-.00347	19.729	.07614	.06432	.15314	121.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7019	25.865	.12306	-.00302	1.4048	.16295	.35143
Stddev	.0199	.183	.00066	.00036	.0082	.00040	.00260
%RSD	.42361	.70828	.53643	11.825	.58382	.24685	.74025

#1	4.6814	25.838	.12265	-.00275	1.4042	.16249	.35360
#2	4.7212	25.698	.12272	-.00343	1.3969	.16322	.34855
#3	4.7030	26.061	.12382	-.00288	1.4132	.16314	.35213

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1945	.00064	.11411	.22410	3.8426	.00455	1.3238
Stddev	.0794	.00020	.01639	.00327	.0256	.00050	.0045
%RSD	.86313	31.333	14.359	1.4573	.66567	10.999	.33776

#1	9.1411	.00087	.12822	.22744	3.8619	.00421	1.3222
#2	9.1567	.00051	.09614	.22091	3.8522	.00431	1.3203
#3	9.2857	.00053	.11797	.22393	3.8136	.00512	1.3288

Sample Name: K3068-15 Acquired: 5/28/2019 19:49:21 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7N(18-19) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10662	8.063	-.05655	.18373	F<.00000
Stddev	.00093	.020	.00084	.12545	.30276
%RSD	.87017	.2445	1.4863	68.280	3.1540

#1	.10728	8.078	-.05569	.08707	-9.8954
#2	.10703	8.040	-.05658	.32550	-9.6119
#3	.10556	8.070	-.05737	.13862	-9.2903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4195.7	54568.	5023.8	43.631	3590.4
Stddev	21.6	95.	30.8	.772	23.0
%RSD	.51439	.17457	.61247	1.7684	.64071

#1	4176.3	54506.	4998.9	43.290	3573.2
#2	4219.0	54677.	5014.2	43.088	3616.5
#3	4191.9	54520.	5058.2	44.514	3581.4

Sample Name: K3068-16 Acquired: 5/28/2019 19:53:52 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01430	-.01877	.22783	-.01222	.00617	134.56	.77977
Stddev	.00137	.00056	.00102	.00085	.00058	.94	.00583
%RSD	9.5788	2.9619	.44704	6.9828	9.3430	.69814	.74725

#1	.01278	-.01827	.22840	-.01134	.00555	133.48	.77310
#2	.01467	-.01937	.22665	-.01227	.00668	135.00	.78233
#3	.01545	-.01866	.22844	-.01304	.00629	135.19	.78388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01624	-.00038	209.94	.16482	.14764	.58913	211.85
Stddev	.00021	.00011	1.16	.00063	.00021	.00189	.38
%RSD	1.3155	29.465	.55251	.38290	.14332	.32008	.18060

#1	.01633	-.00034	208.79	.16433	.14771	.58911	211.71
#2	.01599	-.00050	209.94	.16459	.14740	.59103	212.28
#3	.01639	-.00029	211.11	.16553	.14781	.58726	211.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2522	81.840	.33043	-.01104	3.4301	.50116	1.0618
Stddev	.0296	.566	.00045	.00065	.0195	.00034	.0024
%RSD	.56261	.69196	.13474	5.9255	.56905	.06766	.22262

#1	5.2193	81.253	.33024	-.01161	3.4078	.50141	1.0642
#2	5.2766	81.884	.33094	-.01033	3.4389	.50077	1.0616
#3	5.2607	82.383	.33011	-.01119	3.4438	.50130	1.0595

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.456	.00320	.36984	9.3340	1.9179	.01745	5.8135
Stddev	.088	.00025	.02205	.0250	.0085	.00117	.0144
%RSD	.57242	7.7230	5.9620	.26841	.44434	6.6930	.24778

#1	15.362	.00307	.39334	9.3627	1.9269	.01825	5.7990
#2	15.468	.00348	.34961	9.3162	1.9167	.01611	5.8278
#3	15.538	.00304	.36658	9.3232	1.9100	.01798	5.8138

Sample Name: K3068-16 Acquired: 5/28/2019 19:53:52 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23255	5.423	.60896	<.00000	F<.00000
Stddev	.00115	.010	.00447	.09775	.94252
%RSD	.49291	.1848	.73424	398.77	3.5799
#1	.23249	5.429	.60383	.03146	-25.240
#2	.23372	5.411	.61100	.03238	-26.899
#3	.23143	5.428	.61204	-.13739	-26.845
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.5	52267.	5052.8	41.292	3213.0
Stddev	9.6	57.	7.7	.848	4.8
%RSD	.24328	.10952	.15190	2.0530	.15039
#1	3960.3	52331.	5045.2	40.890	3207.4
#2	3945.5	52221.	5052.5	42.266	3216.0
#3	3963.6	52249.	5060.6	40.721	3215.5

Sample Name: K3068-17 Acquired: 5/28/2019 19:58:26 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7E(17-18) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01284	-.00339	.16351	.00053	.00492	98.843	1.4173
Stddev	.00195	.00106	.00055	.00259	.00103	.723	.0052
%RSD	15.192	31.374	.33822	486.55	20.970	.73105	.36474

#1	.01427	-.00229	.16413	-.00180	.00450	98.012	1.4120
#2	.01062	-.00442	.16309	.00007	.00416	99.321	1.4224
#3	.01363	-.00346	.16330	.00332	.00609	99.197	1.4175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01664	.01121	26.856	.18103	.18100	.20578	181.72
Stddev	.00011	.00015	.044	.00097	.00036	.00097	.55
%RSD	.64613	1.3052	.16266	.53528	.19940	.47173	.30403

#1	.01658	.01136	26.875	.17992	.18104	.20678	182.10
#2	.01657	.01120	26.806	.18145	.18062	.20484	181.98
#3	.01676	.01107	26.887	.18172	.18133	.20574	181.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.024	65.091	.56812	-.00823	1.9090	.21353	1.1872
Stddev	.034	.327	.00032	.00049	.0120	.00125	.0041
%RSD	.22669	.50245	.05583	5.9706	.62892	.58748	.34890

#1	14.993	64.753	.56793	-.00777	1.8981	.21353	1.1825
#2	15.061	65.406	.56794	-.00818	1.9218	.21227	1.1904
#3	15.017	65.115	.56849	-.00875	1.9070	.21478	1.1887

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.334	.00253	.16127	.38304	2.2946	.01520	2.0463
Stddev	.087	.00007	.01335	.00353	.0118	.00044	.0093
%RSD	.39141	2.8533	8.2773	.92238	.51509	2.8698	.45244

#1	22.244	.00260	.16330	.38694	2.2904	.01488	2.0416
#2	22.418	.00252	.14702	.38216	2.2856	.01502	2.0403
#3	22.339	.00246	.17349	.38004	2.3080	.01570	2.0569

Sample Name: K3068-17 Acquired: 5/28/2019 19:58:26 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(17-18) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35972	9.084	-.05480	<.00000	F<.00000
Stddev	.00147	.012	.00071	.18187	1.2136
%RSD	.41002	.1278	1.2929	2.7787	3.4900

#1	.35802	9.092	-.05534	-6.4051	-33.850
#2	.36054	9.071	-.05506	-6.7509	-34.324
#3	.36060	9.089	-.05400	-6.4803	-36.149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5620.8	73410.	6893.5	41.827	3299.7
Stddev	5.3	168.	36.2	.199	13.3
%RSD	.09367	.22915	.52560	.47573	.40293

#1	5615.0	73368.	6852.2	42.016	3315.0
#2	5622.4	73267.	6920.1	41.846	3292.4
#3	5625.2	73596.	6908.1	41.619	3291.5

Sample Name: K3068-18 Acquired: 5/28/2019 20:03:01 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7E(19-20) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01395	-.00311	.13096	-.00149	.00553	110.91	1.5219
Stddev	.00018	.00131	.00042	.00082	.00105	.93	.0113
%RSD	1.2656	42.060	.31892	54.874	18.973	.83738	.73950

#1	.01410	-.00461	.13108	-.00214	.00432	110.17	1.5101
#2	.01400	-.00221	.13131	-.00057	.00610	110.60	1.5229
#3	.01376	-.00251	.13050	-.00175	.00616	111.95	1.5325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01723	-.00271	120.07	.19602	.13436	.31745	202.92
Stddev	.00023	.00015	.45	.00067	.00015	.00060	.85
%RSD	1.3094	5.6397	.37675	.34319	.11105	.18810	.42003

#1	.01697	-.00262	120.17	.19525	.13428	.31698	202.50
#2	.01733	-.00262	119.57	.19649	.13454	.31812	202.35
#3	.01738	-.00288	120.46	.19632	.13428	.31724	203.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6233	68.667	.30905	-.00916	2.5636	.24713	.78868
Stddev	.0553	.438	.00074	.00071	.0312	.00118	.00246
%RSD	.57468	.63840	.23828	7.6999	1.2174	.47886	.31192

#1	9.5872	68.218	.30893	-.00988	2.5334	.24642	.79152
#2	9.5956	68.688	.30984	-.00913	2.5617	.24850	.78725
#3	9.6869	69.094	.30838	-.00847	2.5958	.24648	.78728

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.977	.00275	.22442	.54365	4.5701	.01366	2.5237
Stddev	.187	.00019	.02010	.00068	.0650	.00085	.0166
%RSD	.71907	6.8700	8.9558	.12581	1.4222	6.2264	.65846

#1	25.795	.00265	.20185	.54375	4.6366	.01268	2.5373
#2	25.969	.00263	.23101	.54292	4.5067	.01418	2.5052
#3	26.168	.00297	.24040	.54428	4.5672	.01412	2.5286

Sample Name: K3068-18 Acquired: 5/28/2019 20:03:01 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(19-20) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35013	8.348	-.00148	.28526	F<.00000
Stddev	.00150	.016	.00082	.08233	.43630
%RSD	.42731	.1898	55.785	28.862	1.9746
#1	.35077	8.345	-.00054	.34275	-22.588
#2	.34842	8.365	-.00208	.19094	-21.756
#3	.35119	8.334	-.00181	.32208	-21.942
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.3	52793.	4986.9	41.661	3295.3
Stddev	8.3	73.	36.5	.398	9.8
%RSD	.20607	.13806	.73284	.95467	.29607
#1	4041.5	52836.	4944.8	41.511	3284.6
#2	4058.1	52834.	5010.0	41.359	3297.7
#3	4051.3	52709.	5006.0	42.111	3303.7

Sample Name: K3068-19 Acquired: 5/28/2019 20:07:36 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-8N(3.5-4.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02767	-.00406	1.2914	.00096	.00536	125.27	1.0755
Stddev	.00071	.00145	.0030	.00380	.00091	1.10	.0150
%RSD	2.5771	35.676	.23319	396.30	17.031	.87568	1.3971

#1	.02832	-.00283	1.2949	-.00219	.00542	124.12	1.0589
#2	.02691	-.00369	1.2895	.00518	.00624	125.36	1.0793
#3	.02779	-.00565	1.2898	-.00011	.00442	126.31	1.0882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01432	-.00182	36.444	.13586	.09817	.20638	163.41
Stddev	.00010	.00012	.207	.00050	.00052	.00037	.84
%RSD	.70061	6.5688	.56861	.36459	.52767	.17931	.51687

#1	.01421	-.00192	36.223	.13616	.09812	.20679	162.57
#2	.01434	-.00185	36.473	.13529	.09871	.20624	164.26
#3	.01440	-.00169	36.635	.13613	.09767	.20609	163.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5048	39.858	.18555	-.00571	3.3969	.27581	.67095
Stddev	.0198	.554	.00014	.00008	.0350	.00071	.00082
%RSD	.36044	1.3898	.07619	1.4046	1.0294	.25587	.12199

#1	5.5144	39.228	.18568	-.00579	3.3585	.27504	.67155
#2	5.4820	40.077	.18558	-.00563	3.4052	.27596	.67128
#3	5.5179	40.268	.18540	-.00572	3.4269	.27643	.67002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.084	.00304	.15699	1.9691	3.4743	.03834	2.0381
Stddev	.111	.00016	.00428	.0023	.0331	.00027	.0126
%RSD	1.1048	5.3738	2.7266	.11481	.95208	.70056	.61743

#1	9.9597	.00307	.15445	1.9691	3.5121	.03819	2.0284
#2	10.115	.00319	.16193	1.9714	3.4603	.03818	2.0336
#3	10.176	.00287	.15459	1.9669	3.4505	.03865	2.0523

Sample Name: K3068-19 Acquired: 5/28/2019 20:07:36 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-8N(3.5-4.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15525	8.606	.01008	<.00000	F<.00000
Stddev	.00105	.023	.00105	.12869	.70890
%RSD	.67362	.2643	10.394	10.076	3.6416
#1	.15523	8.629	.01016	-1.1527	-19.609
#2	.15421	8.606	.00899	-1.2691	-18.698
#3	.15630	8.584	.01109	-1.4097	-20.094
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4507.6	58984.	5545.5	42.253	3431.4
Stddev	2.9	108.	53.2	1.256	2.5
%RSD	.06462	.18245	.95934	2.9719	.07176
#1	4505.3	58860.	5484.5	40.969	3433.7
#2	4510.9	59054.	5569.1	43.479	3431.7
#3	4506.7	59039.	5582.8	42.311	3428.8

Sample Name: CCV09 Acquired: 5/28/2019 20:12:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0832	4.9061	4.7208	5.0233	4.8562	9.4337	9.9516	.24641
Stddev	.0062	.0112	.0091	.0200	.0126	.0469	.0737	.00113
%RSD	.12105	.22796	.19354	.39766	.25961	.49728	.74087	.45822
#1	5.0834	4.8948	4.7106	5.0415	4.8707	9.4456	9.9088	.24771
#2	5.0770	4.9063	4.7282	5.0019	4.8497	9.4735	9.9093	.24572
#3	5.0893	4.9172	4.7238	5.0264	4.8481	9.3820	10.037	.24580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3817	24.707	.97819	2.3820	1.2030	4.8733	2.4378	24.255
Stddev	.0057	.186	.00085	.0044	.0017	.0105	.0020	.239
%RSD	.23879	.75229	.08687	.18337	.13791	.21602	.08046	.98733
#1	2.3751	24.502	.97859	2.3770	1.2044	4.8853	2.4400	24.056
#2	2.3847	24.751	.97877	2.3853	1.2012	4.8691	2.4373	24.521
#3	2.3852	24.866	.97721	2.3837	1.2033	4.8656	2.4362	24.188
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4185	1.2583	24.518	2.4755	2.3575	25.042	5.0504	4.8985
Stddev	.0084	.0019	.142	.0009	.0044	.065	.0067	.0360
%RSD	.34611	.14721	.57802	.03565	.18736	.26029	.13188	.73469
#1	2.4091	1.2591	24.506	2.4750	2.3525	25.045	5.0465	4.8792
#2	2.4249	1.2596	24.665	2.4749	2.3609	25.105	5.0466	4.9400
#3	2.4217	1.2562	24.382	2.4765	2.3591	24.975	5.0581	4.8762
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0860	5.1233	4.9098	4.9607	4.8397	5.060	4.9660	F 3.5290
Stddev	.0139	.0149	.0175	.0119	.0120	.007	.0141	.1783
%RSD	.27399	.28978	.35691	.23909	.24797	.1408	.28468	5.0537
#1	5.0890	5.1200	4.8901	4.9501	4.8268	5.066	4.9515	3.3540
#2	5.0708	5.1104	4.9160	4.9735	4.8505	5.062	4.9798	3.5224
#3	5.0982	5.1396	4.9234	4.9585	4.8419	5.052	4.9668	3.7105

Sample Name: CCV09 Acquired: 5/28/2019 20:12:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0089
Stddev .8681
%RSD 28.850

#1 2.0139
#2 3.6116
#3 3.4010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.5	45655.	4139.5	41.831	3480.2
Stddev	8.0	185.	11.3	1.027	2.0
%RSD	.22555	.40603	.27360	2.4563	.05706

#1	3518.8	45510.	4134.9	41.501	3481.2
#2	3534.7	45592.	4152.4	41.009	3481.5
#3	3525.9	45864.	4131.1	42.983	3477.9

Sample Name: CCB09 Acquired: 5/28/2019 20:16:17 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8254 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00016	.00058	-.00018	.00028	-.01496	.00120	.00003
Stddev	.00294	.00017	.00034	.00084	.00073	.00411	.00023	.00006
%RSD	506.28	105.34	59.716	471.12	264.16	27.501	19.119	188.97
#1	-.00020	.00003	.00079	-.00105	-.00053	-.01329	.00147	-.00004
#2	.00215	-.00023	.00076	-.00011	.00047	-.01195	.00108	.00007
#3	-.00369	-.00027	.00018	.00062	.00089	-.01965	.00106	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00362	-.00013	-.00007	-.00059	-.00044	.00015	.01130
Stddev	.00001	.00526	.00009	.00023	.00029	.00097	.00002	.02735
%RSD	16.448	145.27	71.546	311.33	48.199	222.57	14.290	242.06
#1	.00006	-.00697	-.00003	-.00025	-.00051	-.00133	.00014	-.01769
#2	.00005	.00244	-.00022	.00019	-.00091	.00060	.00018	.03664
#3	.00005	-.00633	-.00014	-.00016	-.00036	-.00058	.00013	.01494
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.00001	-.04075	.00017	-.00013	-.00042	.00044	-.03142
Stddev	.00029	.00023	.00370	.00014	.00001	.03218	.00033	.01776
%RSD	104.41	2059.1	9.0791	84.124	11.076	7685.4	75.339	56.532
#1	.00036	-.00013	-.04368	.00014	-.00014	-.02554	.00082	-.01579
#2	.00053	.00028	-.04199	.00004	-.00013	-.01158	.00028	-.02774
#3	-.00004	-.00011	-.03659	.00032	-.00011	.03586	.00022	-.05074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01241	.00297	-.00127	.00157	-.00138	.0038	.00028	F 2.5756
Stddev	.00416	.00108	.00026	.00218	.00121	.0007	.00008	.1119
%RSD	33.518	36.191	20.168	138.52	87.795	17.36	27.776	4.3424
#1	.01672	.00317	-.00157	-.00077	-.00214	.0037	.00027	2.4697
#2	.01209	.00393	-.00116	.00196	.00002	.0031	.00036	2.6926
#3	.00842	.00181	-.00109	.00353	-.00201	.0045	.00021	2.5647

Sample Name: CCB09 Acquired: 5/28/2019 20:16:17 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8254 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6573
Stddev	.3664
%RSD	22.105

#1	2.0794
#2	1.4717
#3	1.4210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.2	48220.	4187.8	44.032	3921.1
Stddev	19.5	85.	13.5	1.629	17.3
%RSD	.52625	.17584	.32231	3.6990	.44238

#1	3717.8	48154.	4174.3	42.423	3940.3
#2	3694.7	48190.	4187.8	43.993	3916.4
#3	3679.2	48315.	4201.3	45.680	3906.5

Sample Name: K3068-20 Acquired: 5/28/2019 20:20:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-8W(3.5-4.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04863	-.01541	.90001	-.02184	.01247	150.88	1.2237
Stddev	.00304	.00268	.00055	.00310	.00199	.58	.0046
%RSD	6.2526	17.364	.06057	14.190	15.991	.38336	.37896

#1	.04884	-.01593	.89950	-.01837	.01310	151.54	1.2278
#2	.05156	-.01252	.89994	-.02431	.01406	150.58	1.2186
#3	.04549	-.01779	.90059	-.02285	.01023	150.51	1.2247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02181	.00344	798.12	.17450	.24192	1.2240	287.78
Stddev	.00024	.00027	2.14	.00030	.00037	.0008	1.69
%RSD	1.0793	7.7889	.26762	.17355	.15363	.06399	.58843

#1	.02205	.00351	796.48	.17431	.24232	1.2235	288.05
#2	.02158	.00366	800.54	.17433	.24183	1.2249	285.97
#3	.02180	.00314	797.35	.17485	.24159	1.2235	289.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4165	96.292	1.1584	-.02050	11.323	.30960	2.3383
Stddev	.0336	.695	.0021	.00039	.048	.00116	.0011
%RSD	.62085	.72214	.18410	1.9145	.42467	.37451	.04846

#1	5.4151	96.992	1.1608	-.02090	11.378	.31082	2.3384
#2	5.4509	95.601	1.1571	-.02011	11.288	.30851	2.3394
#3	5.3837	96.282	1.1572	-.02049	11.303	.30949	2.3371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.288	.04108	.29131	F 92.533	2.1574	.04827	4.9138
Stddev	.085	.00020	.01062	.178	.0212	.00075	.0045
%RSD	.34874	.48043	3.6469	.19245	.98467	1.5602	.09167

#1	24.361	.04086	.28463	92.711	2.1555	.04896	4.9182
#2	24.195	.04119	.28573	92.533	2.1795	.04838	4.9140
#3	24.307	.04121	.30356	92.354	2.1372	.04747	4.9092

Sample Name: K3068-20 Acquired: 5/28/2019 20:20:46 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-8W(3.5-4.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19431	7.321	2.2787	1.3309	F<.00000
Stddev	.00056	.003	.0127	.0706	.65666
%RSD	.28592	.0390	.55516	5.3079	1.9797

#1	.19491	7.325	2.2746	1.2788	-32.442
#2	.19381	7.321	2.2929	1.3025	-33.717
#3	.19422	7.319	2.2686	1.4113	-33.351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.1	47566.	4707.2	39.944	2899.0
Stddev	4.6	69.	31.9	1.026	3.4
%RSD	.12841	.14577	.67750	2.5687	.11667

#1	3617.4	47495.	4734.7	40.111	2899.4
#2	3613.5	47633.	4672.2	40.876	2902.2
#3	3608.2	47570.	4714.6	38.845	2895.5

Sample Name: PB120125BL Acquired: 5/28/2019 20:25:19 Type: Unk
Method: P4-ICP2(v3152) 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	.00125	-.00059	-.00052	-.00105	.00028	-.01835	.00091	.00001
Stddev	.00267	.00085	.00035	.00091	.00078	.00242	.00011	.00005
%RSD	213.28	143.94	66.550	86.928	282.50	13.183	12.035	554.94
#1	-.00138	-.00018	-.00092	-.00187	.00012	-.01956	.00102	-.00004
#2	.00397	-.00157	-.00038	-.00007	-.00041	-.01557	.00081	.00006
#3	.00117	-.00003	-.00027	-.00121	.00113	-.01993	.00090	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01999	.00028	-.00019	-.00030	.00771	.00011	-.01286
Stddev	.00003	.00902	.00027	.00005	.00022	.00124	.00003	.02380
%RSD	87.427	45.112	96.270	24.237	75.504	16.124	25.948	185.05
#1	.00007	.02960	-.00002	-.00025	-.00010	.00906	.00014	.01431
#2	.00003	.01866	.00048	-.00017	-.00024	.00744	.00008	-.02290
#3	.00001	.01171	.00037	-.00016	-.00054	.00662	.00012	-.02999
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00000	-.04275	.00026	-.00022	.00187	-.00003	-.02578
Stddev	.00023	.00024	.00067	.00026	.00003	.00957	.00011	.02541
%RSD	43.781	113200.	1.5557	100.77	12.169	512.57	401.57	98.571
#1	.00063	-.00004	-.04214	.00055	-.00020	-.00853	-.00014	-.05493
#2	.00068	.00026	-.04264	.00018	-.00021	.00381	.00008	-.01411
#3	.00026	-.00022	-.04346	.00005	-.00025	.01032	-.00002	-.00830
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02744	.00096	-.00165	.00286	-.00241	.0035	.00020	F 2.9321
Stddev	.00401	.00035	.00024	.00111	.00123	.0014	.00008	.0521
%RSD	14.622	37.021	14.558	38.711	51.283	39.48	42.189	1.7779
#1	.03189	.00061	-.00164	.00194	-.00099	.0031	.00029	2.9721
#2	.02410	.00094	-.00142	.00409	-.00326	.0024	.00018	2.8732
#3	.02634	.00132	-.00190	.00255	-.00298	.0051	.00012	2.9511

Sample Name: PB120125BL Acquired: 5/28/2019 20:25:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1650
Stddev	.5751
%RSD	26.562

#1	2.6308
#2	2.3419
#3	1.5223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3689.6	47975.	4147.3	43.736	3906.4
Stddev	21.3	218.	8.9	.927	16.1
%RSD	.57797	.45447	.21413	2.1188	.41328

#1	3666.8	47818.	4140.4	42.943	3890.0
#2	3692.8	47883.	4144.1	44.755	3906.7
#3	3709.1	48224.	4157.3	43.509	3922.3

Sample Name: PB120125BS Acquired: 5/28/2019 20:29:49 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86394	2.1979	1.0392	2.2370	.83045	2.0122	.22194	.21726
Stddev	.00564	.0014	.0015	.0089	.00212	.0155	.00170	.00032
%RSD	.65333	.06301	.14085	.39951	.25564	.76836	.76429	.14914
#1	.86652	2.1966	1.0396	2.2267	.83261	2.0000	.22144	.21693
#2	.85747	2.1993	1.0375	2.2430	.82837	2.0070	.22055	.21727
#3	.86784	2.1979	1.0403	2.2413	.83037	2.0296	.22383	.21758
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20721	1.1563	.44578	.21222	.32418	3.3698	.22393	2.1313
Stddev	.00029	.0206	.00186	.00041	.00076	.0013	.00039	.0902
%RSD	.14216	1.7828	.41759	.19159	.23504	.03731	.17495	4.2316
#1	.20717	1.1334	.44462	.21202	.32361	3.3702	.22348	2.0382
#2	.20752	1.1735	.44793	.21269	.32504	3.3684	.22416	2.1374
#3	.20693	1.1619	.44480	.21196	.32388	3.3708	.22415	2.2182
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53913	.08268	3.2688	.33577	.20492	11.101	.44899	.30832
Stddev	.00025	.00032	.0203	.00066	.00016	.090	.00049	.01253
%RSD	.04575	.38864	.62196	.19714	.07635	.81182	.10986	4.0636
#1	.53913	.08296	3.2533	.33623	.20489	11.023	.44843	.29695
#2	.53938	.08233	3.2614	.33501	.20477	11.082	.44934	.30626
#3	.53888	.08275	3.2919	.33607	.20508	11.200	.44921	.32175
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01226	1.0226	.75005	.22315	.22223	6.214	.21853	F 3.0451
Stddev	.00066	.0072	.00101	.00166	.00148	.003	.00063	.1310
%RSD	5.3979	.70732	.13470	.74595	.66489	.0470	.28718	4.3006
#1	.01249	1.0279	.74935	.22417	.22067	6.217	.21880	2.8960
#2	.01278	1.0257	.75121	.22123	.22241	6.214	.21898	3.0978
#3	.01151	1.0144	.74960	.22406	.22361	6.211	.21782	3.1414

Sample Name: PB120125BS Acquired: 5/28/2019 20:29:49 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.66536
Stddev	.60713
%RSD	91.248

#1	.97729
#2	1.0531
#3	-.03432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.9	47530.	4129.7	42.632	3795.6
Stddev	11.0	189.	30.8	2.366	10.2
%RSD	.30250	.39738	.74655	5.5504	.26914

#1	3638.3	47312.	4109.1	40.738	3787.9
#2	3645.5	47639.	4114.9	41.874	3791.7
#3	3660.0	47638.	4165.2	45.285	3807.2

Sample Name: K3037-01 Acquired: 5/28/2019 20:33:56 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW6-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03465	-.00118	.00203	.03920	-.00142	-.16780	1.0602	-.00251
Stddev	.00174	.00136	.00149	.00287	.00153	.00591	.0041	.00004
%RSD	5.0280	114.71	73.270	7.3185	107.43	3.5219	.38453	1.6950
#1	.03266	-.00123	.00374	.03632	.00034	-.17073	1.0555	-.00256
#2	.03538	.00020	.00109	.04206	-.00232	-.16100	1.0624	-.00249
#3	.03590	-.00252	.00125	.03921	-.00229	-.17167	1.0628	-.00249
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	352.27	-.04051	.01094	.01310	14.468	F 56.750	131.41
Stddev	.00005	1.39	.00018	.00012	.00022	.011	.160	1.03
%RSD	11.401	.39358	.44991	1.0834	1.6645	.07889	.28252	.78574
#1	-.00041	351.22	-.04070	.01104	.01306	14.465	56.724	130.26
#2	-.00045	351.74	-.04034	.01081	.01290	14.458	56.605	131.72
#3	-.00051	353.84	-.04050	.01098	.01333	14.480	56.922	132.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00457	.00876	712.56	-.31226	.02980	9.4256	.00321	.18703
Stddev	.00025	.00013	4.83	.00225	.00009	.1118	.00037	.01541
%RSD	5.5362	1.4713	.67787	.71966	.29495	1.1860	11.538	8.2401
#1	.00486	.00890	717.34	-.30968	.02987	9.3142	.00356	.16947
#2	.00449	.00865	712.66	-.31381	.02970	9.4247	.00326	.19335
#3	.00438	.00872	707.68	-.31329	.02984	9.5377	.00282	.19828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.614	F 12.965	-.00462	-.01248	.02041	.1443	1.1549	5.0139
Stddev	.010	.017	.00075	.00126	.00134	.0013	.0028	.1238
%RSD	.05532	.13314	16.163	10.131	6.5458	.8943	.24569	2.4689
#1	18.625	12.959	-.00507	-.01102	.01890	.1428	1.1533	5.1441
#2	18.614	12.951	-.00376	-.01319	.02145	.1450	1.1532	4.9997
#3	18.604	12.984	-.00503	-.01324	.02089	.1451	1.1582	4.8978

Sample Name: K3037-01 Acquired: 5/28/2019 20:33:56 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW6-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.032
Stddev	1.401
%RSD	10.747

#1	12.016
#2	12.450
#3	14.630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.2	40187.	3928.8	38.921	2949.0
Stddev	10.8	36.	14.4	2.002	7.5
%RSD	.34634	.08883	.36582	5.1443	.25465

#1	3104.0	40146.	3912.3	39.783	2941.2
#2	3125.5	40207.	3938.5	40.348	2956.1
#3	3115.9	40209.	3935.5	36.632	2949.8

Sample Name: K3037-02 Acquired: 5/28/2019 20:38:36 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW6-R1-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02626	-.00207	.00335	.03398	-.00123	.07707	.90103	-.00242
Stddev	.00337	.00029	.00020	.00233	.00215	.01567	.00313	.00014
%RSD	12.831	13.862	5.9437	6.8685	174.54	20.328	.34731	5.9776
#1	.02394	-.00205	.00347	.03469	-.00318	.09484	.89753	-.00226
#2	.03013	-.00237	.00346	.03138	-.00158	.07113	.90357	-.00254
#3	.02472	-.00179	.00312	.03588	.00107	.06525	.90198	-.00245
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	392.58	-.03766	.01117	.00301	11.185	F 53.849	141.10
Stddev	.00007	2.56	.00050	.00011	.00006	.023	.245	.94
%RSD	23.741	.65257	1.3181	1.0280	1.9089	.20279	.45440	.66351
#1	-.00036	390.03	-.03750	.01113	.00299	11.190	53.662	140.20
#2	-.00025	392.57	-.03822	.01107	.00307	11.205	54.126	142.07
#3	-.00023	395.15	-.03727	.01130	.00296	11.161	53.759	141.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	.00776	681.40	-.28469	.02478	10.418	.00232	.16228
Stddev	.00004	.00020	4.79	.00272	.00015	.038	.00015	.02023
%RSD	2.1940	2.5675	.70263	.95629	.58702	.36913	6.2985	12.464
#1	-.00190	.00757	676.02	-.28784	.02466	10.382	.00217	.18530
#2	-.00182	.00775	682.98	-.28306	.02494	10.459	.00232	.14737
#3	-.00186	.00796	685.19	-.28318	.02474	10.412	.00246	.15417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.375	F 13.140	-.00579	-.00245	.02798	.1721	1.2528	5.1645
Stddev	.095	.021	.00095	.00082	.00175	.0007	.0046	.0947
%RSD	.44297	.15659	16.360	33.559	6.2559	.4178	.36526	1.8335
#1	21.452	13.153	-.00584	-.00161	.02641	.1713	1.2488	5.0859
#2	21.404	13.117	-.00671	-.00325	.02767	.1723	1.2519	5.2696
#3	21.269	13.151	-.00482	-.00247	.02987	.1727	1.2578	5.1380

Sample Name: K3037-02 Acquired: 5/28/2019 20:38:36 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW6-R1-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.525
Stddev	.206
%RSD	1.5209

#1	13.758
#2	13.445
#3	13.370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.0	40128.	3928.4	39.879	2945.9
Stddev	13.7	161.	9.4	.412	12.8
%RSD	.44089	.40012	.23936	1.0332	.43324

#1	3106.5	39969.	3918.9	39.976	2938.8
#2	3129.9	40126.	3937.7	39.427	2960.6
#3	3105.7	40290.	3928.5	40.234	2938.3

Sample Name: K3037-03 Acquired: 5/28/2019 20:43:16 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FB-20190522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00015	-.00214	-.00039	-.00052	-.00644	.00216	.00004
Stddev	.00174	.00118	.00061	.00165	.00181	.00692	.00023	.00002
%RSD	59.744	789.26	28.268	422.39	345.10	107.49	10.787	38.521

#1	.00475	-.00150	-.00270	-.00022	-.00251	-.00979	.00202	.00005
#2	.00129	.00037	-.00150	-.00212	.00102	.00152	.00203	.00002
#3	.00271	.00067	-.00223	.00117	-.00008	-.01106	.00243	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02901	.00008	.00006	-.00034	-.00073	.00223	.02470
Stddev	.00008	.01194	.00022	.00021	.00035	.00031	.00012	.02866
%RSD	1218.7	41.174	282.48	328.63	101.45	42.409	5.1737	116.01

#1	.00006	.02538	-.00011	-.00011	-.00003	-.00040	.00233	-.00783
#2	-.00008	.04234	.00001	.00001	-.00028	-.00101	.00224	.03574
#3	.00004	.01930	.00033	.00029	-.00072	-.00078	.00210	.04620

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00024	.29578	.00047	.00736	.01209	-.00009	-.02376
Stddev	.00003	.00018	.01614	.00032	.00009	.03603	.00016	.01542
%RSD	4.1782	74.696	5.4567	67.662	1.2420	298.08	178.37	64.903

#1	.00087	-.00022	.30738	.00036	.00746	-.00131	-.00008	-.04119
#2	.00080	-.00042	.30262	.00083	.00728	.05290	.00006	-.01188
#3	.00082	-.00007	.27735	.00023	.00733	-.01533	-.00025	-.01821

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00976	-.00341	-.00301	.00057	-.00378	.0044	.00021	2.0760
Stddev	.00283	.00226	.00044	.00035	.00032	.0008	.00004	.1572
%RSD	29.018	66.226	14.626	61.810	8.3384	17.32	19.116	7.5728

#1	.01106	-.00557	-.00296	.00071	-.00347	.0038	.00020	2.2465
#2	.01172	-.00359	-.00260	.00083	-.00377	.0053	.00017	2.0448
#3	.00651	-.00107	-.00347	.00017	-.00410	.0042	.00025	1.9368

Sample Name: K3037-03 Acquired: 5/28/2019 20:43:16 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB-20190522 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9663
 Stddev .2840
 %RSD 9.5727

#1 3.2908
 #2 2.8446
 #3 2.7635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3794.8	49396.	4258.3	45.036	4107.5
Stddev	12.6	162.	4.2	1.865	8.3
%RSD	.33132	.32721	.09955	4.1406	.20254

#1	3804.5	49536.	4253.5	43.227	4103.5
#2	3799.3	49219.	4260.3	44.930	4117.0
#3	3780.6	49432.	4261.3	46.952	4101.9

Sample Name: K3037-04 Acquired: 5/28/2019 20:47:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB-20190523 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00015	-.00221	-.00150	-.00011	-.01615	.00169	.00004
Stddev	.00033	.00096	.00056	.00202	.00046	.00448	.00025	.00001
%RSD	131.48	658.86	25.468	134.67	428.93	27.759	15.097	14.401

#1	.00063	-.00008	-.00205	-.00348	.00029	-.01645	.00170	.00003
#2	.00011	-.00068	-.00174	.00055	-.00061	-.02048	.00143	.00004
#3	.00001	.00121	-.00283	-.00156	.00000	-.01153	.00194	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01299	-.00008	-.00009	-.00044	-.00384	.00035	.02744
Stddev	.00004	.00700	.00015	.00022	.00034	.00040	.00010	.04328
%RSD	324.44	53.931	198.09	233.08	76.495	10.333	29.626	157.73

#1	.00003	.01352	.00007	.00003	-.00045	-.00423	.00041	-.02056
#2	.00004	.01970	-.00023	.00004	-.00010	-.00344	.00041	.03937
#3	-.00003	.00573	-.00007	-.00034	-.00078	-.00386	.00023	.06350

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	.00015	.13924	-.00012	.00648	-.00419	-.00020	-.01927
Stddev	.00033	.00013	.00230	.00014	.00011	.01485	.00006	.01120
%RSD	34.362	90.495	1.6541	122.09	1.6639	354.54	31.152	58.109

#1	.00132	.00030	.14114	-.00004	.00636	-.02133	-.00013	-.02924
#2	.00083	.00011	.13990	-.00028	.00652	.00486	-.00024	-.00715
#3	.00071	.00004	.13668	-.00003	.00656	.00390	-.00023	-.02142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00652	-.00335	.00151	-.00409	.0043	.00013	2.3761
Stddev	.00355	.00164	.00003	.00134	.00070	.0011	.00002	.0571
%RSD	128.00	25.157	.97893	88.362	16.995	24.48	15.312	2.4046

#1	.00659	-.00502	-.00333	.00304	-.00450	.0031	.00013	2.4003
#2	-.00041	-.00827	-.00339	.00059	-.00449	.0051	.00011	2.3109
#3	.00212	-.00627	-.00333	.00090	-.00329	.0047	.00015	2.4172

Sample Name: K3037-04 Acquired: 5/28/2019 20:47:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB-20190523 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8425
 Stddev .3103
 %RSD 10.915

#1 2.4972
 #2 2.9325
 #3 3.0979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3757.1	48781.	4230.0	43.623	4081.0
Stddev	5.8	70.	24.7	1.709	5.5
%RSD	.15393	.14250	.58397	3.9166	.13445

#1	3754.6	48839.	4245.2	41.686	4075.9
#2	3763.7	48801.	4243.3	44.916	4086.8
#3	3752.9	48704.	4201.5	44.268	4080.3

Sample Name: K3037-05 Acquired: 5/28/2019 20:52:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW5-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00829	-.00043	.00928	.00432	.00878	3.5728	.07447	.00029
Stddev	.00292	.00034	.00030	.00094	.00100	.0379	.00100	.00009
%RSD	35.208	78.390	3.2116	21.874	11.335	1.0596	1.3444	31.839
#1	.01155	-.00037	.00899	.00339	.00778	3.5305	.07357	.00020
#2	.00737	-.00080	.00958	.00528	.00977	3.5842	.07555	.00030
#3	.00593	-.00013	.00926	.00429	.00878	3.6036	.07430	.00038
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	95.663	.03723	.00166	.01439	4.7024	.11210	6.0064
Stddev	.00003	.141	.00012	.00014	.00034	.0151	.00059	.0531
%RSD	14.244	.14713	.30956	8.5729	2.3533	.32155	.52458	.88420
#1	-.00018	95.696	.03713	.00165	.01475	4.7114	.11217	5.9487
#2	-.00022	95.784	.03721	.00153	.01436	4.6850	.11148	6.0175
#3	-.00023	95.509	.03736	.00181	.01407	4.7109	.11265	6.0532
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00991	-.00052	138.36	.02595	.04950	23.455	.45041	.20003
Stddev	.00017	.00019	.50	.00017	.00014	.092	.00193	.01037
%RSD	1.7484	36.810	.36124	.64411	.28866	.39074	.42885	5.1845
#1	.00975	-.00050	138.01	.02614	.04965	23.371	.44853	.18812
#2	.01009	-.00034	138.93	.02582	.04951	23.553	.45239	.20704
#3	.00990	-.00073	138.12	.02590	.04936	23.440	.45032	.20492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.930	F 19.463	-.01229	.07946	.00627	.3164	.49341	3.8253
Stddev	.093	.140	.00044	.00343	.00138	.0013	.00051	.2187
%RSD	.22821	.71707	3.6137	4.3108	21.962	.4140	.10305	5.7164
#1	40.889	19.605	-.01275	.08291	.00496	.3166	.49400	4.0733
#2	40.865	19.326	-.01224	.07605	.00616	.3150	.49311	3.6601
#3	41.037	19.456	-.01187	.07942	.00770	.3176	.49312	3.7426

Sample Name: K3037-05 Acquired: 5/28/2019 20:52:13 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW5-R1-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8044
Stddev	.7591
%RSD	13.078

#1	6.4193
#2	6.0380
#3	4.9560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.3	44682.	4145.7	42.339	3464.1
Stddev	7.8	148.	37.5	1.752	8.8
%RSD	.22507	.33215	.90538	4.1377	.25312

#1	3440.5	44518.	4102.5	40.711	3454.2
#2	3455.2	44721.	4170.7	42.113	3471.0
#3	3452.3	44807.	4163.9	44.192	3467.1

Sample Name: K3037-06 Acquired: 5/28/2019 20:56:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	-.00120	-.00045	.00592	.00020	.23908	.12380	.00003
Stddev	.00292	.00075	.00042	.00102	.00091	.00578	.00024	.00005
%RSD	122.43	62.790	93.227	17.166	448.83	2.4185	.19790	162.41
#1	-.00090	-.00034	-.00061	.00493	.00124	.24536	.12406	-.00002
#2	.00470	-.00152	.00003	.00696	-.00047	.23397	.12357	.00008
#3	.00336	-.00173	-.00077	.00587	-.00016	.23792	.12376	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	67.380	.00087	.00030	.01966	.23635	.27765	12.050
Stddev	.00002	.656	.00031	.00011	.00044	.00171	.00042	.060
%RSD	25.132	.97367	35.964	34.535	2.2226	.72522	.15077	.49711
#1	.00007	66.631	.00107	.00036	.01995	.23832	.27719	12.096
#2	.00009	67.850	.00051	.00018	.01915	.23524	.27800	11.982
#3	.00012	67.659	.00104	.00037	.01986	.23548	.27775	12.071
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00488	-.00025	48.183	.00253	.03703	23.253	.00240	.08057
Stddev	.00036	.00043	.195	.00005	.00012	.101	.00010	.01403
%RSD	7.4079	167.63	.40562	1.7884	.32262	.43364	4.0718	17.409
#1	.00513	-.00073	48.241	.00256	.03712	23.141	.00230	.06465
#2	.00503	-.00014	48.342	.00248	.03708	23.338	.00250	.09108
#3	.00446	.00010	47.965	.00255	.03689	23.279	.00240	.08600
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.235	F 16.140	-.00829	.00770	.01305	2.043	.25389	3.4775
Stddev	.027	.086	.00066	.00149	.00073	.008	.00171	.0525
%RSD	.13920	.53516	7.9336	19.330	5.6271	.3963	.67475	1.5109
#1	19.266	16.045	-.00904	.00844	.01231	2.052	.25191	3.4192
#2	19.220	16.159	-.00801	.00867	.01378	2.038	.25489	3.5212
#3	19.219	16.215	-.00781	.00598	.01308	2.038	.25486	3.4922

Sample Name: K3037-06 Acquired: 5/28/2019 20:56:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9914
Stddev	.4523
%RSD	11.333

#1	3.4732
#2	4.3070
#3	4.1941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.1	45882.	4135.9	41.805	3575.9
Stddev	15.5	138.	18.4	1.439	17.0
%RSD	.44096	.30117	.44513	3.4414	.47432

#1	3496.1	45743.	4157.2	41.776	3564.3
#2	3526.7	45883.	4126.3	43.257	3595.3
#3	3507.4	46019.	4124.4	40.381	3567.9

Sample Name: K3037-06DUP Acquired: 5/28/2019 21:00:55 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	-.00138	.00017	.00642	.00064	.23989	.12361	.00005
Stddev	.00225	.00103	.00034	.00188	.00040	.00758	.00206	.00004
%RSD	327.97	74.948	200.97	29.289	62.534	3.1616	1.6646	86.121
#1	-.00085	-.00019	.00055	.00580	.00018	.23437	.12125	.00001
#2	-.00286	-.00203	-.00005	.00854	.00091	.24854	.12465	.00004
#3	.00164	-.00191	-.00001	.00493	.00081	.23676	.12495	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	66.774	.00094	.00035	.01954	.23452	.27552	12.051
Stddev	.00005	.303	.00039	.00010	.00043	.00079	.00091	.076
%RSD	111.88	.45372	41.175	28.398	2.1942	.33828	.32916	.62680
#1	.00006	66.425	.00132	.00024	.01993	.23366	.27564	11.965
#2	.00009	66.929	.00096	.00037	.01908	.23471	.27457	12.104
#3	-.00001	66.968	.00054	.00043	.01961	.23521	.27637	12.085
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	-.00024	48.151	.00234	.03746	23.171	.00240	.08470
Stddev	.00009	.00041	.410	.00014	.00017	.207	.00017	.02112
%RSD	1.9220	173.97	.85241	6.1594	.44432	.89291	7.2677	24.937
#1	.00474	-.00067	47.788	.00218	.03765	22.934	.00220	.06268
#2	.00464	.00014	48.596	.00237	.03733	23.316	.00245	.10480
#3	.00456	-.00018	48.068	.00246	.03740	23.262	.00254	.08661
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.152	F 16.019	-.00814	.00922	.01111	2.039	.25185	3.2816
Stddev	.048	.093	.00038	.00131	.00051	.002	.00051	.1364
%RSD	.25257	.58220	4.6874	14.163	4.5958	.1095	.20147	4.1572
#1	19.181	16.122	-.00852	.01073	.01168	2.040	.25179	3.3152
#2	19.178	15.940	-.00816	.00853	.01094	2.036	.25238	3.1315
#3	19.096	15.994	-.00775	.00841	.01070	2.040	.25137	3.3981

Sample Name: K3037-06DUP Acquired: 5/28/2019 21:00:55 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW2-R1-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1493
Stddev	.2716
%RSD	6.5463

#1	4.0658
#2	3.9293
#3	4.4529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.0	45971.	4159.1	42.067	3569.3
Stddev	9.2	226.	29.5	.805	8.6
%RSD	.26383	.49153	.70933	1.9128	.24088

#1	3489.4	45899.	4126.9	42.393	3559.4
#2	3504.3	45790.	4165.6	42.658	3573.7
#3	3506.2	46224.	4184.8	41.151	3574.9

Sample Name: CCV10 Acquired: 5/28/2019 21:05:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1345	4.9571	4.7712	5.0575	4.8953	9.5039	9.9513	.24699
Stddev	.0144	.0034	.0062	.0135	.0056	.0539	.0187	.00066
%RSD	.27958	.06953	.12918	.26753	.11461	.56658	.18786	.26640
#1	5.1180	4.9608	4.7783	5.0691	4.9012	9.4618	9.9451	.24704
#2	5.1418	4.9566	4.7669	5.0426	4.8900	9.4854	9.9365	.24630
#3	5.1438	4.9540	4.7685	5.0608	4.8945	9.5646	9.9723	.24762
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4091	25.013	.99183	2.4065	1.2129	4.9116	2.4551	24.467
Stddev	.0042	.074	.00263	.0016	.0011	.0020	.0038	.204
%RSD	.17228	.29508	.26523	.06476	.08802	.04150	.15479	.83500
#1	2.4111	24.932	.98965	2.4057	1.2125	4.9137	2.4522	24.322
#2	2.4043	25.030	.99108	2.4054	1.2141	4.9096	2.4537	24.378
#3	2.4118	25.076	.99475	2.4083	1.2121	4.9115	2.4594	24.701
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4453	1.2749	24.531	2.5087	2.3897	25.234	5.1086	4.9497
Stddev	.0041	.0019	.103	.0055	.0007	.162	.0063	.0621
%RSD	.16604	.15244	.42127	.21896	.03093	.64210	.12246	1.2549
#1	2.4491	1.2762	24.454	2.5041	2.3905	25.153	5.1135	4.8948
#2	2.4410	1.2727	24.490	2.5071	2.3893	25.129	5.1016	4.9373
#3	2.4457	1.2759	24.648	2.5148	2.3892	25.421	5.1108	5.0171
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1406	5.1658	4.9715	5.0289	4.8941	5.100	5.0097	F 3.4168
Stddev	.0234	.0387	.0076	.0145	.0262	.012	.0206	.1372
%RSD	.45468	.74876	.15302	.28836	.53473	.2429	.41066	4.0142
#1	5.1529	5.1734	4.9754	5.0123	4.8796	5.114	4.9934	3.2681
#2	5.1137	5.2002	4.9627	5.0391	4.9243	5.095	5.0328	3.5383
#3	5.1554	5.1240	4.9764	5.0354	4.8784	5.091	5.0030	3.4440

Sample Name: CCV10 Acquired: 5/28/2019 21:05:18 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15032 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5666
Stddev	1.0300
%RSD	40.131

#1	1.5560
#2	3.6149
#3	2.5288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.1	45591.	4113.8	40.806	3468.1
Stddev	3.7	118.	33.7	1.206	3.3
%RSD	.10531	.25800	.81827	2.9561	.09645

#1	3520.9	45455.	4090.6	41.358	3464.3
#2	3526.4	45659.	4098.4	39.423	3469.9
#3	3527.9	45659.	4152.4	41.637	3470.3

Sample Name: CCB10 Acquired: 5/28/2019 21:09:25 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00127	-.00070	.00034	.00042	-.01502	.00097	.00003
Stddev	.00111	.00133	.00052	.00091	.00160	.00389	.00018	.00001
%RSD	63.204	105.21	74.032	265.43	381.86	25.918	18.299	28.855

#1	.00181	.00207	-.00036	.00109	-.00138	-.01181	.00118	.00002
#2	.00062	-.00027	-.00129	.00059	.00169	-.01390	.00087	.00003
#3	.00284	.00200	-.00044	-.00066	.00095	-.01936	.00087	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00964	.00028	-.00025	-.00053	-.00248	.00018	-.03635
Stddev	.00002	.00841	.00009	.00029	.00041	.00029	.00005	.04469
%RSD	64.230	87.236	32.426	118.40	79.011	11.813	29.807	122.94

#1	.00001	-.01864	.00024	.00005	-.00019	-.00217	.00024	-.03865
#2	.00006	-.00198	.00021	-.00026	-.00040	-.00276	.00014	-.07985
#3	.00004	-.00830	.00038	-.00054	-.00099	-.00250	.00016	.00944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00018	.01084	.00024	-.00032	.02448	.00058	-.02410
Stddev	.00012	.00027	.00181	.00014	.00004	.01557	.00019	.01719
%RSD	35.576	150.34	16.732	58.376	13.239	63.585	32.936	71.308

#1	.00030	.00008	.00911	.00021	-.00027	.01768	.00079	-.01591
#2	.00046	-.00003	.01272	.00040	-.00034	.04229	.00054	-.01255
#3	.00023	.00048	.01067	.00012	-.00034	.01347	.00042	-.04386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00956	-.00033	-.00057	.00161	.00148	.0040	.00019	F 2.7377
Stddev	.00141	.00272	.00016	.00069	.00077	.0006	.00003	.0291
%RSD	14.760	821.04	27.921	42.822	51.582	13.86	13.413	1.0619

#1	.00851	.00269	-.00070	.00129	.00188	.0042	.00020	2.7478
#2	.01116	-.00109	-.00061	.00115	.00060	.0034	.00016	2.7050
#3	.00900	-.00259	-.00039	.00241	.00197	.0045	.00021	2.7605

Sample Name: CCB10 Acquired: 5/28/2019 21:09:25 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15032 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3313
Stddev .3246
%RSD 13.922

#1 2.5420
#2 1.9575
#3 2.4943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3686.8	48033.	4144.4	42.591	3906.3
Stddev	19.3	105.	6.8	2.774	23.7
%RSD	.52405	.21834	.16334	6.5121	.60774

#1	3673.5	48040.	4152.2	43.064	3891.2
#2	3708.9	47924.	4139.8	45.098	3933.7
#3	3677.9	48134.	4141.3	39.611	3894.2

Sample Name: K3037-06LX5 Acquired: 5/28/2019 21:13:54 Type: Unk
Method: P4-ICP2(v3152) 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	.00173	.00075	-.00051	.00190	-.00066	.03474	.02425	.00003
Stddev	.00289	.00108	.00026	.00223	.00122	.00731	.00014	.00003
%RSD	166.89	143.45	52.324	116.93	185.00	21.034	.56792	104.30

#1	.00503	.00181	-.00061	.00011	-.00132	.03801	.02415	-.00000
#2	.00053	.00079	-.00071	.00440	.00075	.02637	.02441	.00006
#3	-.00036	-.00035	-.00021	.00121	-.00141	.03984	.02420	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	13.693	.00020	-.00004	.00345	.04583	.05765	2.4626
Stddev	.00005	.076	.00035	.00005	.00011	.00067	.00014	.0645
%RSD	650.10	.55623	177.59	129.22	3.2482	1.4596	.23806	2.6180

#1	-.00001	13.611	.00008	-.00009	.00356	.04506	.05749	2.4096
#2	-.00005	13.762	-.00008	-.00003	.00346	.04612	.05775	2.4438
#3	.00005	13.704	.00059	.00001	.00334	.04630	.05771	2.5343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00016	9.6135	.00059	.00705	4.6251	.00052	.00302
Stddev	.00044	.00012	.0540	.00029	.00004	.0097	.00005	.00710
%RSD	37.877	78.157	.56185	49.173	.55027	.20997	9.7437	235.46

#1	.00078	.00026	9.5558	.00027	.00707	4.6329	.00052	-.00465
#2	.00164	.00002	9.6628	.00083	.00701	4.6142	.00047	.00939
#3	.00105	.00019	9.6219	.00069	.00708	4.6283	.00057	.00431

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7954	3.3818	-.00272	.00155	.00322	.4067	.05111	2.8606
Stddev	.0101	.0252	.00011	.00092	.00062	.0016	.00016	.1513
%RSD	.26513	.74547	4.0088	59.654	19.158	.3911	.31352	5.2887

#1	3.7871	3.3689	-.00260	.00071	.00253	.4083	.05093	2.9701
#2	3.8066	3.3656	-.00278	.00141	.00372	.4052	.05116	2.9237
#3	3.7926	3.4109	-.00279	.00254	.00341	.4065	.05123	2.6880

Sample Name: K3037-06LX5 Acquired: 5/28/2019 21:13:54 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0827
 Stddev .6572
 %RSD 31.557

#1 1.3282
 #2 2.3891
 #3 2.5308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.0	47451.	4151.3	42.282	3807.1
Stddev	4.5	173.	18.4	.971	8.5
%RSD	.12368	.36409	.44370	2.2974	.22457

#1	3643.0	47260.	4135.2	42.583	3797.4
#2	3651.8	47495.	4171.4	43.067	3813.5
#3	3649.1	47597.	4147.4	41.196	3810.5

Sample Name: K3037-07 Acquired: 5/28/2019 21:18:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3037-06MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76796	1.8240	.88280	1.8870	1.0739	2.0968	.31842	.18716
Stddev	.00179	.0026	.00276	.0042	.0024	.0081	.00058	.00032
%RSD	.23307	.14033	.31227	.22044	.22235	.38633	.18066	.17291
#1	.76827	1.8250	.88245	1.8833	1.0760	2.0914	.31846	.18682
#2	.76958	1.8260	.88024	1.8862	1.0713	2.0929	.31782	.18721
#3	.76604	1.8211	.88572	1.8915	1.0744	2.1061	.31897	.18746
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17817	69.242	.38829	.18526	.29074	3.0912	.46762	13.982
Stddev	.00043	.190	.00078	.00016	.00061	.0019	.00026	.162
%RSD	.24214	.27379	.20118	.08872	.20833	.06232	.05619	1.1591
#1	.17806	69.360	.38900	.18529	.29143	3.0932	.46742	13.800
#2	.17781	69.023	.38745	.18508	.29027	3.0911	.46792	14.038
#3	.17865	69.343	.38842	.18540	.29053	3.0894	.46751	14.110
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46801	.06969	51.734	.30193	.21668	33.065	.58789	.37938
Stddev	.00114	.00038	.076	.00105	.00031	.081	.00030	.01572
%RSD	.24422	.55056	.14692	.34767	.14286	.24589	.05125	4.1445
#1	.46678	.06996	51.661	.30286	.21662	32.977	.58810	.36941
#2	.46820	.06986	51.729	.30213	.21640	33.078	.58801	.39750
#3	.46904	.06925	51.813	.30079	.21701	33.138	.58754	.37122
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.444	F 17.615	.95244	.29388	.20449	7.665	.44431	3.5279
Stddev	.030	.080	.00225	.00263	.00205	.011	.00045	.0299
%RSD	.15463	.45556	.23583	.89544	1.0043	.1432	.10203	.84726
#1	19.449	17.707	.95197	.29273	.20231	7.677	.44424	3.5624
#2	19.470	17.565	.95046	.29202	.20477	7.659	.44389	3.5090
#3	19.411	17.572	.95488	.29689	.20639	7.658	.44479	3.5124

Sample Name: K3037-07 Acquired: 5/28/2019 21:18:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K3037-06MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.1168
Stddev	.5308
%RSD	17.031

#1	2.5049
#2	3.3909
#3	3.4546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.6	45783.	4094.3	41.751	3549.8
Stddev	25.7	130.	23.6	.848	21.3
%RSD	.73155	.28446	.57705	2.0309	.60090

#1	3501.4	45633.	4067.0	42.542	3544.3
#2	3487.2	45846.	4108.1	41.857	3531.8
#3	3537.0	45870.	4107.8	40.856	3573.4

Sample Name: K3037-08 Acquired: 5/28/2019 21:22:25 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3037-06MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76695	1.8243	.88591	1.8827	.92726	2.0958	.32110	.18750
Stddev	.00346	.0020	.00074	.0061	.00134	.0158	.00189	.00035
%RSD	.45112	.11200	.08366	.32285	.14478	.75182	.58801	.18451
#1	.76664	1.8223	.88654	1.8761	.92589	2.0870	.31945	.18750
#2	.77056	1.8264	.88610	1.8838	.92732	2.0864	.32070	.18716
#3	.76366	1.8241	.88509	1.8881	.92858	2.1140	.32316	.18785
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17882	69.655	.38929	.18582	.29136	3.0957	.47038	14.259
Stddev	.00029	.445	.00087	.00029	.00046	.0079	.00154	.292
%RSD	.16220	.63834	.22429	.15656	.15848	.25423	.32735	2.0503
#1	.17881	69.142	.38828	.18549	.29148	3.0899	.47008	13.989
#2	.17911	69.920	.38973	.18603	.29176	3.0925	.46901	14.220
#3	.17853	69.903	.38985	.18595	.29086	3.1047	.47205	14.570
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46890	.06912	52.258	.30201	.21910	33.387	.50737	.39104
Stddev	.00062	.00034	.296	.00104	.00044	.224	.00090	.02088
%RSD	.13241	.49641	.56604	.34388	.20092	.66959	.17647	5.3387
#1	.46960	.06900	51.917	.30081	.21859	33.160	.50634	.37142
#2	.46840	.06886	52.409	.30256	.21930	33.395	.50786	.41298
#3	.46872	.06951	52.448	.30265	.21940	33.607	.50792	.38871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.394	F 17.513	.82255	.25415	.20446	7.682	.44595	3.4078
Stddev	.067	.049	.00192	.00182	.00131	.012	.00212	.1604
%RSD	.34692	.28217	.23390	.71748	.64000	.1571	.47547	4.7065
#1	19.456	17.551	.82464	.25535	.20322	7.684	.44467	3.5881
#2	19.402	17.531	.82085	.25205	.20435	7.692	.44839	3.3546
#3	19.323	17.457	.82215	.25505	.20583	7.668	.44477	3.2809

Sample Name: K3037-08 Acquired: 5/28/2019 21:22:25 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K3037-06MSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2043
Stddev	.3330
%RSD	10.391

#1	2.9249
#2	3.1152
#3	3.5727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.3	45674.	4105.9	41.591	3550.1
Stddev	9.8	85.	16.4	1.951	13.0
%RSD	.27904	.18613	.40009	4.6899	.36651

#1	3506.7	45698.	4095.7	39.345	3538.6
#2	3513.2	45744.	4097.0	42.568	3547.4
#3	3526.0	45579.	4124.8	42.860	3564.2

Sample Name: K3037-06A Acquired: 5/28/2019 21:26:30 Type: Unk

Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8258 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77431	1.8387	.88791	1.9034	.95200	2.1029	.32348	.18822
Stddev	.00343	.0039	.00137	.0113	.00252	.0281	.00262	.00009
%RSD	.44308	.21133	.15439	.59174	.26489	1.3351	.81017	.04995
#1	.77113	1.8357	.88647	1.9072	.94918	2.0716	.32108	.18817
#2	.77795	1.8374	.88805	1.9123	.95404	2.1110	.32308	.18815
#3	.77385	1.8431	.88920	1.8907	.95278	2.1260	.32627	.18832
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17952	69.691	.38956	.18600	.29191	3.1053	.47162	14.236
Stddev	.00036	.347	.00108	.00019	.00083	.0016	.00060	.131
%RSD	.19871	.49851	.27750	.10047	.28483	.05145	.12634	.92090
#1	.17983	69.308	.38871	.18618	.29095	3.1047	.47094	14.125
#2	.17913	69.987	.38919	.18581	.29239	3.1042	.47188	14.203
#3	.17961	69.777	.39078	.18602	.29240	3.1072	.47205	14.381
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47044	.07035	52.496	.30390	.21621	33.463	.52073	.37528
Stddev	.00149	.00056	.300	.00003	.00022	.290	.00031	.01133
%RSD	.31762	.79446	.57053	.00940	.10149	.86783	.05929	3.0199
#1	.47178	.06995	52.157	.30387	.21646	33.142	.52091	.37012
#2	.46883	.07099	52.606	.30393	.21606	33.542	.52038	.36744
#3	.47071	.07012	52.725	.30390	.21610	33.706	.52092	.38827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.582	F 17.562	.84409	.25986	.20729	7.729	.44869	3.4834
Stddev	.201	.110	.00051	.00305	.00245	.022	.00210	.1609
%RSD	1.0244	.62546	.05993	1.1749	1.1840	.2846	.46733	4.6183
#1	19.548	17.605	.84376	.25721	.20833	7.754	.44712	3.6466
#2	19.797	17.643	.84467	.26320	.20905	7.717	.45107	3.4784
#3	19.400	17.437	.84384	.25917	.20449	7.715	.44788	3.3250

Sample Name: K3037-06A Acquired: 5/28/2019 21:26:30 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8258 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5203
Stddev	.3236
%RSD	12.840

#1	2.8268
#2	2.1819
#3	2.5520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.5	45720.	4114.5	41.744	3546.9
Stddev	32.4	14.	25.9	1.220	27.5
%RSD	.92234	.02999	.63003	2.9225	.77646

#1	3516.0	45709.	4094.8	43.034	3544.1
#2	3474.4	45715.	4104.9	41.590	3520.8
#3	3538.1	45735.	4143.9	40.609	3575.7

Sample Name: K3037-10 Acquired: 5/28/2019 21:30:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	-.00060	-.00018	.00768	-.00066	.22224	.12529	.00000
Stddev	.00082	.00091	.00070	.00134	.00071	.00872	.00058	.00005
%RSD	74.718	153.61	377.20	17.436	106.92	3.9222	.46348	1272.6

#1	.00198	.00035	-.00056	.00899	.00015	.22822	.12462	-.00005
#2	.00097	-.00065	.00062	.00775	-.00097	.22626	.12560	.00002
#3	.00035	-.00148	-.00061	.00631	-.00116	.21224	.12565	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	68.148	.00112	.00007	.01363	.23854	.27936	12.326
Stddev	.00003	.375	.00049	.00017	.00021	.00122	.00079	.219
%RSD	73.158	.55015	43.657	246.18	1.5206	.51138	.28231	1.7780

#1	.00008	67.809	.00057	-.00001	.01360	.23897	.28022	12.079
#2	.00001	68.083	.00128	-.00004	.01344	.23948	.27867	12.497
#3	.00004	68.551	.00150	.00027	.01385	.23716	.27919	12.401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.00016	59.390	.00221	.03073	18.266	.00214	.06805
Stddev	.00012	.00026	.447	.00023	.00022	.128	.00007	.02701
%RSD	3.3249	157.06	.75240	10.334	.72454	.70111	3.4028	39.694

#1	.00369	-.00046	58.893	.00247	.03099	18.179	.00221	.04951
#2	.00379	-.00003	59.758	.00205	.03061	18.413	.00206	.05560
#3	.00355	.00000	59.520	.00210	.03061	18.205	.00215	.09904

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.924	F 16.055	-.00631	.00805	.01182	1.548	.23752	3.2053
Stddev	.080	.064	.00017	.00092	.00115	.002	.00100	.1422
%RSD	.42368	.39555	2.7294	11.421	9.7108	.0943	.42269	4.4379

#1	18.879	16.106	-.00640	.00724	.01049	1.548	.23643	3.2489
#2	19.016	15.984	-.00642	.00905	.01248	1.550	.23772	3.0464
#3	18.876	16.076	-.00611	.00786	.01248	1.547	.23840	3.3207

Sample Name: K3037-10 Acquired: 5/28/2019 21:30:34 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW2-R1-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9779
Stddev	.4688
%RSD	11.786

#1	3.4776
#2	4.0489
#3	4.4073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.7	45586.	4156.7	42.100	3577.3
Stddev	15.3	203.	22.1	.905	16.3
%RSD	.43671	.44616	.53225	2.1501	.45528

#1	3497.0	45541.	4131.2	41.069	3560.3
#2	3527.2	45408.	4167.2	42.765	3592.8
#3	3517.0	45807.	4171.6	42.466	3578.9

Sample Name: K3037-11 Acquired: 5/28/2019 21:34:58 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-20190523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00095	-.00029	.00432	-.00026	.21548	.12726	.00006
Stddev	.00103	.00043	.00094	.00012	.00167	.00978	.00072	.00004
%RSD	66.561	45.324	322.17	2.7157	640.76	4.5369	.56894	60.688
#1	.00095	-.00045	.00022	.00428	.00154	.20691	.12656	.00004
#2	.00273	-.00117	-.00138	.00445	-.00056	.21340	.12800	.00004
#3	.00096	-.00122	.00028	.00422	-.00176	.22612	.12722	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	70.403	.00130	.00017	.01410	.22676	.29045	12.664
Stddev	.00004	.446	.00016	.00013	.00015	.00214	.00030	.134
%RSD	89.069	.63371	11.959	79.451	1.0378	.94424	.10374	1.0549
#1	.00005	69.903	.00117	.00032	.01395	.22816	.29077	12.517
#2	.00009	70.548	.00126	.00011	.01424	.22783	.29040	12.778
#3	.00001	70.759	.00147	.00007	.01410	.22430	.29017	12.698
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00030	60.658	.00232	.03652	18.895	.00201	.07792
Stddev	.00027	.00038	.343	.00040	.00006	.077	.00024	.00880
%RSD	6.9179	127.54	.56518	17.305	.17583	.40828	11.903	11.288
#1	.00372	-.00062	60.403	.00275	.03659	18.825	.00208	.08788
#2	.00422	.00013	61.048	.00195	.03647	18.978	.00220	.07123
#3	.00378	-.00041	60.523	.00225	.03650	18.882	.00174	.07465
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.366	F 16.542	-.00845	.00725	.01146	1.600	.24598	3.1962
Stddev	.088	.033	.00040	.00047	.00161	.002	.00084	.0813
%RSD	.45396	.19888	4.7705	6.4542	14.089	.1044	.34021	2.5425
#1	19.458	16.554	-.00799	.00778	.01315	1.599	.24551	3.2848
#2	19.358	16.505	-.00865	.00703	.01129	1.602	.24548	3.1251
#3	19.283	16.567	-.00872	.00693	.00994	1.599	.24694	3.1787

Sample Name: K3037-11 Acquired: 5/28/2019 21:34:58 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-20190523 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0249
Stddev .2736
%RSD 5.4451

#1 4.7766
#2 5.3182
#3 4.9797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.9	45593.	4132.8	42.119	3563.1
Stddev	13.0	170.	14.9	.969	14.1
%RSD	.37010	.37229	.36042	2.3002	.39511

#1	3488.2	45468.	4118.0	42.975	3548.6
#2	3503.6	45525.	4147.8	42.316	3563.8
#3	3513.9	45787.	4132.5	41.067	3576.8

Sample Name: K3037-12 Acquired: 5/28/2019 21:39:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00173	-.00047	.00650	.00048	.39367	.13194	-.00003
Stddev	.00086	.00042	.00037	.00056	.00074	.01468	.00022	.00005
%RSD	136.50	24.127	78.959	8.6339	153.05	3.7285	.16532	171.25
#1	-.00020	-.00149	-.00085	.00645	.00020	.39282	.13170	-.00006
#2	.00057	-.00221	-.00011	.00709	-.00007	.37944	.13203	-.00005
#3	.00153	-.00149	-.00046	.00597	.00133	.40876	.13211	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	73.180	.00147	.00031	.01421	.38916	.31827	13.111
Stddev	.00004	.443	.00020	.00014	.00010	.00370	.00079	.091
%RSD	65.215	.60592	13.355	45.414	.67807	.94973	.24743	.69185
#1	.00004	72.737	.00168	.00041	.01422	.38623	.31876	13.018
#2	.00003	73.624	.00129	.00037	.01411	.38795	.31869	13.115
#3	.00010	73.179	.00142	.00015	.01430	.39332	.31736	13.199
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00410	-.00038	65.537	.00296	.03534	18.306	.00200	.07727
Stddev	.00020	.00013	.400	.00047	.00006	.142	.00008	.00316
%RSD	4.9776	33.889	.60966	15.807	.16881	.77553	4.0489	4.0953
#1	.00425	-.00051	65.081	.00330	.03528	18.149	.00193	.07820
#2	.00417	-.00025	65.708	.00316	.03540	18.426	.00209	.07375
#3	.00387	-.00037	65.823	.00243	.03534	18.343	.00197	.07987
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.780	F 17.288	-.00710	.01687	.01235	1.526	.25221	3.2821
Stddev	.029	.073	.00029	.00422	.00036	.002	.00105	.2186
%RSD	.14422	.42400	4.0915	25.013	2.9298	.1406	.41700	6.6609
#1	19.781	17.355	-.00714	.02153	.01200	1.524	.25181	3.3588
#2	19.808	17.300	-.00680	.01332	.01233	1.528	.25340	3.4521
#3	19.751	17.210	-.00737	.01575	.01272	1.525	.25142	3.0355

Sample Name: K3037-12 Acquired: 5/28/2019 21:39:22 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW2-R1-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.8125
Stddev	.1827
%RSD	4.7926

#1	3.6993
#2	3.7149
#3	4.0233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.7	45595.	4121.8	42.509	3553.6
Stddev	14.0	14.	26.3	1.430	15.6
%RSD	.40199	.03119	.63815	3.3649	.43847

#1	3486.7	45580.	4096.7	41.903	3541.1
#2	3480.8	45608.	4119.4	41.482	3548.7
#3	3507.5	45597.	4149.2	44.143	3571.1

Sample Name: K3040-01 Acquired: 5/28/2019 21:43:45 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0444-FIELD-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00011	-.00221	.00105	-.00052	-.00668	.00106	.00002
Stddev	.00282	.00029	.00065	.00089	.00086	.00341	.00010	.00001
%RSD	111.13	265.70	29.169	85.129	166.52	51.086	9.4829	65.643

#1	.00573	-.00026	-.00148	.00088	.00046	-.01048	.00100	.00004
#2	.00039	-.00029	-.00246	.00025	-.00119	-.00386	.00118	.00002
#3	.00150	.00023	-.00270	.00201	-.00083	-.00571	.00101	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00755	.00018	-.00002	-.00094	-.00453	-.00012	.02397
Stddev	.00002	.01851	.00028	.00014	.00017	.00054	.00004	.05947
%RSD	151.98	245.24	154.97	842.21	18.395	11.982	37.815	248.12

#1	-.00004	-.02608	.00012	-.00018	-.00074	-.00392	-.00010	.09261
#2	.00001	-.00751	-.00006	.00006	-.00105	-.00474	-.00009	-.00867
#3	-.00002	.01095	.00048	.00006	-.00103	-.00494	-.00017	-.01203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00026	-.03562	.00026	.00614	.00316	-.00004	-.03233
Stddev	.00013	.00065	.00484	.00019	.00014	.01816	.00017	.02424
%RSD	13.879	253.84	13.595	70.116	2.2179	574.33	450.32	74.955

#1	.00112	.00041	-.03472	.00048	.00601	-.00986	-.00021	-.03491
#2	.00089	-.00029	-.04085	.00018	.00628	-.00457	.00012	-.05518
#3	.00088	-.00088	-.03129	.00014	.00613	.02391	-.00002	-.00691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00828	-.00289	.00066	-.00428	.0033	.00006	1.9480
Stddev	.00098	.00056	.00039	.00142	.00061	.0011	.00001	.1328
%RSD	31.266	6.7168	13.557	216.04	14.160	34.55	19.880	6.8194

#1	.00200	-.00891	-.00301	-.00018	-.00370	.0026	.00008	1.7993
#2	.00376	-.00809	-.00321	-.00015	-.00424	.0027	.00006	2.0551
#3	.00363	-.00785	-.00245	.00229	-.00491	.0046	.00006	1.9895

Sample Name: K3040-01 Acquired: 5/28/2019 21:43:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 0444-FIELD-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1169
 Stddev .7789
 %RSD 24.988

#1 2.4320
 #2 2.9545
 #3 3.9641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3820.0	49352.	4252.9	44.289	4136.8
Stddev	3.7	203.	15.7	1.121	7.1
%RSD	.09658	.41183	.36836	2.5300	.17111

#1	3820.3	49504.	4242.0	44.841	4128.7
#2	3823.5	49431.	4245.9	45.027	4141.9
#3	3816.2	49121.	4270.9	43.000	4139.6

Sample Name: K3040-02 Acquired: 5/28/2019 21:48:15 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0445-FIELD-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00064	-.00209	-.00201	-.00005	-.01857	.00093	.00003
Stddev	.00072	.00064	.00024	.00204	.00020	.00269	.00016	.00004
%RSD	107.56	100.10	11.293	101.09	396.73	14.510	17.704	137.93

#1	-.00017	.00020	-.00182	-.00251	-.00014	-.01893	.00083	-.00001
#2	-.00150	.00136	-.00225	.00022	-.00019	-.01571	.00112	.00004
#3	-.00034	.00034	-.00221	-.00375	.00018	-.02106	.00084	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02947	.00030	-.00014	-.00060	-.00384	-.00003	-.02321
Stddev	.00006	.00552	.00048	.00013	.00033	.00026	.00008	.02037
%RSD	426.89	18.741	162.27	91.301	55.169	6.7506	298.34	87.774

#1	-.00001	.02740	-.00025	-.00001	-.00024	-.00410	.00007	-.03343
#2	-.00003	.02528	.00065	-.00014	-.00066	-.00385	-.00008	.00025
#3	.00008	.03573	.00049	-.00028	-.00089	-.00358	-.00007	-.03643

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00003	.08863	.00024	.00629	.00948	-.00008	-.02322
Stddev	.00010	.00042	.00711	.00011	.00002	.01481	.00038	.00960
%RSD	9.6720	1202.5	8.0170	46.979	.33529	156.21	467.94	41.340

#1	.00110	.00023	.08830	.00023	.00631	.02436	.00032	-.01638
#2	.00092	-.00052	.08169	.00036	.00627	-.00525	-.00044	-.01908
#3	.00096	.00019	.09589	.00013	.00628	.00933	-.00012	-.03419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	.02845	-.00044	-.00038	-.00336	.0035	.00016	2.2071
Stddev	.00175	.00048	.00057	.00059	.00116	.0016	.00005	.0829
%RSD	29.899	1.6702	128.29	153.71	34.577	46.37	30.430	3.7566

#1	.00552	.02830	-.00064	-.00023	-.00277	.0043	.00013	2.2916
#2	.00430	.02898	-.00088	.00012	-.00470	.0016	.00014	2.2037
#3	.00775	.02807	.00020	-.00104	-.00262	.0045	.00022	2.1259

Sample Name: K3040-02 Acquired: 5/28/2019 21:48:15 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 0445-FIELD-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5944
Stddev	.4037
%RSD	15.559

#1	2.5885
#2	3.0010
#3	2.1937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.2	49040.	4223.2	44.492	4093.3
Stddev	1.7	164.	7.3	.458	11.4
%RSD	.04530	.33532	.17274	1.0293	.27842

#1	3782.4	49228.	4215.5	44.225	4106.0
#2	3784.3	48970.	4229.9	44.230	4090.2
#3	3785.8	48922.	4224.3	45.020	4083.8

Sample Name: K3041-13 Acquired: 5/28/2019 21:52:44 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01840	.00033	.42007	.00618	.02843	6.1454	2.8444	.00165
Stddev	.00421	.00062	.00127	.00248	.00070	.0777	.0126	.00005
%RSD	22.875	190.49	.30229	40.088	2.4769	1.2636	.44129	3.3063
#1	.02247	.00104	.41912	.00724	.02765	6.0560	2.8328	.00171
#2	.01868	.00003	.42151	.00796	.02902	6.1848	2.8577	.00163
#3	.01406	-.00009	.41958	.00335	.02861	6.1955	2.8425	.00161
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	334.22	.07594	.04177	.35200	41.828	3.8375	115.67
Stddev	.00008	.80	.00082	.00037	.00154	.100	.0115	1.19
%RSD	2.8073	.24066	1.0835	.88492	.43797	.23997	.29907	1.0291
#1	.00289	333.78	.07583	.04136	.35279	41.716	3.8248	114.32
#2	.00277	335.15	.07517	.04206	.35299	41.859	3.8406	116.10
#3	.00275	333.74	.07681	.04191	.35022	41.909	3.8471	116.58
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16526	-.00102	F 1961.9	.01537	5.9851	41.946	.00623	.54788
Stddev	.00045	.00029	14.9	.00044	.0093	.288	.00020	.01052
%RSD	.27444	28.609	.75824	2.8610	.15491	.68752	3.2860	1.9205
#1	.16578	-.00110	1978.6	.01488	5.9930	41.623	.00610	.55634
#2	.16498	-.00070	1956.9	.01572	5.9874	42.178	.00612	.53610
#3	.16502	-.00126	1950.2	.01553	5.9749	42.037	.00646	.55121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.402	F 32.739	.05373	.21638	.22014	.4529	3.4939	5.8419
Stddev	.048	.137	.00137	.00310	.00316	.0049	.0075	.0376
%RSD	.28966	.41719	2.5509	1.4347	1.4337	1.081	.21453	.64409
#1	16.428	32.896	.05530	.21316	.21658	.4534	3.4962	5.8224
#2	16.431	32.666	.05279	.21663	.22125	.4574	3.5000	5.8179
#3	16.347	32.654	.05310	.21935	.22259	.4477	3.4856	5.8852

Sample Name: K3041-13 Acquired: 5/28/2019 21:52:44 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.535
Stddev	.450
%RSD	3.9001

#1	11.115
#2	11.481
#3	12.010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.1	37397.	3875.5	38.521	2651.4
Stddev	15.6	59.	22.5	.630	8.0
%RSD	.53232	.15802	.58174	1.6348	.30289

#1	2918.2	37345.	3849.4	38.680	2647.1
#2	2918.0	37461.	3888.6	39.056	2646.4
#3	2945.1	37383.	3888.4	37.827	2660.6

Sample Name: CCV11 Acquired: 5/28/2019 21:57:09 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15033 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1508	4.9832	4.8372	5.0984	4.9453	9.5928	9.8889	.25204
Stddev	.0065	.0075	.0036	.0117	.0025	.0871	.1789	.00146
%RSD	.12653	.14948	.07428	.22887	.05009	.90800	1.8094	.58000
#1	5.1514	4.9748	4.8338	5.1112	4.9427	9.5372	9.6847	.25264
#2	5.1440	4.9858	4.8367	5.0884	4.9477	9.6932	9.9637	.25310
#3	5.1570	4.9890	4.8409	5.0956	4.9455	9.5482	10.018	.25037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4368	25.171	1.0015	2.4360	1.2245	4.9646	2.4849	24.624
Stddev	.0022	.145	.0023	.0024	.0023	.0103	.0045	.199
%RSD	.09171	.57508	.23180	.09819	.18423	.20832	.17912	.80701
#1	2.4371	25.008	1.0014	2.4352	1.2230	4.9666	2.4876	24.483
#2	2.4345	25.220	1.0039	2.4342	1.2233	4.9737	2.4872	24.851
#3	2.4389	25.285	.99923	2.4387	1.2271	4.9534	2.4797	24.539
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4719	1.2770	23.212	2.5197	2.4164	25.100	5.1496	4.9328
Stddev	.0034	.0019	.123	.0062	.0016	.108	.0013	.0303
%RSD	.13871	.15304	.53003	.24651	.06723	.43122	.02588	.61504
#1	2.4702	1.2776	23.314	2.5204	2.4154	25.177	5.1503	4.9015
#2	2.4696	1.2787	23.247	2.5256	2.4154	25.147	5.1481	4.9621
#3	2.4758	1.2749	23.075	2.5132	2.4182	24.976	5.1504	4.9349
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1630	5.2173	5.0021	5.0509	4.9161	5.121	5.0477	F 3.5051
Stddev	.0118	.0324	.0112	.0260	.0217	.003	.0204	.1358
%RSD	.22871	.62018	.22437	.51548	.44159	.0657	.40388	3.8731
#1	5.1598	5.1967	5.0068	5.0218	4.9087	5.125	5.0380	3.6317
#2	5.1531	5.2006	5.0102	5.0589	4.8990	5.119	5.0339	3.3618
#3	5.1760	5.2545	4.9893	5.0719	4.9405	5.119	5.0711	3.5219

Sample Name: CCV11 Acquired: 5/28/2019 21:57:09 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15033 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4182
Stddev .9814
%RSD 28.710

#1 2.2891
#2 3.8997
#3 4.0658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.3	45100.	4073.5	41.108	3431.5
Stddev	3.6	106.	21.9	.465	2.2
%RSD	.10384	.23419	.53749	1.1323	.06315

#1	3485.9	45062.	4080.6	41.510	3431.0
#2	3482.9	45018.	4090.9	40.598	3429.6
#3	3490.1	45219.	4048.9	41.217	3433.9

Sample Name: CCB11 Acquired: 5/28/2019 22:01:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00031	-.00137	.00033	.00144	-.00666	.00123	.00001
Stddev	.00064	.00031	.00039	.00117	.00130	.01561	.00019	.00010
%RSD	37.553	101.54	28.027	354.82	90.199	234.56	15.329	1008.4
#1	.00122	-.00030	-.00120	-.00006	.00007	-.01834	.00129	.00013
#2	.00242	-.00063	-.00182	-.00060	.00160	-.01270	.00102	-.00007
#3	.00145	.00000	-.00111	.00165	.00264	.01107	.00138	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00144	-.00013	-.00018	-.00053	-.00223	.00021	-.00804
Stddev	.00001	.01517	.00019	.00013	.00023	.00050	.00001	.03221
%RSD	12.452	1056.8	154.40	73.162	43.085	22.380	3.9764	400.65
#1	.00005	.01525	-.00028	-.00028	-.00077	-.00208	.00022	.02848
#2	.00006	-.00517	.00009	-.00022	-.00031	-.00278	.00021	-.02020
#3	.00006	-.01439	-.00019	-.00003	-.00051	-.00182	.00020	-.03240
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00007	.27887	.00010	-.00033	.12372	.00072	-.02818
Stddev	.00011	.00056	.00628	.00032	.00007	.00972	.00027	.01920
%RSD	413.16	766.63	2.2523	329.64	20.326	7.8548	37.611	68.138
#1	.00010	.00002	.27300	-.00004	-.00040	.11251	.00103	-.00601
#2	-.00010	-.00068	.28549	.00046	-.00026	.12966	.00053	-.03943
#3	.00008	.00044	.27812	-.00013	-.00032	.12899	.00060	-.03909
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00660	.00096	-.00101	.00028	.00260	.0040	.00028	F 2.5864
Stddev	.00237	.00073	.00046	.00076	.00228	.0024	.00007	.0327
%RSD	35.888	76.725	46.047	272.57	87.399	60.28	24.294	1.2646
#1	.00933	.00054	-.00059	-.00060	.00099	.0013	.00036	2.5573
#2	.00544	.00053	-.00151	.00070	.00521	.0048	.00023	2.5801
#3	.00504	.00180	-.00092	.00073	.00162	.0060	.00026	2.6218

Sample Name: CCB11 Acquired: 5/28/2019 22:01:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15033 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8643
Stddev .1205
%RSD 4.2067

#1 2.7704
#2 3.0002
#3 2.8224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.8	47388.	4069.6	41.997	3873.1
Stddev	13.4	114.	23.7	.564	8.8
%RSD	.36547	.24120	.58153	1.3435	.22730

#1	3637.5	47343.	4094.2	41.727	3862.9
#2	3658.1	47304.	4047.0	41.618	3878.2
#3	3662.6	47518.	4067.5	42.645	3878.1

Sample Name: K3041-08 Acquired: 5/28/2019 22:05:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00285	.16338	.00210	.00777	.04008	.54505	.00008
Stddev	.00082	.00093	.00059	.00164	.00148	.00321	.00121	.00000
%RSD	184.31	32.552	.35828	77.953	19.075	8.0018	.22291	4.1947

#1	-.00020	-.00320	.16290	.00259	.00874	.03918	.54418	.00008
#2	-.00135	-.00180	.16321	.00343	.00850	.04364	.54453	.00008
#3	.00023	-.00355	.16403	.00027	.00606	.03742	.54644	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	32.651	.00136	.01300	.21681	.02709	.75711	10.253
Stddev	.00002	.294	.00017	.00017	.00029	.00130	.00121	.128
%RSD	.55746	.89961	12.384	1.3338	.13511	4.7973	.15999	1.2449

#1	.00368	32.331	.00123	.01320	.21714	.02680	.75768	10.106
#2	.00366	32.712	.00130	.01291	.21657	.02596	.75793	10.326
#3	.00370	32.909	.00155	.01290	.21671	.02851	.75572	10.328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06590	.00011	292.20	-.00175	3.2106	.77672	-.00019	.00021
Stddev	.00013	.00020	.62	.00041	.0139	.02715	.00004	.00958
%RSD	.19672	180.86	.21375	23.415	.43420	3.4958	21.075	4665.0

#1	.06592	-.00011	291.50	-.00215	3.2211	.80091	-.00019	.00943
#2	.06575	.00027	292.41	-.00177	3.2158	.78190	-.00023	-.00969
#3	.06601	.00017	292.70	-.00133	3.1948	.74735	-.00015	.00088

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60758	.93484	-.00026	.00088	.00844	.0048	.13335	3.8674
Stddev	.00438	.00710	.00093	.00030	.00070	.0010	.00092	.0744
%RSD	.72039	.75953	360.69	34.291	8.3060	20.94	.69213	1.9244

#1	.61246	.93449	-.00123	.00114	.00794	.0037	.13243	3.8943
#2	.60401	.92792	.00062	.00093	.00813	.0056	.13333	3.9245
#3	.60626	.94210	-.00016	.00055	.00924	.0052	.13428	3.7832

Sample Name: K3041-08 Acquired: 5/28/2019 22:05:47 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.7266
 Stddev .4678
 %RSD 5.3609

#1 8.5960
 #2 8.3379
 #3 9.2458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.4	43818.	4062.2	41.980	3361.4
Stddev	9.7	53.	19.3	.695	9.0
%RSD	.28534	.12058	.47607	1.6551	.26634

#1	3402.0	43758.	4066.6	41.886	3355.0
#2	3401.7	43857.	4079.0	42.716	3357.6
#3	3418.7	43840.	4041.1	41.336	3371.7

Sample Name: K3041-12 Acquired: 5/28/2019 22:10:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02371	-.00257	.00792	.00329	.00211	.16906	.17547	.00046
Stddev	.00053	.00119	.00056	.00150	.00146	.00399	.00165	.00007
%RSD	2.2331	46.116	7.0721	45.761	69.339	2.3623	.93813	16.454

#1	.02321	-.00391	.00731	.00270	.00365	.16455	.17415	.00039
#2	.02426	-.00165	.00842	.00500	.00074	.17050	.17494	.00043
#3	.02367	-.00216	.00803	.00217	.00195	.17214	.17731	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	37.539	.00310	.00538	.00609	15.179	.78115	6.6260
Stddev	.00001	.195	.00022	.00023	.00033	.020	.00085	.0583
%RSD	.66467	.51899	6.9654	4.3490	5.4607	.13223	.10913	.87948

#1	-.00085	37.320	.00314	.00551	.00641	15.158	.78039	6.5882
#2	-.00085	37.692	.00329	.00551	.00611	15.197	.78207	6.5966
#3	-.00084	37.606	.00286	.00511	.00575	15.183	.78098	6.6931

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01122	-.00030	286.10	-.00090	.09580	2.6149	.00023	.07103
Stddev	.00025	.00026	.99	.00006	.00028	.0223	.00015	.02217
%RSD	2.2071	89.141	.34765	6.4386	.28920	.85265	67.976	31.206

#1	.01129	-.00059	286.08	-.00097	.09610	2.5955	.00018	.05251
#2	.01094	-.00007	285.11	-.00086	.09574	2.6393	.00010	.06499
#3	.01142	-.00023	287.10	-.00089	.09556	2.6099	.00040	.09559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36771	1.1752	-.00019	.00503	.00478	2.541	.09082	3.5780
Stddev	.00341	.0181	.00079	.00070	.00099	.012	.00041	.1230
%RSD	.92857	1.5360	415.35	13.924	20.730	.4523	.45541	3.4378

#1	.36394	1.1947	-.00038	.00583	.00377	2.553	.09050	3.4404
#2	.37058	1.1720	.00068	.00476	.00482	2.541	.09129	3.6773
#3	.36863	1.1590	-.00086	.00450	.00575	2.530	.09067	3.6164

Sample Name: K3041-12 Acquired: 5/28/2019 22:10:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.9651
Stddev .4124
%RSD 5.1776

#1 8.3450
#2 8.0239
#3 7.5265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.0	44366.	4120.1	39.892	3421.3
Stddev	10.4	122.	35.1	1.465	8.5
%RSD	.29919	.27609	.85296	3.6719	.24891

#1	3468.0	44250.	4084.7	39.602	3422.2
#2	3454.8	44352.	4120.5	38.593	3412.3
#3	3475.2	44494.	4155.0	41.480	3429.3

Sample Name: K3051-01 Acquired: 5/28/2019 22:14:50 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ235 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00320	-.00014	.00231	-.00036	.08090	.45826	.00006
Stddev	.00111	.00042	.00059	.00086	.00029	.00551	.00279	.00010
%RSD	94.683	13.173	430.78	36.972	80.156	6.8158	.60890	161.19

#1	-.00149	-.00363	-.00031	.00207	-.00029	.08724	.45628	.00018
#2	-.00210	-.00279	-.00062	.00326	-.00011	.07716	.45704	.00001
#3	.00006	-.00318	.00052	.00161	-.00067	.07832	.46145	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	20.320	.00010	.00883	.01309	.23942	.75804	3.6813
Stddev	.00002	.090	.00015	.00013	.00014	.00287	.00200	.0544
%RSD	2.7820	.44165	156.73	1.4849	1.0472	1.1967	.26392	1.4779

#1	.00064	20.219	.00022	.00890	.01322	.24168	.75615	3.7096
#2	.00067	20.388	-.00008	.00891	.01310	.23620	.75784	3.6186
#3	.00066	20.355	.00015	.00868	.01294	.24038	.76013	3.7158

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01167	-.00012	268.39	-.00188	.24039	2.2283	.00003	.07231
Stddev	.00011	.00047	1.41	.00029	.00043	.0245	.00022	.01054
%RSD	.94767	402.22	.52593	15.277	.17755	1.0978	680.37	14.574

#1	.01164	.00041	266.78	-.00221	.24041	2.2001	-.00013	.06990
#2	.01158	-.00027	268.99	-.00178	.23995	2.2440	-.00005	.06319
#3	.01179	-.00049	269.41	-.00166	.24080	2.2409	.00028	.08385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79336	3.2185	-.00092	.00130	.00499	.0070	.24693	3.5190
Stddev	.00480	.0206	.00072	.00210	.00053	.0004	.00136	.1163
%RSD	.60556	.63919	78.488	161.23	10.652	5.812	.55204	3.3045

#1	.79249	3.2418	-.00174	-.00027	.00524	.0066	.24591	3.3990
#2	.79854	3.2104	-.00048	.00049	.00535	.0071	.24639	3.6312
#3	.78905	3.2031	-.00052	.00370	.00438	.0074	.24848	3.5267

Sample Name: K3051-01 Acquired: 5/28/2019 22:14:50 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ235 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.7832
 Stddev .1472
 %RSD 2.1697

#1 6.8892
 #2 6.6152
 #3 6.8453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.1	44520.	4102.3	41.872	3442.5
Stddev	8.3	117.	14.7	1.998	1.6
%RSD	.24026	.26383	.35716	4.7708	.04692

#1	3468.5	44387.	4085.5	40.117	3444.0
#2	3459.8	44562.	4112.4	41.454	3442.8
#3	3451.9	44610.	4109.0	44.046	3440.8

Sample Name: K3051-03 Acquired: 5/28/2019 22:19:24 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00381	.00477	.00450	-.00032	.13287	.23015	.00011
Stddev	.00328	.00036	.00049	.00144	.00063	.00998	.00118	.00003
%RSD	147.32	9.4521	10.210	31.950	195.99	7.5091	.51485	26.075

#1	.00031	-.00421	.00476	.00615	.00023	.13629	.22986	.00013
#2	.00601	-.00370	.00527	.00384	-.00100	.12163	.22913	.00008
#3	.00036	-.00351	.00429	.00351	-.00019	.14068	.23145	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	57.267	.00045	.00944	.00353	.20795	1.0037	2.0955
Stddev	.00002	.302	.00014	.00014	.00012	.00218	.0031	.0227
%RSD	4.1479	.52737	30.909	1.4884	3.5145	1.0474	.31280	1.0825

#1	.00054	56.983	.00061	.00928	.00345	.20968	1.0073	2.1021
#2	.00058	57.584	.00037	.00951	.00368	.20867	1.0022	2.1141
#3	.00056	57.232	.00036	.00953	.00348	.20550	1.0017	2.0702

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01394	-.00049	287.05	-.00259	.14116	2.7325	.00009	.04343
Stddev	.00010	.00034	2.46	.00019	.00048	.0268	.00015	.01866
%RSD	.73687	70.467	.85716	7.4019	.33791	.98279	166.04	42.964

#1	.01405	-.00058	284.68	-.00243	.14166	2.7031	-.00006	.03569
#2	.01390	-.00011	289.59	-.00280	.14071	2.7386	.00008	.06471
#3	.01385	-.00077	286.86	-.00255	.14112	2.7557	.00025	.02988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1023	1.4365	-.00112	-.00129	.00531	.0034	.12044	3.8162
Stddev	.0015	.0127	.00046	.00084	.00167	.0013	.00034	.0522
%RSD	.07279	.88362	40.621	65.063	31.423	37.16	.28549	1.3665

#1	2.1040	1.4404	-.00161	-.00037	.00347	.0040	.12032	3.8753
#2	2.1011	1.4468	-.00070	-.00150	.00575	.0043	.12083	3.7971
#3	2.1017	1.4223	-.00106	-.00200	.00672	.0019	.12018	3.7764

Sample Name: K3051-03 Acquired: 5/28/2019 22:19:24 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.0157
 Stddev .8475
 %RSD 9.3999

#1 8.0675
 #2 9.2801
 #3 9.6994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.3	44099.	4078.6	40.923	3372.1
Stddev	17.1	85.	39.9	.571	20.9
%RSD	.49734	.19208	.97735	1.3955	.61840

#1	3421.9	44035.	4081.7	40.403	3350.7
#2	3429.5	44066.	4037.3	41.534	3373.0
#3	3454.6	44195.	4116.9	40.831	3392.4

Sample Name: K3051-05 Acquired: 5/28/2019 22:23:57 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00223	.00624	.00147	.00060	.18307	.28093	.00016
Stddev	.00115	.00046	.00068	.00196	.00004	.00821	.00093	.00007
%RSD	430.53	20.465	10.839	132.98	7.0288	4.4868	.33105	40.873

#1	-.00159	-.00172	.00702	.00363	.00060	.18366	.28183	.00017
#2	.00052	-.00236	.00582	.00098	.00064	.19097	.27997	.00009
#3	.00026	-.00260	.00587	-.00019	.00056	.17458	.28098	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	26.448	.00093	.01037	.01913	.02742	.44287	2.3338
Stddev	.00006	.209	.00023	.00013	.00032	.00036	.00095	.0522
%RSD	2.7872	.79163	24.659	1.2420	1.6897	1.3238	.21545	2.2350

#1	.00202	26.261	.00119	.01022	.01950	.02730	.44356	2.3325
#2	.00192	26.409	.00086	.01047	.01897	.02783	.44178	2.2823
#3	.00199	26.674	.00075	.01042	.01892	.02713	.44327	2.3866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00816	-.00023	261.84	-.00101	.23120	1.4377	-.00002	.02903
Stddev	.00033	.00030	3.11	.00035	.00269	.0195	.00020	.00475
%RSD	4.0987	130.41	1.1887	34.703	1.1649	1.3533	889.77	16.346

#1	.00811	-.00055	258.33	-.00096	.23407	1.4175	-.00005	.03135
#2	.00785	-.00017	264.25	-.00138	.23078	1.4393	.00019	.02358
#3	.00851	.00003	262.96	-.00068	.22873	1.4563	-.00021	.03218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2842	2.2018	-.00143	.00150	.00386	.0043	.14514	3.8669
Stddev	.0164	.0149	.00053	.00135	.00144	.0017	.00033	.1019
%RSD	1.2804	.67526	36.995	89.689	37.276	38.94	.23005	2.6362

#1	1.3021	2.1953	-.00188	.00042	.00255	.0029	.14486	3.9773
#2	1.2806	2.1913	-.00085	.00108	.00363	.0038	.14506	3.7764
#3	1.2698	2.2188	-.00155	.00301	.00541	.0062	.14551	3.8471

Sample Name: K3051-05 Acquired: 5/28/2019 22:23:57 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.6970
Stddev	.5206
%RSD	5.9855

#1	8.2406
#2	9.2640
#3	8.5864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.4	44345.	4067.9	41.764	3458.6
Stddev	68.2	116.	8.0	1.802	65.0
%RSD	1.9532	.26230	.19715	4.3152	1.8793

#1	3418.3	44331.	4075.5	42.250	3389.1
#2	3502.6	44237.	4068.6	39.768	3468.7
#3	3553.3	44468.	4059.5	43.273	3517.9

Sample Name: K3053-03 Acquired: 5/28/2019 22:28:31 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00212	.00008	.00258	.00007	.04080	.29272	.00006
Stddev	.00307	.00105	.00017	.00050	.00038	.00482	.00069	.00004
%RSD	154.12	49.710	200.01	19.242	552.16	11.814	.23479	56.593

#1	-.00155	-.00106	-.00003	.00227	-.00023	.03820	.29268	.00010
#2	.00358	-.00212	.00028	.00316	-.00006	.03783	.29206	.00004
#3	.00394	-.00317	.00000	.00232	.00049	.04636	.29343	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	12.946	.00036	.00763	.00005	-.00289	.34288	3.5989
Stddev	.00010	.031	.00035	.00028	.00038	.00013	.00024	.0528
%RSD	256.38	.23728	97.754	3.6135	756.19	4.3888	.06962	1.4683

#1	.00002	12.911	.00043	.00771	.00036	-.00303	.34261	3.6182
#2	-.00005	12.959	.00066	.00785	-.00038	-.00288	.34306	3.5392
#3	.00015	12.968	-.00002	.00732	.00017	-.00278	.34297	3.6394

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	-.00045	260.41	-.00068	.14897	1.1169	.00001	.04805
Stddev	.00019	.00032	.96	.00010	.00071	.0394	.00003	.00809
%RSD	9.0363	70.768	.36733	14.426	.47365	3.5318	294.64	16.833

#1	.00200	-.00066	261.05	-.00057	.14929	1.1229	.00005	.03880
#2	.00230	-.00059	260.87	-.00073	.14816	1.0749	-.00001	.05156
#3	.00196	-.00008	259.31	-.00075	.14945	1.1531	.00000	.05379

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67307	1.0118	-.00114	.00154	.00119	.0017	.09836	3.4095
Stddev	.00188	.0091	.00040	.00128	.00109	.0022	.00006	.0954
%RSD	.27962	.90046	34.628	83.659	91.050	132.9	.05781	2.7981

#1	.67396	1.0107	-.00156	.00048	.00002	.0010	.09843	3.4183
#2	.67435	1.0214	-.00077	.00297	.00217	.0041	.09832	3.5002
#3	.67091	1.0033	-.00110	.00116	.00138	-.0002	.09834	3.3100

Sample Name: K3053-03 Acquired: 5/28/2019 22:28:31 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.9431
 Stddev .9677
 %RSD 13.938

#1 7.9701
 #2 6.8108
 #3 6.0483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.1	44877.	4107.0	41.574	3461.7
Stddev	11.3	131.	27.5	.316	8.3
%RSD	.32140	.29229	.66855	.75980	.23985

#1	3494.4	44726.	4079.2	41.827	3455.1
#2	3515.8	44946.	4107.8	41.220	3471.1
#3	3499.1	44960.	4134.1	41.675	3459.0

Sample Name: K3065-13 Acquired: 5/28/2019 22:33:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-16-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00246	.00104	.00361	.00037	-.00440	.08326	.00000
Stddev	.00115	.00087	.00072	.00070	.00130	.00417	.00060	.00008
%RSD	304.74	35.331	69.357	19.432	352.39	94.721	.71525	1983.0

#1	.00082	-.00171	.00158	.00282	.00163	-.00431	.08257	-.00007
#2	-.00047	-.00225	.00132	.00417	.00045	-.00861	.08357	.00009
#3	-.00148	-.00341	.00022	.00384	-.00097	-.00028	.08363	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	162.72	.00868	-.00014	.00177	.00220	.01133	5.4228
Stddev	.00003	.87	.00015	.00030	.00019	.00040	.00008	.0389
%RSD	130.81	.53545	1.7738	209.57	10.559	18.353	.74490	.71678

#1	-.00001	161.76	.00877	-.00029	.00188	.00199	.01139	5.4098
#2	-.00000	163.47	.00850	.00020	.00187	.00267	.01123	5.4665
#3	-.00005	162.93	.00875	-.00033	.00155	.00195	.01135	5.3920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00058	316.02	.00283	.01220	2.7167	.00245	.04250
Stddev	.00014	.00025	1.29	.00055	.00013	.0080	.00022	.00882
%RSD	33.928	43.192	.40824	19.409	1.0260	.29335	8.8400	20.745

#1	-.00035	-.00031	314.83	.00278	.01206	2.7147	.00269	.05147
#2	-.00034	-.00081	317.39	.00339	.01230	2.7100	.00226	.03385
#3	-.00059	-.00062	315.83	.00230	.01225	2.7255	.00240	.04218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3015	3.7699	-.00158	-.00363	.01325	.0254	.66706	3.6641
Stddev	.0204	.0119	.00068	.00237	.00179	.0006	.00333	.1014
%RSD	.32307	.31668	43.324	65.181	13.547	2.424	.49882	2.7661

#1	6.3123	3.7704	-.00161	-.00364	.01377	.0254	.66388	3.5868
#2	6.3142	3.7816	-.00088	-.00599	.01125	.0248	.67052	3.6266
#3	6.2780	3.7577	-.00225	-.00126	.01472	.0260	.66680	3.7788

Sample Name: K3065-13 Acquired: 5/28/2019 22:33:05 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-16-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.837
 Stddev 1.329
 %RSD 12.263

#1 9.3799
 #2 11.982
 #3 11.149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.5	43415.	4014.0	40.613	3294.1
Stddev	1.2	68.	18.2	1.226	.6
%RSD	.03690	.15577	.45242	3.0195	.01948

#1	3344.2	43342.	4003.1	39.210	3293.7
#2	3342.1	43429.	4004.0	41.147	3294.8
#3	3344.3	43475.	4035.0	41.481	3293.7

Sample Name: K3065-14 Acquired: 5/28/2019 22:37:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-15-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	-.00339	.00080	.00096	-.00197	.00165	.20164	-.00005
Stddev	.00087	.00063	.00025	.00237	.00133	.01164	.00061	.00003
%RSD	32.265	18.465	30.798	246.15	67.598	706.82	.30014	61.139

#1	.00238	-.00284	.00077	-.00165	-.00110	-.00197	.20098	-.00006
#2	.00367	-.00326	.00106	.00156	-.00131	-.00776	.20181	-.00002
#3	.00202	-.00407	.00057	.00298	-.00351	.01466	.20215	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	151.12	.00010	.00051	.00073	-.00299	.22445	1.2200
Stddev	.00001	.14	.00036	.00012	.00028	.00031	.00041	.0404
%RSD	5.3018	.09176	357.26	22.396	38.072	10.513	.18090	3.3141

#1	.00021	151.00	.00047	.00055	.00064	-.00302	.22452	1.2659
#2	.00021	151.08	-.00024	.00039	.00105	-.00329	.22401	1.2045
#3	.00023	151.27	.00007	.00061	.00051	-.00267	.22482	1.1896

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	-.00035	281.75	.00111	.06398	.88747	.00023	.01471
Stddev	.00017	.00023	1.60	.00016	.00022	.02729	.00011	.01141
%RSD	2.8709	66.820	.56775	14.127	.35074	3.0746	47.280	77.595

#1	.00598	-.00033	282.23	.00128	.06423	.91394	.00019	.00722
#2	.00624	-.00059	283.06	.00098	.06381	.88904	.00015	.02784
#3	.00591	-.00013	279.97	.00107	.06389	.85944	.00036	.00906

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49082	2.4006	-.00048	-.00453	.01012	.0340	.24600	3.9097
Stddev	.00419	.0035	.00028	.00056	.00198	.0012	.00042	.0978
%RSD	.85439	.14613	58.695	12.377	19.567	3.467	.16939	2.5016

#1	.49158	2.3971	-.00051	-.00449	.00784	.0337	.24615	4.0035
#2	.49458	2.4005	-.00018	-.00399	.01135	.0352	.24553	3.9171
#3	.48630	2.4041	-.00074	-.00511	.01117	.0329	.24632	3.8083

Sample Name: K3065-14 Acquired: 5/28/2019 22:37:39 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-15-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.5773
 Stddev .6623
 %RSD 6.9159

#1 9.1836
 #2 9.2062
 #3 10.342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.3	43584.	4001.6	41.951	3334.7
Stddev	14.8	90.	15.3	1.959	15.2
%RSD	.43808	.20637	.38334	4.6688	.45670

#1	3366.5	43481.	3984.1	39.925	3317.2
#2	3389.2	43623.	4012.7	43.834	3341.9
#3	3394.3	43647.	4008.1	42.093	3345.0

Sample Name: K3065-15 Acquired: 5/28/2019 22:42:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00346	.00159	-.00108	.00111	.00133	.12486	-.00006
Stddev	.00209	.00083	.00033	.00012	.00115	.01276	.00031	.00004
%RSD	227.68	24.076	20.976	11.239	104.05	957.45	.24688	77.263

#1	.00236	-.00347	.00132	-.00122	.00027	.00522	.12455	-.00011
#2	-.00148	-.00262	.00149	-.00098	.00242	.01170	.12486	-.00003
#3	.00186	-.00428	.00197	-.00106	.00063	-.01292	.12517	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	144.21	.00020	-.00046	.00032	-.00691	.02480	6.0386
Stddev	.00006	.45	.00056	.00020	.00015	.00036	.00002	.0823
%RSD	524.15	.30861	277.60	42.277	47.426	5.2144	.09050	1.3628

#1	-.00007	143.71	.00065	-.00045	.00015	-.00728	.02482	5.9843
#2	.00001	144.55	-.00043	-.00027	.00044	-.00657	.02480	5.9982
#3	.00003	144.38	.00038	-.00066	.00035	-.00687	.02477	6.1333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.00092	288.00	.00283	.01778	1.8099	.00079	.02532
Stddev	.00031	.00025	.90	.00025	.00008	.0431	.00013	.01851
%RSD	32.317	27.419	.31094	8.7398	.44085	2.3820	15.750	73.110

#1	.00126	-.00065	288.84	.00258	.01771	1.7606	.00080	.01004
#2	.00064	-.00114	288.08	.00307	.01786	1.8405	.00067	.04590
#3	.00101	-.00098	287.06	.00284	.01778	1.8285	.00092	.02001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3561	7.3075	-.00019	-.00317	.00919	.0105	.74084	3.9809
Stddev	.0046	.0578	.00062	.00125	.00150	.0014	.00230	.0666
%RSD	.34299	.79056	322.32	39.509	16.293	13.16	.31073	1.6726

#1	1.3510	7.3388	.00027	-.00360	.00746	.0119	.73861	3.9230
#2	1.3574	7.3429	-.00090	-.00176	.01008	.0104	.74321	3.9660
#3	1.3600	7.2409	.00005	-.00414	.01002	.0091	.74070	4.0537

Sample Name: K3065-15 Acquired: 5/28/2019 22:42:13 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.6788
 Stddev .7012
 %RSD 7.2446

#1 8.9337
 #2 9.7772
 #3 10.326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.8	43345.	3986.1	39.768	3290.8
Stddev	3.2	84.	17.8	.580	2.4
%RSD	.09540	.19321	.44696	1.4585	.07306

#1	3336.3	43278.	3975.1	39.782	3291.7
#2	3335.7	43439.	3976.5	39.181	3288.0
#3	3341.5	43318.	4006.6	40.340	3292.6

Sample Name: K3065-16 Acquired: 5/28/2019 22:46:48 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	-.00388	-.00079	.00451	-.00050	.06767	.87143	.00052
Stddev	.00312	.00018	.00074	.00129	.00145	.00871	.00629	.00005
%RSD	191.36	4.6756	93.582	28.591	288.18	12.869	.72224	10.449

#1	.00048	-.00385	-.00090	.00347	-.00020	.05776	.86417	.00058
#2	.00517	-.00372	-.00000	.00410	.00077	.07112	.87544	.00051
#3	-.00075	-.00408	-.00147	.00595	-.00208	.07411	.87467	.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	25.543	-.00241	.01110	.00125	14.350	1.1570	8.2464
Stddev	.00005	.073	.00008	.00029	.00018	.017	.0027	.1076
%RSD	5.9564	.28654	3.2420	2.6269	14.578	.11886	.23040	1.3048

#1	-.00087	25.472	-.00245	.01110	.00123	14.331	1.1540	8.2174
#2	-.00077	25.618	-.00247	.01139	.00109	14.362	1.1579	8.3655
#3	-.00081	25.537	-.00232	.01081	.00145	14.358	1.1591	8.1562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10881	-.00018	300.31	-.00273	.11689	2.5411	-.00010	.07996
Stddev	.00071	.00049	1.52	.00030	.00074	.0463	.00012	.02088
%RSD	.65102	272.78	.50664	11.065	.63129	1.8212	121.59	26.108

#1	.10933	.00034	298.61	-.00277	.11723	2.4896	-.00024	.05623
#2	.10909	-.00063	300.77	-.00301	.11739	2.5542	-.00001	.08817
#3	.10800	-.00025	301.55	-.00241	.11604	2.5793	-.00006	.09549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48795	2.7179	-.00064	-.00097	.00362	.0046	.10623	3.7749
Stddev	.00548	.0213	.00041	.00027	.00140	.0009	.00034	.0547
%RSD	1.1224	.78499	63.266	28.197	38.839	19.05	.31605	1.4499

#1	.48739	2.7424	-.00084	-.00128	.00213	.0042	.10621	3.7289
#2	.49369	2.7037	-.00091	-.00089	.00380	.0056	.10658	3.8354
#3	.48278	2.7076	-.00018	-.00075	.00492	.0040	.10591	3.7604

Sample Name: K3065-16 Acquired: 5/28/2019 22:46:48 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.3982
 Stddev .4267
 %RSD 5.0810

#1 8.2505
 #2 8.8791
 #3 8.0649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.8	43646.	3986.1	39.432	3343.7
Stddev	27.5	28.	43.4	1.065	25.4
%RSD	.80891	.06488	1.0882	2.7019	.75978

#1	3383.0	43614.	3937.4	38.207	3333.1
#2	3378.8	43664.	4000.2	40.143	3325.3
#3	3428.4	43662.	4020.7	39.946	3372.7

Sample Name: CCV12 Acquired: 5/28/2019 22:51:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0906	4.9063	4.7605	5.0061	4.8603	9.2862	9.6689	.24819
Stddev	.0092	.0082	.0026	.0100	.0045	.0248	.0603	.00037
%RSD	.17991	.16762	.05500	.19916	.09258	.26667	.62408	.14713
#1	5.0802	4.9138	4.7632	5.0152	4.8587	9.3022	9.7156	.24778
#2	5.0946	4.8976	4.7579	5.0077	4.8567	9.2988	9.6008	.24832
#3	5.0971	4.9076	4.7603	4.9954	4.8653	9.2577	9.6903	.24847
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4069	24.986	.99316	2.3950	1.2102	4.9071	2.4452	24.121
Stddev	.0005	.127	.00193	.0029	.0008	.0130	.0052	.117
%RSD	.01951	.50830	.19386	.11917	.06320	.26576	.21158	.48407
#1	2.4064	24.847	.99108	2.3952	1.2093	4.8921	2.4418	24.064
#2	2.4074	25.015	.99488	2.3921	1.2107	4.9135	2.4511	24.256
#3	2.4069	25.096	.99352	2.3978	1.2106	4.9158	2.4426	24.044
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4407	1.2651	23.544	2.4932	2.3717	24.532	5.1070	4.8254
Stddev	.0004	.0020	.093	.0030	.0004	.071	.0047	.0462
%RSD	.01664	.15940	.39504	.12203	.01681	.29139	.09150	.95809
#1	2.4406	1.2649	23.648	2.4933	2.3721	24.545	5.1017	4.8787
#2	2.4404	1.2632	23.516	2.4962	2.3717	24.596	5.1105	4.7955
#3	2.4412	1.2672	23.468	2.4901	2.3713	24.455	5.1090	4.8021
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0474	5.1899	4.9501	5.0071	4.9088	5.032	4.9813	F 3.3186
Stddev	.0078	.0443	.0049	.0215	.0354	.004	.0377	.2127
%RSD	.15507	.85324	.09921	.42934	.72134	.0729	.75784	6.4108
#1	5.0469	5.1390	4.9555	4.9824	4.8680	5.029	4.9391	3.4848
#2	5.0555	5.2117	4.9487	5.0172	4.9274	5.036	4.9933	3.3921
#3	5.0399	5.2191	4.9459	5.0217	4.9311	5.031	5.0117	3.0788

Sample Name: CCV12 Acquired: 5/28/2019 22:51:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15029 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3159
Stddev	.6066
%RSD	18.295

#1	3.8105
#2	3.4981
#3	2.6390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.8	45161.	3986.0	40.278	3453.4
Stddev	1.9	155.	24.8	.452	3.7
%RSD	.05436	.34422	.62177	1.1224	.10622

#1	3502.6	45020.	4007.7	40.165	3449.2
#2	3505.6	45328.	3991.4	39.893	3455.7
#3	3506.1	45135.	3959.0	40.776	3455.3

Sample Name: CCB12 Acquired: 5/28/2019 22:55:30 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00079	-.00087	-.00114	-.00039	-.02052	.00113	.00001
Stddev	.00269	.00040	.00025	.00117	.00045	.00591	.00009	.00004
%RSD	604.58	50.429	28.430	102.32	114.34	28.800	7.9632	685.82
#1	-.00119	.00041	-.00079	-.00082	-.00066	-.02588	.00120	.00003
#2	-.00103	.00075	-.00068	-.00017	-.00063	-.01418	.00116	-.00004
#3	.00356	.00120	-.00115	-.00244	.00012	-.02149	.00103	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00441	.00001	.00002	-.00054	-.00247	.00013	-.01943
Stddev	.00008	.01977	.00024	.00028	.00019	.00053	.00002	.01799
%RSD	83.235	448.65	2510.9	1197.6	35.023	21.320	13.004	92.600
#1	.00016	-.02447	.00027	-.00029	-.00032	-.00304	.00015	-.04020
#2	.00013	-.00379	-.00020	.00024	-.00066	-.00236	.00012	-.00961
#3	.00001	.01505	-.00004	.00013	-.00065	-.00200	.00013	-.00849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00016	.10657	.00017	-.00039	.02480	.00059	-.00815
Stddev	.00029	.00014	.00700	.00017	.00004	.03229	.00010	.01716
%RSD	438.45	86.994	6.5733	100.82	11.407	130.20	16.116	210.40
#1	-.00029	.00023	.09892	.00008	-.00039	.00015	.00066	-.01834
#2	.00026	.00026	.10811	.00006	-.00044	.01290	.00048	-.01778
#3	-.00017	-.00000	.11267	.00036	-.00035	.06136	.00063	.01165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	-.00377	-.00082	.00103	.00035	.0045	.00031	F 2.3455
Stddev	.00136	.00207	.00041	.00222	.00113	.0012	.00009	.0636
%RSD	39.169	54.873	50.179	215.05	318.98	27.71	27.259	2.7121
#1	.00215	-.00180	-.00062	-.00153	-.00057	.0037	.00041	2.3775
#2	.00338	-.00593	-.00129	.00219	.00002	.0059	.00026	2.3867
#3	.00487	-.00358	-.00054	.00243	.00161	.0039	.00027	2.2722

Sample Name: CCB12 Acquired: 5/28/2019 22:55:30 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15029 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5981
Stddev	.5880
%RSD	22.631

#1	3.1976
#2	2.5743
#3	2.0224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3672.3	47320.	4051.0	42.007	3890.6
Stddev	5.5	95.	44.2	1.356	7.1
%RSD	.15025	.19995	1.0917	3.2283	.18319

#1	3677.0	47211.	4021.7	40.723	3898.4
#2	3666.2	47379.	4101.9	41.873	3884.4
#3	3673.7	47370.	4029.5	43.425	3889.1

Sample Name: K3065-17 Acquired: 5/28/2019 22:59:59 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-13-COMP 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	-.00274	.00027	.00289	.00127	.04073	.22955	.00069
Stddev	.00137	.00089	.00093	.00015	.00058	.00707	.00082	.00012
%RSD	1224.2	32.501	345.68	5.1557	45.453	17.359	.35511	17.571

#1	-.00021	-.00245	-.00058	.00303	.00121	.03586	.23049	.00082
#2	.00131	-.00203	.00012	.00273	.00073	.03750	.22909	.00067
#3	-.00143	-.00374	.00126	.00289	.00188	.04884	.22907	.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	3.8061	.00380	.01617	.00118	10.158	.51776	1.0553
Stddev	.00008	.0132	.00010	.00023	.00026	.008	.00058	.0432
%RSD	14.680	.34632	2.6659	1.4193	22.437	.07531	.11149	4.0935

#1	-.00048	3.7971	.00378	.01591	.00087	10.160	.51722	1.0054
#2	-.00047	3.8000	.00371	.01627	.00135	10.149	.51769	1.0792
#3	-.00060	3.8212	.00391	.01633	.00131	10.164	.51836	1.0813

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13068	-.00038	267.55	-.00115	.10330	1.2492	.00016	.02551
Stddev	.00024	.00016	1.46	.00009	.00037	.0113	.00007	.00336
%RSD	.18510	42.887	.54408	8.2208	.36290	.90574	40.895	13.151

#1	.13080	-.00055	266.67	-.00105	.10356	1.2367	.00017	.02926
#2	.13085	-.00022	266.74	-.00116	.10347	1.2587	.00023	.02450
#3	.13041	-.00037	269.23	-.00124	.10287	1.2523	.00010	.02278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32810	2.3608	-.00065	.00106	.00195	.0034	.02363	3.4975
Stddev	.00237	.0105	.00115	.00188	.00184	.0019	.00008	.1113
%RSD	.72134	.44291	177.93	177.34	94.458	55.50	.34271	3.1807

#1	.32992	2.3579	-.00013	.00193	-.00018	.0027	.02360	3.3875
#2	.32895	2.3725	.00015	-.00110	.00305	.0056	.02372	3.4951
#3	.32542	2.3522	-.00196	.00235	.00296	.0020	.02356	3.6100

Sample Name: K3065-17 Acquired: 5/28/2019 22:59:59 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-13-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.1273
 Stddev .2301
 %RSD 3.2285

#1 6.9458
 #2 7.0500
 #3 7.3861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.6	44644.	4083.3	40.921	3438.9
Stddev	28.4	173.	5.4	.261	23.8
%RSD	.81522	.38780	.13341	.63861	.69207

#1	3465.8	44480.	4089.3	41.200	3419.7
#2	3474.9	44825.	4078.7	40.682	3431.6
#3	3519.0	44627.	4081.9	40.882	3465.5

Sample Name: K3065-18 Acquired: 5/28/2019 23:04:33 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00136	-.00177	.00149	.00074	.01785	.32843	.00071
Stddev	.00188	.00117	.00043	.00225	.00080	.01338	.00371	.00004
%RSD	79.235	86.455	24.395	151.07	107.63	74.962	1.1300	6.1153

#1	.00435	-.00126	-.00164	.00403	.00148	.00351	.32542	.00066
#2	.00215	-.00023	-.00225	.00063	-.00011	.03000	.32729	.00075
#3	.00061	-.00257	-.00142	-.00020	.00085	.02004	.33258	.00070

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	7.1140	-.00158	.08608	.00176	13.275	.93309	7.6830
Stddev	.00002	.0093	.00034	.00021	.00009	.022	.00090	.1553
%RSD	2.9656	.13080	21.790	.24121	5.2181	.16567	.09608	2.0211

#1	-.00061	7.1196	-.00139	.08631	.00166	13.250	.93218	7.5508
#2	-.00062	7.1033	-.00137	.08594	.00184	13.280	.93397	7.6443
#3	-.00065	7.1192	-.00198	.08598	.00177	13.293	.93313	7.8540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46478	-.00010	261.98	-.00236	.10217	.59689	-.00023	.02930
Stddev	.00078	.00048	1.92	.00038	.00023	.02387	.00009	.00958
%RSD	.16750	462.84	.73248	16.248	.22860	3.9998	38.174	32.695

#1	.46413	.00017	260.59	-.00277	.10191	.62345	-.00032	.02115
#2	.46458	.00018	264.17	-.00229	.10221	.58999	-.00016	.02689
#3	.46564	-.00066	261.18	-.00201	.10237	.57722	-.00020	.03985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25549	1.6544	-.00031	.00135	.00097	.0071	.02072	3.3009
Stddev	.00341	.0243	.00055	.00272	.00047	.0000	.00012	.1316
%RSD	1.3332	1.4679	178.72	200.59	48.193	.5799	.57040	3.9872

#1	.25834	1.6824	-.00064	-.00175	.00138	.0070	.02086	3.1564
#2	.25172	1.6388	-.00061	.00250	.00106	.0071	.02067	3.3324
#3	.25641	1.6421	.00033	.00331	.00046	.0071	.02065	3.4139

Sample Name: K3065-18 Acquired: 5/28/2019 23:04:33 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-12-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.5025
 Stddev .2243
 %RSD 2.9898

#1 7.7614
 #2 7.3649
 #3 7.3813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.8	44085.	4029.1	41.278	3385.0
Stddev	18.5	101.	31.7	1.033	14.3
%RSD	.53654	.22810	.78710	2.5035	.42262

#1	3458.9	44193.	3993.0	40.114	3397.0
#2	3446.8	43995.	4042.3	41.630	3388.8
#3	3422.6	44066.	4052.2	42.089	3369.1

Sample Name: K3065-18DUP Acquired: 5/28/2019 23:09:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00214	-.00161	.00378	.00061	.01431	.32528	.00076
Stddev	.00153	.00100	.00103	.00176	.00161	.00672	.00056	.00004
%RSD	103.61	46.430	63.946	46.466	265.53	46.986	.17157	5.2548

#1	.00031	-.00124	-.00196	.00528	.00060	.00961	.32590	.00073
#2	.00091	-.00321	-.00045	.00422	.00223	.02201	.32511	.00075
#3	.00321	-.00198	-.00242	.00185	-.00100	.01130	.32482	.00080

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	7.2796	-.00175	.08622	.00162	13.435	.94614	7.7269
Stddev	.00001	.0252	.00033	.00022	.00041	.042	.00372	.0678
%RSD	1.7889	.34658	18.965	.25156	25.619	.31177	.39270	.87795

#1	-.00067	7.3056	-.00173	.08606	.00153	13.482	.94998	7.6690
#2	-.00066	7.2780	-.00210	.08614	.00207	13.404	.94257	7.8015
#3	-.00068	7.2552	-.00143	.08647	.00125	13.419	.94588	7.7101

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46286	-.00074	261.52	-.00229	.10231	.61560	-.00024	.05988
Stddev	.00075	.00037	1.16	.00028	.00028	.04746	.00020	.00729
%RSD	.16157	50.246	.44276	12.251	.27457	7.7088	82.312	12.178

#1	.46218	-.00086	260.32	-.00244	.10239	.56905	-.00007	.06825
#2	.46366	-.00105	262.63	-.00197	.10200	.61384	-.00046	.05489
#3	.46275	-.00033	261.61	-.00247	.10254	.66391	-.00020	.05650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25591	1.7018	-.00079	.00060	.00061	.0051	.02107	3.3817
Stddev	.00137	.0123	.00057	.00199	.00097	.0012	.00003	.0629
%RSD	.53396	.72135	72.025	330.88	159.69	22.83	.15338	1.8599

#1	.25466	1.7159	-.00057	.00229	.00036	.0042	.02105	3.4408
#2	.25570	1.6958	-.00037	-.00159	.00168	.0047	.02110	3.3156
#3	.25737	1.6937	-.00144	.00110	-.00021	.0064	.02105	3.3887

Sample Name: K3065-18DUP Acquired: 5/28/2019 23:09:05 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-12-COMPDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.8056
Stddev	.6845
%RSD	8.7694

#1	7.8457
#2	7.1019
#3	8.4692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.6	43926.	3939.8	39.523	3399.2
Stddev	17.8	234.	46.1	.674	10.6
%RSD	.51523	.53383	1.1705	1.7045	.31178

#1	3441.1	43722.	3891.7	39.421	3388.7
#2	3443.7	43874.	3944.0	38.906	3399.0
#3	3473.1	44182.	3983.7	40.242	3409.9

Sample Name: K3065-18LX5 Acquired: 5/28/2019 23:13:37 Type: Unk
Method: P4-ICP2(v3152) 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	.00237	-.00015	-.00038	-.00089	.00064	-.00314	.06312	.00020
Stddev	.00278	.00086	.00036	.00204	.00106	.00561	.00049	.00002
%RSD	117.38	570.96	94.757	228.61	164.08	179.04	.76959	9.9205

#1	-.00076	.00083	-.00018	-.00301	.00164	.00158	.06275	.00022
#2	.00330	-.00079	-.00080	-.00073	-.00047	-.00164	.06293	.00021
#3	.00457	-.00049	-.00017	.00106	.00076	-.00935	.06367	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	1.4164	-.00055	.01655	.00002	2.6683	.18628	1.5117
Stddev	.00009	.0107	.00024	.00008	.00037	.0011	.00045	.0077
%RSD	94.306	.75517	43.511	.50025	2136.2	.04080	.24335	.50764

#1	-.00000	1.4160	-.00028	.01645	-.00039	2.6690	.18667	1.5072
#2	-.00017	1.4059	-.00063	.01661	.00035	2.6670	.18637	1.5073
#3	-.00009	1.4273	-.00074	.01659	.00009	2.6688	.18578	1.5206

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08989	-.00015	49.826	-.00057	.01902	.13881	-.00024	-.00162
Stddev	.00031	.00020	.233	.00032	.00007	.00193	.00008	.01983
%RSD	.34916	130.30	.46683	56.211	.34794	1.3887	34.801	1221.9

#1	.08955	-.00028	49.926	-.00086	.01910	.13773	-.00014	.01411
#2	.09016	.00007	49.991	-.00061	.01899	.13766	-.00027	-.02389
#3	.08996	-.00024	49.560	-.00023	.01899	.14103	-.00030	.00491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04991	.33807	-.00186	.00023	.00124	.0050	.00415	3.1883
Stddev	.00079	.00118	.00005	.00060	.00144	.0004	.00004	.1102
%RSD	1.5748	.35024	2.4408	260.37	116.30	7.794	.96075	3.4578

#1	.05025	.33941	-.00183	.00051	-.00000	.0045	.00414	3.2812
#2	.05047	.33765	-.00184	-.00046	.00282	.0050	.00412	3.2172
#3	.04901	.33715	-.00191	.00064	.00090	.0053	.00419	3.0665

Sample Name: K3065-18LX5 Acquired: 5/28/2019 23:13:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8825
Stddev	.2851
%RSD	5.8387

#1	5.0076
#2	4.5562
#3	5.0836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.0	45272.	3943.1	39.477	3582.9
Stddev	4.7	246.	37.5	.434	2.7
%RSD	.13357	.54313	.95062	1.0983	.07657

#1	3518.0	45033.	3901.8	39.932	3585.9
#2	3508.7	45260.	3952.5	39.069	3582.0
#3	3512.4	45524.	3974.9	39.430	3580.6

Sample Name: K3065-18MS Acquired: 5/28/2019 23:18:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMS 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	.77368	1.8041	.89396	1.9485	.71975	1.8630	.55533	.18960	.18534
Stddev	.00382	.0028	.00223	.0086	.00246	.0240	.00771	.00060	.00053
%RSD	.49359	.15562	.24993	.43924	.34178	1.2892	1.3883	.31807	.28566
#1	.77747	1.8071	.89599	1.9522	.72089	1.8371	.55237	.18935	.18559
#2	.77374	1.8037	.89432	1.9546	.72143	1.8672	.54954	.18917	.18569
#3	.76983	1.8016	.89156	1.9387	.71692	1.8846	.56408	.19029	.18473
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9077	.39249	.28077	.26853	17.408	1.2145	10.322	.98180	.07101
Stddev	.0498	.00032	.00067	.00061	.020	.0012	.060	.00141	.00058
%RSD	.55848	.08123	.23791	.22782	.11549	.09744	.57989	.14381	.82119
#1	8.8503	.39243	.28096	.26860	17.420	1.2133	10.323	.98277	.07156
#2	8.9347	.39284	.28132	.26789	17.385	1.2148	10.261	.98246	.07040
#3	8.9381	.39221	.28002	.26910	17.420	1.2156	10.381	.98018	.07106
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	285.94	.29973	.29508	10.556	.39896	.33482	.27053	2.7146	.66720
Stddev	3.04	.00077	.00142	.118	.00013	.01327	.00283	.0159	.00260
%RSD	1.0647	.25608	.48186	1.1188	.03327	3.9645	1.0468	.58732	.38904
#1	284.99	.30060	.29584	10.517	.39910	.32387	.27377	2.7306	.66454
#2	283.49	.29914	.29597	10.463	.39895	.33101	.26854	2.7145	.66972
#3	289.35	.29945	.29344	10.689	.39884	.34959	.26927	2.6987	.66733
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20007	.19831	5.803	.21124	3.5258	6.0286			
Stddev	.00359	.00073	.021	.00239	.1069	.4480			
%RSD	1.7923	.36657	.3695	1.1323	3.0327	7.4309			
#1	.19912	.19817	5.812	.20977	3.6158	5.5957			
#2	.19706	.19766	5.818	.20996	3.4076	5.9999			
#3	.20404	.19909	5.778	.21400	3.5541	6.4903			

Sample Name: K3065-18MS Acquired: 5/28/2019 23:18:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMS 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	3392.5	43098.	3866.8	38.555	3322.8
Stddev	10.6	228.	7.7	.816	8.9
%RSD	.31273	.52963	.20008	2.1163	.26681
#1	3381.0	43123.	3860.7	38.666	3312.8
#2	3401.8	43312.	3875.5	39.309	3329.6
#3	3394.7	42858.	3864.3	37.689	3326.1

Sample Name: K3065-18MSD Acquired: 5/28/2019 23:22:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMSD 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	.77439	1.8125	.90108	1.9620	.72246	1.8253	.55163	.19008	.18665
Stddev	.00242	.0030	.00219	.0077	.00304	.0009	.00350	.00036	.00013
%RSD	.31235	.16567	.24250	.39126	.42139	.04752	.63464	.18835	.06993
#1	.77277	1.8150	.90014	1.9598	.71943	1.8244	.54810	.19049	.18654
#2	.77717	1.8092	.89953	1.9557	.72243	1.8262	.55510	.18985	.18663
#3	.77324	1.8133	.90358	1.9705	.72552	1.8253	.55169	.18989	.18679
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8689	.39069	.28303	.26893	17.399	1.2182	10.328	.98588	.07076
Stddev	.0512	.00119	.00066	.00061	.039	.0008	.088	.00234	.00039
%RSD	.57733	.30503	.23393	.22596	.22195	.06231	.85185	.23755	.55064
#1	8.8235	.39118	.28228	.26875	17.443	1.2182	10.270	.98524	.07116
#2	8.9244	.38934	.28333	.26843	17.383	1.2189	10.286	.98393	.07039
#3	8.8588	.39157	.28350	.26961	17.371	1.2174	10.430	.98848	.07074
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	285.36	.29921	.29901	10.544	.39856	.33140	.27369	2.7027	.66633
Stddev	1.84	.00089	.00039	.042	.00098	.02918	.00343	.0110	.00354
%RSD	.64348	.29780	.13038	.40026	.24668	8.8057	1.2522	.40826	.53068
#1	283.45	.29996	.29900	10.519	.39849	.29833	.27755	2.7103	.66971
#2	287.11	.29945	.29863	10.593	.39761	.35353	.27251	2.6901	.66266
#3	285.51	.29822	.29941	10.520	.39958	.34235	.27100	2.7078	.66663
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19778	.19554	5.840	.20923	3.6915	7.0284			
Stddev	.00244	.00045	.012	.00149	.1002	.3291			
%RSD	1.2317	.23046	.2116	.71045	2.7155	4.6828			
#1	.19525	.19505	5.830	.20757	3.6787	6.6605			
#2	.19798	.19593	5.835	.20969	3.5982	7.1297			
#3	.20011	.19564	5.854	.21044	3.7975	7.2949			

Sample Name: K3065-18MSD Acquired: 5/28/2019 23:22:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMSD 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	3408.2	43536.	3908.5	39.656	3332.0
Stddev	17.8	68.	9.3	.733	15.4
%RSD	.52157	.15653	.23710	1.8486	.46196
#1	3393.7	43508.	3906.2	38.864	3320.4
#2	3428.0	43485.	3918.7	39.793	3349.4
#3	3402.8	43613.	3900.5	40.310	3326.0

Sample Name: K3065-18A Acquired: 5/28/2019 23:26:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8256 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	.76312	1.7773	.88427	1.9324	.71202	1.8342	.54715	.18664	.18330
Stddev	.00310	.0045	.00052	.0045	.00241	.0132	.00406	.00060	.00020
%RSD	.40678	.25064	.05867	.23220	.33836	.72058	.74268	.32140	.10877

#1	.76541	1.7726	.88480	1.9337	.71352	1.8199	.54312	.18645	.18353
#2	.75959	1.7781	.88377	1.9273	.71330	1.8460	.55125	.18731	.18315
#3	.76435	1.7814	.88423	1.9360	.70924	1.8368	.54707	.18616	.18324

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6152	.38454	.27687	.26426	16.938	1.1837	10.128	.96457	.06953
Stddev	.0057	.00072	.00058	.00036	.054	.0032	.038	.00224	.00007
%RSD	.06625	.18640	.20941	.13804	.31725	.27130	.37591	.23259	.10518

#1	8.6086	.38376	.27620	.26384	16.879	1.1804	10.086	.96212	.06954
#2	8.6180	.38518	.27717	.26448	16.985	1.1868	10.137	.96652	.06960
#3	8.6190	.38466	.27725	.26447	16.951	1.1839	10.160	.96507	.06945

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	277.40	.29378	.29134	10.470	.39238	.33440	.26237	2.6208	.65418
Stddev	1.99	.00127	.00067	.166	.00024	.02817	.00309	.0309	.00174
%RSD	.71866	.43180	.22857	1.5809	.06103	8.4251	1.1767	1.1796	.26602

#1	275.13	.29311	.29061	10.310	.39260	.31308	.25915	2.6476	.65222
#2	278.86	.29524	.29190	10.640	.39212	.36634	.26531	2.5870	.65554
#3	278.21	.29298	.29151	10.461	.39243	.32377	.26267	2.6278	.65477

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19671	.19101	5.734	.20712	3.0101	6.2350
Stddev	.00190	.00117	.016	.00147	.1016	.2690
%RSD	.96408	.61117	.2748	.70975	3.3752	4.3142

#1	.19869	.19117	5.717	.20879	3.0192	6.0479
#2	.19491	.18977	5.749	.20602	3.1069	6.1137
#3	.19654	.19209	5.737	.20655	2.9043	6.5432

Sample Name: K3065-18A Acquired: 5/28/2019 23:26:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8256 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	3467.1	44328.	4041.0	40.568	3396.0
Stddev	3.3	182.	30.3	.380	6.8
%RSD	.09535	.41069	.74887	.93656	.20013
#1	3470.9	44397.	4007.7	41.005	3403.9
#2	3466.0	44122.	4066.8	40.385	3392.5
#3	3464.6	44466.	4048.6	40.314	3391.7

Sample Name: CCV13 Acquired: 5/28/2019 23:30:57 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1430	4.9368	4.7746	5.0410	4.8773	9.4514	9.7547	.24986
Stddev	.0044	.0052	.0033	.0055	.0085	.1088	.1299	.00033
%RSD	.08533	.10439	.06876	.10887	.17490	1.1512	1.3313	.13044
#1	5.1478	4.9326	4.7720	5.0351	4.8804	9.3393	9.6106	.25023
#2	5.1418	4.9352	4.7736	5.0459	4.8676	9.4585	9.7910	.24970
#3	5.1393	4.9425	4.7783	5.0420	4.8838	9.5566	9.8626	.24964
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4242	25.217	1.0014	2.4073	1.2201	4.9332	2.4560	24.133
Stddev	.0008	.160	.0007	.0041	.0010	.0017	.0026	.363
%RSD	.03122	.63460	.06770	.17102	.08463	.03504	.10465	1.5052
#1	2.4245	25.037	1.0007	2.4035	1.2208	4.9346	2.4586	23.795
#2	2.4233	25.345	1.0020	2.4068	1.2189	4.9312	2.4559	24.086
#3	2.4247	25.269	1.0017	2.4117	1.2206	4.9337	2.4535	24.517
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4662	1.2826	23.762	2.5185	2.3775	24.725	5.1611	4.8241
Stddev	.0024	.0004	.132	.0056	.0022	.205	.0087	.0689
%RSD	.09928	.03071	.55355	.22294	.09259	.82896	.16799	1.4279
#1	2.4634	1.2828	23.614	2.5223	2.3771	24.506	5.1554	4.7620
#2	2.4671	1.2829	23.807	2.5211	2.3756	24.755	5.1568	4.8121
#3	2.4680	1.2822	23.865	2.5121	2.3799	24.913	5.1711	4.8982
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1083	5.2753	5.0103	5.0721	5.0157	5.090	5.0378	F 3.2708
Stddev	.0144	.0264	.0012	.0348	.0181	.008	.0249	.1138
%RSD	.28223	.50054	.02378	.68635	.36144	.1501	.49493	3.4780
#1	5.1030	5.2924	5.0097	5.0325	5.0106	5.093	5.0159	3.3953
#2	5.1246	5.2885	5.0096	5.0976	5.0358	5.096	5.0649	3.1724
#3	5.0972	5.2449	5.0117	5.0863	5.0006	5.081	5.0325	3.2447

Sample Name: CCV13 Acquired: 5/28/2019 23:30:57 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15030 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2956
Stddev	.9733
%RSD	29.532

#1	3.4023
#2	2.2733
#3	4.2110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.6	44610.	3923.3	39.226	3419.5
Stddev	10.7	195.	9.0	.596	11.3
%RSD	.30656	.43733	.22948	1.5205	.33109

#1	3485.1	44751.	3915.2	38.620	3431.7
#2	3480.2	44692.	3921.7	39.812	3417.3
#3	3464.7	44387.	3933.0	39.245	3409.4

Sample Name: CCB13 Acquired: 5/28/2019 23:35:06 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.00111	-.00065	.00011	.00023	-.00908	.00122	.00002
Stddev	.00107	.00080	.00036	.00115	.00050	.00397	.00023	.00006
%RSD	48.590	71.623	55.078	1071.1	218.86	43.773	18.917	275.78
#1	.00098	.00180	-.00070	-.00104	.00031	-.00460	.00106	.00009
#2	.00294	.00024	-.00099	.00010	-.00031	-.01218	.00149	.00002
#3	.00272	.00131	-.00027	.00126	.00068	-.01046	.00112	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00085	.00004	-.00007	-.00039	-.00191	.00011	.01922
Stddev	.00005	.00583	.00009	.00022	.00026	.00017	.00003	.02968
%RSD	176.70	689.42	206.98	323.35	65.840	9.1416	29.718	154.43
#1	.00008	-.00416	-.00002	-.00018	-.00043	-.00211	.00009	-.01045
#2	.00001	-.00055	.00015	.00018	-.00011	-.00182	.00009	.04891
#3	-.00001	.00724	.00000	-.00021	-.00062	-.00179	.00014	.01920
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00011	.08862	.00020	-.00054	.01456	.00089	-.01370
Stddev	.00010	.00015	.00552	.00026	.00004	.01485	.00036	.00616
%RSD	46.375	138.33	6.2235	127.63	6.6784	102.02	40.074	44.948
#1	.00030	-.00020	.09215	.00030	-.00055	.00952	.00127	-.01037
#2	.00023	.00006	.08227	.00041	-.00057	.03127	.00083	-.00992
#3	.00010	-.00019	.09146	-.00009	-.00050	.00288	.00057	-.02080
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00000	-.00111	.00303	.00160	.0038	.00031	F 2.3633
Stddev	.00160	.00198	.00100	.00126	.00030	.0003	.00002	.1627
%RSD	46.301	49101.	89.838	41.621	18.862	8.688	7.7086	6.8844
#1	.00163	-.00228	-.00018	.00440	.00127	.0038	.00030	2.5074
#2	.00414	.00134	-.00100	.00191	.00185	.0041	.00030	2.3956
#3	.00459	.00093	-.00217	.00278	.00168	.0035	.00034	2.1868

Sample Name: CCB13 Acquired: 5/28/2019 23:35:06 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15030 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2474
Stddev	.8208
%RSD	36.521

#1	1.5179
#2	3.1361
#3	2.0881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.2	46728.	3941.2	41.213	3866.0
Stddev	14.4	243.	24.0	1.631	16.7
%RSD	.39570	.52053	.60836	3.9567	.43156

#1	3633.0	46450.	3940.0	43.032	3849.6
#2	3646.7	46833.	3965.8	39.882	3865.4
#3	3661.8	46902.	3917.9	40.725	3883.0

Sample Name: K3054-01 Acquired: 5/29/2019 15:28:50 Type: Unk
Method: P4-ICP2(v3155) 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	.04195	-.00973	.14964	-.00048	.00582	89.547	.50696	.01360
Stddev	.00210	.00161	.00160	.00108	.00119	.414	.00555	.00017
%RSD	5.0067	16.564	1.0723	222.12	20.395	.46235	1.0942	1.2189
#1	.04076	-.00948	.15040	-.00107	.00484	89.155	.50483	.01341
#2	.04072	-.00825	.15072	-.00114	.00548	89.980	.51325	.01371
#3	.04438	-.01145	.14779	.00076	.00714	89.508	.50279	.01367
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	16.922	.20171	.18475	.29335	189.95	5.5128	47.272
Stddev	.00008	.026	.00051	.00011	.00224	.59	.0287	.245
%RSD	2.4379	.15129	.25121	.05775	.76272	.30970	.52057	.51879
#1	-.00331	16.906	.20112	.18482	.29223	189.29	5.4984	46.991
#2	-.00338	16.909	.20202	.18480	.29593	190.41	5.5459	47.442
#3	-.00322	16.952	.20198	.18462	.29190	190.15	5.4942	47.384
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3172	-.00635	4.5754	.28152	.56226	9.3025	.00106	.00159
Stddev	.0106	.00022	.0275	.00091	.00500	.0720	.00009	.00989
%RSD	.80586	3.4460	.60041	.32398	.89000	.77418	8.2888	622.38
#1	1.3226	-.00628	4.5603	.28146	.56762	9.2467	.00096	-.00965
#2	1.3050	-.00660	4.6071	.28246	.56147	9.3838	.00110	.00542
#3	1.3241	-.00618	4.5588	.28064	.55770	9.2769	.00112	.00900
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72145	3.0503	.01346	3.3636	.12833	4.600	-.11999	<.00000
Stddev	.00494	.0478	.00138	.0171	.00123	.011	.00045	.13149
%RSD	.68439	1.5663	10.260	.50865	.95839	.2430	.37543	3.3125
#1	.71678	3.0179	.01392	3.3438	.12696	4.598	-.11957	-3.8179
#2	.72096	3.0279	.01454	3.3726	.12870	4.612	-.12047	-4.0540
#3	.72662	3.1052	.01190	3.3743	.12934	4.590	-.11993	-4.0363

Sample Name: K3054-01 Acquired: 5/29/2019 15:28:50 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 95.210
Stddev	.682
%RSD	.71639

#1	95.256
#2	94.506
#3	95.868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4166.2	53531.	4932.6	40.851	3512.4
Stddev	43.5	114.	18.6	.988	27.9
%RSD	1.0441	.21235	.37624	2.4182	.79506

#1	4145.4	53512.	4918.4	40.788	3482.8
#2	4137.0	53429.	4953.6	39.897	3516.2
#3	4216.2	53654.	4925.9	41.869	3538.2

Sample Name: K3054-01DUP Acquired: 5/29/2019 15:33:24 Type: Unk
Method: P4-ICP2(v3155) 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	.04162	-.00801	.14598	.00140	.00454	91.054	.51201	.01362
Stddev	.00054	.00061	.00041	.00131	.00202	.361	.00105	.00012
%RSD	1.2950	7.5525	.28165	93.580	44.517	.39647	.20468	.90645
#1	.04118	-.00793	.14586	.00145	.00625	90.691	.51127	.01350
#2	.04222	-.00745	.14564	.00007	.00231	91.059	.51321	.01375
#3	.04145	-.00865	.14644	.00269	.00507	91.413	.51155	.01361
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	16.303	.20145	.18471	.29346	190.99	5.5968	47.135
Stddev	.00008	.067	.00084	.00046	.00202	.53	.0396	.336
%RSD	2.4893	.41156	.41459	.24836	.68943	.27725	.70796	.71314
#1	-.00311	16.357	.20135	.18521	.29423	191.47	5.6380	46.876
#2	-.00312	16.324	.20233	.18461	.29499	191.08	5.5590	47.014
#3	-.00325	16.228	.20066	.18431	.29117	190.43	5.5933	47.515
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2896	-.00661	4.5210	.28366	.56880	9.2746	.00102	-.00243
Stddev	.0116	.00076	.0089	.00217	.00236	.0216	.00012	.00639
%RSD	.90252	11.438	.19713	.76352	.41425	.23279	11.767	263.18
#1	1.2762	-.00737	4.5122	.28616	.56711	9.2814	.00109	.00411
#2	1.2969	-.00660	4.5206	.28246	.56780	9.2920	.00088	-.00866
#3	1.2957	-.00586	4.5301	.28236	.57149	9.2505	.00108	-.00274
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70957	3.0976	.01333	3.3684	.12868	4.675	-.12061	<.00000
Stddev	.00193	.0261	.00056	.0044	.00129	.008	.00072	.13897
%RSD	.27183	.84109	4.1656	.13196	1.0032	.1767	.60041	4.1349
#1	.71061	3.1277	.01337	3.3689	.12925	4.685	-.12111	-3.5173
#2	.71075	3.0841	.01387	3.3726	.12959	4.669	-.12094	-3.2514
#3	.70734	3.0811	.01276	3.3637	.12720	4.672	-.11978	-3.3141

Sample Name: K3054-01DUP Acquired: 5/29/2019 15:33:24 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 96.754
Stddev	.536
%RSD	.55415

#1	96.979
#2	96.142
#3	97.141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4133.3	53781.	4988.6	41.372	3489.8
Stddev	9.8	90.	49.1	.927	18.2
%RSD	.23737	.16647	.98389	2.2418	.52189

#1	4130.1	53680.	4939.1	40.877	3502.0
#2	4125.4	53851.	4989.6	40.796	3498.5
#3	4144.3	53811.	5037.3	42.442	3468.8

Sample Name: K3054-01LX5 Acquired: 5/29/2019 15:37:57 Type: Unk
Method: P4-ICP2(v3155) 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	.00824	-.00072	.03031	.00228	-.00022	20.804	.11800	.00280
Stddev	.00216	.00104	.00151	.00098	.00034	.085	.00085	.00013
%RSD	26.243	143.81	4.9967	42.963	157.21	.40991	.72355	4.6625

#1	.00774	-.00022	.02865	.00274	-.00035	20.755	.11716	.00278
#2	.01060	-.00192	.03161	.00115	.00017	20.754	.11887	.00268
#3	.00637	-.00003	.03068	.00294	-.00047	20.902	.11799	.00294

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	4.0078	.04825	.03781	.07010	51.509	1.3764	10.951
Stddev	.00004	.0389	.00001	.00007	.00045	.224	.0010	.080
%RSD	1.6078	.97098	.01855	.17285	.64807	.43445	.06987	.72902

#1	-.00228	3.9653	.04826	.03782	.06958	51.251	1.3756	10.868
#2	-.00222	4.0416	.04824	.03788	.07034	51.645	1.3760	11.027
#3	-.00221	4.0166	.04825	.03775	.07039	51.632	1.3775	10.958

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26755	-.00084	1.1853	.06694	.11183	2.2976	-.00012	.00475
Stddev	.00016	.00022	.0186	.00023	.00034	.0331	.00004	.01778
%RSD	.06017	25.753	1.5728	.34839	.29987	1.4423	32.973	374.37

#1	.26738	-.00086	1.1662	.06714	.11189	2.2643	-.00014	.01825
#2	.26770	-.00104	1.1863	.06701	.11212	2.3306	-.00007	.01139
#3	.26757	-.00061	1.2035	.06669	.11146	2.2978	-.00014	-.01539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14283	.76167	.00188	.80030	.03231	.9262	-.03538	2.0260
Stddev	.00308	.01529	.00017	.00511	.00072	.0058	.00023	.2460
%RSD	2.1543	2.0077	8.9470	.63851	2.2224	.6298	.66134	12.141

#1	.14010	.76299	.00173	.80063	.03149	.9299	-.03513	1.7420
#2	.14617	.74576	.00186	.80523	.03262	.9195	-.03559	2.1674
#3	.14223	.77626	.00206	.79503	.03282	.9293	-.03541	2.1687

Sample Name: K3054-01LX5 Acquired: 5/29/2019 15:37:57 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	22.655
Stddev	.542
%RSD	2.3911

#1	22.565
#2	22.163
#3	23.236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3764.8	48555.	4325.3	42.090	3748.6
Stddev	11.0	80.	26.7	1.884	9.1
%RSD	.29291	.16492	.61779	4.4752	.24287

#1	3754.7	48529.	4300.4	39.961	3742.0
#2	3763.1	48491.	4322.0	43.541	3744.9
#3	3776.6	48645.	4353.5	42.768	3759.0

Sample Name: K3054-01MS Acquired: 5/29/2019 15:42:24 Type: Unk
Method: P4-ICP2(v3155) 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	.68265	1.9414	1.1306	1.6159	.18139	90.555	.71198	.17910
Stddev	.00137	.0077	.0024	.0143	.00311	.357	.00482	.00078
%RSD	.20052	.39514	.20877	.88280	1.7172	.39432	.67715	.43580
#1	.68125	1.9325	1.1308	1.6035	.17783	90.696	.71581	.17997
#2	.68399	1.9457	1.1328	1.6126	.18272	90.820	.71356	.17886
#3	.68271	1.9459	1.1281	1.6315	.18361	90.149	.70657	.17846
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18852	12.123	.52291	.36929	.53821	184.25	7.1442	45.129
Stddev	.00172	.060	.00168	.00064	.00316	.52	.0362	.294
%RSD	.91134	.49325	.32223	.17391	.58803	.27968	.50683	.65136
#1	.19014	12.186	.52115	.36945	.53646	183.94	7.1569	45.286
#2	.18871	12.067	.52307	.36984	.53630	184.84	7.1723	45.311
#3	.18672	12.118	.52451	.36859	.54186	183.97	7.1033	44.790
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6361	.05496	6.6805	.52106	.76545	16.767	.32611	.22349
Stddev	.0127	.00050	.0617	.00056	.00495	.082	.00150	.01438
%RSD	.77785	.90338	.92304	.10842	.64729	.49156	.46132	6.4356
#1	1.6439	.05480	6.7305	.52153	.76875	16.840	.32581	.21125
#2	1.6430	.05457	6.6995	.52121	.76785	16.782	.32479	.21988
#3	1.6214	.05552	6.6116	.52043	.75975	16.677	.32775	.23933
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52243	2.7737	.68057	3.6788	.29250	F 10.36	.04318	<.00000
Stddev	.00383	.0577	.00220	.0250	.00249	.01	.00118	.20545
%RSD	.73317	2.0814	.32280	.67955	.85185	.1347	2.7409	4.7945
#1	.51938	2.7076	.67918	3.6534	.29344	10.36	.04414	-4.2031
#2	.52119	2.7986	.68310	3.6794	.28967	10.37	.04186	-4.5190
#3	.52673	2.8148	.67943	3.7034	.29438	10.35	.04355	-4.1335

Sample Name: K3054-01MS Acquired: 5/29/2019 15:42:24 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 90.856
Stddev	.936
%RSD	1.0304

#1	90.847
#2	89.924
#3	91.797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4184.8	54335.	4959.0	42.092	3494.9
Stddev	6.6	301.	16.4	.917	19.6
%RSD	.15675	.55367	.32971	2.1796	.56204

#1	4180.4	54081.	4942.3	43.003	3481.3
#2	4192.4	54257.	4975.0	41.168	3486.0
#3	4181.7	54667.	4959.8	42.106	3517.4

Sample Name: K3054-01MSD Acquired: 5/29/2019 15:46:52 Type: Unk
Method: P4-ICP2(v3155) 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	.67441	1.9333	1.1274	1.5951	.17900	90.424	.72108	.17711
Stddev	.00161	.0045	.0044	.0027	.00145	.301	.00560	.00021
%RSD	.23873	.23449	.38696	.16999	.81013	.33273	.77694	.12089
#1	.67559	1.9346	1.1305	1.5927	.17830	90.078	.71596	.17700
#2	.67257	1.9371	1.1224	1.5946	.17803	90.564	.72023	.17736
#3	.67506	1.9283	1.1293	1.5981	.18066	90.629	.72706	.17697
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18868	11.803	.52359	.37534	.53618	182.68	7.5545	45.508
Stddev	.00030	.067	.00234	.00032	.00208	.57	.0301	.375
%RSD	.16105	.56879	.44631	.08436	.38733	.31155	.39858	.82402
#1	.18858	11.731	.52181	.37566	.53592	182.30	7.5676	45.089
#2	.18903	11.864	.52624	.37502	.53424	182.40	7.5758	45.626
#3	.18845	11.814	.52273	.37534	.53837	183.33	7.5200	45.811
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6736	.05448	6.6047	.52203	.76037	16.613	.32337	.21282
Stddev	.0025	.00029	.0401	.00281	.00167	.051	.00138	.00453
%RSD	.14793	.53335	.60703	.53843	.21924	.30544	.42672	2.1291
#1	1.6712	.05440	6.5621	.51959	.76044	16.586	.32237	.21459
#2	1.6761	.05424	6.6104	.52510	.76200	16.672	.32279	.21620
#3	1.6735	.05480	6.6417	.52139	.75866	16.582	.32494	.20767
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51840	2.8660	.67756	3.6381	.29036	F 10.20	.04197	<.00000
Stddev	.00641	.0279	.00120	.0130	.00268	.01	.00115	.12079
%RSD	1.2355	.97268	.17649	.35806	.92342	.1320	2.7428	3.1167
#1	.52554	2.8978	.67674	3.6284	.29153	10.19	.04212	-3.8213
#2	.51650	2.8545	.67701	3.6529	.29225	10.19	.04304	-4.0140
#3	.51316	2.8457	.67893	3.6330	.28729	10.21	.04075	-3.7915

Sample Name: K3054-01MSD Acquired: 5/29/2019 15:46:52 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CULVER-CBTC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 90.560
Stddev	.774
%RSD	.85440

#1	89.945
#2	90.306
#3	91.429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4203.6	54590.	4964.5	40.197	3495.9
Stddev	7.5	117.	39.1	.595	8.9
%RSD	.17786	.21499	.78808	1.4794	.25459

#1	4198.4	54642.	4953.0	40.737	3491.2
#2	4212.2	54456.	4932.4	39.560	3490.3
#3	4200.3	54673.	5008.0	40.295	3506.1

Sample Name: K3054-01A Acquired: 5/29/2019 15:51:19 Type: Unk
Method: P4-ICP2(v3155) 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	.67489	1.9448	1.1352	1.6060	.18143	90.992	.71844	.17865
Stddev	.00380	.0056	.0017	.0117	.00083	.903	.00567	.00044
%RSD	.56365	.28697	.14560	.72704	.45598	.99200	.78878	.24436
#1	.67862	1.9497	1.1336	1.6105	.18132	90.204	.71275	.17849
#2	.67505	1.9388	1.1352	1.6149	.18066	90.795	.71848	.17832
#3	.67101	1.9460	1.1369	1.5928	.18231	91.977	.72408	.17915
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18925	11.965	.52338	.37325	.53817	185.01	7.3543	45.465
Stddev	.00147	.028	.00129	.00062	.00431	.77	.0704	.420
%RSD	.77477	.23620	.24606	.16606	.80130	.41611	.95695	.92355
#1	.18963	11.932	.52232	.37277	.53958	184.17	7.2731	45.101
#2	.18762	11.982	.52300	.37395	.54160	185.17	7.3971	45.370
#3	.19048	11.980	.52481	.37303	.53333	185.69	7.3927	45.924
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6585	.05522	6.6523	.52234	.76147	16.757	.32582	.22746
Stddev	.0111	.00045	.0429	.00068	.00518	.132	.00215	.00786
%RSD	.66774	.80960	.64548	.12955	.68066	.78477	.65985	3.4536
#1	1.6586	.05491	6.6175	.52308	.76257	16.633	.32681	.22951
#2	1.6474	.05502	6.6390	.52175	.75582	16.743	.32730	.23408
#3	1.6695	.05573	6.7003	.52219	.76601	16.895	.32336	.21878
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52116	2.8756	.67846	3.6666	.29336	F 10.30	.04142	<.00000
Stddev	.00406	.0144	.00212	.0128	.00086	.01	.00036	.43737
%RSD	.77982	.49928	.31255	.35020	.29460	.1112	.87763	10.283
#1	.52379	2.8654	.68090	3.6526	.29239	10.31	.04120	-4.2438
#2	.52322	2.8695	.67714	3.6691	.29405	10.31	.04184	-3.8211
#3	.51648	2.8920	.67734	3.6780	.29364	10.29	.04123	-4.6957

Sample Name: K3054-01A Acquired: 5/29/2019 15:51:19 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 91.664
Stddev .943
%RSD 1.0293

#1 91.972
#2 92.415
#3 90.605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4196.1	54530.	4968.7	40.745	3501.8
Stddev	2.6	209.	9.1	.634	23.4
%RSD	.06156	.38364	.18331	1.5552	.66837

#1	4197.8	54681.	4960.7	40.154	3500.9
#2	4197.3	54618.	4966.7	41.414	3525.7
#3	4193.1	54291.	4978.6	40.667	3478.9

Sample Name: K3072-01 Acquired: 5/29/2019 15:55:47 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10265	.00596	.16902	-.01021	.01118	278.20	.85745	.02452
Stddev	.00358	.00185	.00052	.00206	.00079	.82	.00286	.00013
%RSD	3.4912	31.000	.30588	20.184	7.0526	.29420	.33348	.52774
#1	.10490	.00671	.16874	-.01231	.01118	277.43	.85415	.02444
#2	.09851	.00385	.16870	-.01011	.01197	278.11	.85919	.02467
#3	.10453	.00731	.16962	-.00820	.01040	279.06	.85901	.02446
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00373	13.398	.41837	.11353	.20576	313.18	3.7632	55.040
Stddev	.00030	.093	.00036	.00008	.00069	2.12	.0021	.257
%RSD	7.9544	.69675	.08668	.07003	.33436	.67623	.05468	.46656
#1	-.00340	13.392	.41854	.11346	.20639	311.36	3.7630	54.743
#2	-.00396	13.494	.41795	.11352	.20585	315.50	3.7654	55.180
#3	-.00385	13.308	.41862	.11362	.20502	312.67	3.7613	55.195
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21720	-.01724	3.0366	.64328	.64603	13.432	.00292	-.09204
Stddev	.00050	.00040	.0110	.00166	.00210	.053	.00041	.00430
%RSD	.22936	2.3337	.36139	.25741	.32476	.39150	14.182	4.6737
#1	.21710	-.01679	3.0244	.64174	.64800	13.398	.00327	-.08980
#2	.21774	-.01737	3.0396	.64307	.64626	13.407	.00303	-.08933
#3	.21675	-.01756	3.0457	.64503	.64382	13.493	.00246	-.09700
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3779	5.1723	.02632	2.6400	.34826	3.953	-.25796	<.00000
Stddev	.0061	.0469	.00105	.0133	.00208	.006	.00201	.23027
%RSD	.44091	.90584	3.9832	.50251	.59582	.1442	.77973	7.8323
#1	1.3730	5.1830	.02649	2.6272	.34857	3.949	-.25619	-2.7253
#2	1.3847	5.2129	.02519	2.6537	.34605	3.959	-.26015	-3.1832
#3	1.3761	5.1210	.02727	2.6391	.35017	3.949	-.25755	-2.9116

Sample Name: K3072-01 Acquired: 5/29/2019 15:55:47 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 152.46
Stddev	.74
%RSD	.48611

#1	151.61
#2	152.87
#3	152.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.4	48655.	4659.2	41.486	3381.6
Stddev	23.0	77.	37.6	1.135	20.9
%RSD	.59849	.15884	.80688	2.7358	.61750

#1	3827.1	48594.	4640.9	42.255	3364.1
#2	3840.3	48629.	4634.2	40.183	3375.9
#3	3871.9	48741.	4702.4	42.020	3404.7

Sample Name: K3072-02 Acquired: 5/29/2019 16:00:12 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15825	-.02438	.29324	-.04840	.01275	324.51	1.0836	.03880
Stddev	.00240	.00155	.00164	.00208	.00102	1.69	.0074	.00045
%RSD	1.5169	6.3691	.55823	4.3075	7.9892	.52065	.68411	1.1706
#1	.15551	-.02375	.29512	-.04638	.01158	322.72	1.0791	.03833
#2	.16000	-.02325	.29243	-.05054	.01339	326.07	1.0922	.03924
#3	.15923	-.02615	.29216	-.04827	.01329	324.75	1.0795	.03881
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01290	17.059	.62032	.24460	.44213	351.37	5.8879	125.73
Stddev	.00014	.107	.00008	.00041	.00090	.28	.0152	1.11
%RSD	1.1172	.62731	.01325	.16915	.20311	.07888	.25767	.88443
#1	.01305	16.982	.62023	.24466	.44160	351.55	5.8706	124.61
#2	.01276	17.181	.62039	.24416	.44162	351.05	5.8991	126.83
#3	.01290	17.013	.62035	.24498	.44317	351.51	5.8939	125.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47714	-.03149	4.2954	.73142	1.2001	49.381	-.00088	-.22746
Stddev	.00031	.00045	.0246	.00127	.0007	.147	.00036	.00622
%RSD	.06460	1.4435	.57234	.17343	.06041	.29780	40.690	2.7348
#1	.47680	-.03202	4.2772	.73092	1.1995	49.304	-.00091	-.22101
#2	.47741	-.03125	4.3234	.73048	1.2000	49.550	-.00122	-.22794
#3	.47720	-.03121	4.2856	.73286	1.2009	49.288	-.00051	-.23342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7638	3.3078	.04373	6.6275	.41511	5.608	-.29211	<.00000
Stddev	.0086	.0222	.00068	.0279	.00120	.007	.00073	.37310
%RSD	.48880	.66988	1.5636	.42074	.28993	.1236	.25034	3.7937
#1	1.7657	3.3074	.04335	6.6250	.41378	5.613	-.29288	-10.242
#2	1.7544	3.3301	.04451	6.6566	.41544	5.600	-.29142	-9.7535
#3	1.7713	3.2858	.04331	6.6010	.41612	5.612	-.29203	-9.5087

Sample Name: K3072-02 Acquired: 5/29/2019 16:00:12 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 228.21
Stddev 1.94
%RSD .84797

#1 228.18
#2 226.29
#3 230.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4415.0	57440.	5636.6	40.154	3112.9
Stddev	7.3	79.	19.9	1.407	3.2
%RSD	.16450	.13822	.35335	3.5040	.10367

#1	4409.6	57407.	5617.1	39.884	3112.4
#2	4423.3	57383.	5635.8	41.676	3116.3
#3	4412.2	57531.	5656.9	38.902	3109.9

Sample Name: CCV04 Acquired: 5/29/2019 16:04:46 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0399	5.0223	4.9678	5.0979	5.0207	9.9066	10.213	.25281
Stddev	.0057	.0074	.0050	.0027	.0059	.0168	.072	.00061
%RSD	.11304	.14749	.10162	.05304	.11776	.16905	.70289	.24073
#1	5.0372	5.0138	4.9649	5.0987	5.0205	9.9218	10.131	.25266
#2	5.0360	5.0256	4.9736	5.0949	5.0268	9.8886	10.246	.25348
#3	5.0464	5.0275	4.9649	5.1002	5.0149	9.9094	10.263	.25229
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4707	25.043	1.0007	2.4905	1.2516	5.0320	2.5645	25.246
Stddev	.0017	.112	.0017	.0036	.0019	.0050	.0026	.062
%RSD	.07037	.44654	.16508	.14408	.15551	.09884	.10187	.24414
#1	2.4713	24.929	1.0026	2.4889	1.2538	5.0318	2.5657	25.195
#2	2.4720	25.153	.99996	2.4946	1.2502	5.0370	2.5615	25.314
#3	2.4687	25.048	.99951	2.4881	1.2508	5.0271	2.5663	25.229
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4742	1.2486	25.097	2.5061	2.4940	24.577	5.0121	4.9050
Stddev	.0022	.0004	.061	.0003	.0030	.074	.0005	.0250
%RSD	.08850	.03488	.24464	.01025	.12201	.30060	.00958	.50960
#1	2.4756	1.2491	25.044	2.5063	2.4911	24.497	5.0118	4.8764
#2	2.4753	1.2484	25.164	2.5059	2.4971	24.591	5.0127	4.9227
#3	2.4717	1.2484	25.084	2.5059	2.4937	24.643	5.0119	4.9160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0650	4.7974	4.9409	4.9838	4.8095	5.165	5.0251	4.5715
Stddev	.0137	.0167	.0120	.0160	.0047	.003	.0232	.1691
%RSD	.27086	.34701	.24241	.32122	.09753	.0550	.46129	3.6999
#1	5.0520	4.7790	4.9331	4.9766	4.8045	5.164	5.0035	4.4946
#2	5.0638	4.8114	4.9547	5.0022	4.8138	5.167	5.0496	4.7654
#3	5.0793	4.8018	4.9349	4.9727	4.8102	5.162	5.0223	4.4544

Sample Name: CCV04 Acquired: 5/29/2019 16:04:46 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8229
Stddev	.1388
%RSD	4.9158

#1	2.9532
#2	2.8385
#3	2.6770

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.8	45152.	4183.3	41.476	3484.8
Stddev	7.2	81.	4.2	.078	4.8
%RSD	.20654	.18019	.09932	.18750	.13724

#1	3485.5	45083.	4183.8	41.535	3479.9
#2	3498.5	45131.	4179.0	41.388	3485.0
#3	3497.4	45241.	4187.3	41.505	3489.5

Sample Name: CCB04 Acquired: 5/29/2019 16:08:53 Type: Unk
Method: P4-ICP2(v3155) 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	-.00317	.00127	.00044	-.00216	-.00116	-.00585	.00085	-.00010
Stddev	.00223	.00053	.00121	.00203	.00078	.00223	.00008	.00003
%RSD	70.330	41.558	275.12	94.286	66.675	38.047	8.8927	26.646
#1	-.00547	.00108	.00178	-.00450	-.00172	-.00644	.00086	-.00012
#2	-.00301	.00187	.00010	-.00082	-.00028	-.00339	.00077	-.00009
#3	-.00102	.00087	-.00057	-.00115	-.00149	-.00772	.00092	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00069	-.00004	.00005	-.00028	.00283	-.00001	.00066
Stddev	.00003	.00334	.00001	.00018	.00017	.00022	.00003	.02984
%RSD	184.33	487.92	24.383	369.87	60.061	7.9142	202.70	4519.6
#1	.00001	.00306	-.00004	.00017	-.00037	.00283	.00000	.00148
#2	.00005	-.00314	-.00004	-.00016	-.00009	.00306	-.00004	-.02958
#3	-.00001	.00214	-.00003	.00014	-.00038	.00261	.00000	.03008
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00009	.03465	-.00008	-.00015	.13091	.00026	.01616
Stddev	.00036	.00012	.00667	.00039	.00014	.01430	.00006	.01226
%RSD	447.56	136.06	19.250	473.05	94.283	10.924	23.025	75.848
#1	-.00024	.00023	.03320	.00013	.00000	.14509	.00026	.01322
#2	.00001	.00006	.02883	.00016	-.00027	.13114	.00020	.02962
#3	.00047	-.00001	.04193	-.00053	-.00017	.11649	.00032	.00564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00283	.00166	-.00059	.00061	.00023	-.0013	.00014	F 2.2514
Stddev	.00237	.00297	.00034	.00131	.00037	.0003	.00003	.3043
%RSD	83.924	178.75	56.432	214.68	162.47	27.47	24.231	13.517
#1	-.00187	.00406	-.00037	.00185	.00060	-.0013	.00014	2.1934
#2	-.00553	-.00166	-.00044	-.00075	.00024	-.0016	.00017	1.9803
#3	-.00108	.00258	-.00098	.00073	-.00015	-.0009	.00010	2.5806

Sample Name: CCB04 Acquired: 5/29/2019 16:08:53 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .09716
Stddev .21708
%RSD 223.44

#1 -.15321
#2 .23291
#3 .21177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3666.7	47317.	4200.4	41.940	3922.6
Stddev	8.3	246.	20.7	1.406	3.9
%RSD	.22580	.52041	.49361	3.3527	.10037

#1	3663.9	47125.	4212.6	40.357	3919.1
#2	3660.1	47231.	4176.5	43.043	3921.8
#3	3676.0	47594.	4212.1	42.420	3926.9

Sample Name: PB120150BL Acquired: 5/29/2019 16:13:22 Type: Unk
Method: P4-ICP2(v3155) 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	.00031	.00041	.00035	-.00161	-.00046	-.00813	.00028
Stddev	.00290	.00051	.00025	.00178	.00043	.00256	.00039
%RSD	941.12	124.69	71.149	110.29	94.478	31.487	138.46

#1	-.00233	.00094	.00064	-.00337	-.00064	-.00728	.00008
#2	.00341	.00038	.00024	.00018	.00004	-.00611	.00073
#3	-.00016	-.00009	.00018	-.00164	-.00077	-.01101	.00003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00004	.00575	-.00016	.00035	-.00074	.00063
Stddev	.00004	.00002	.00776	.00015	.00003	.00014	.00059
%RSD	48.904	54.695	134.98	95.205	7.6287	18.658	94.231

#1	-.00008	-.00004	.01381	-.00022	.00038	-.00058	.00130
#2	-.00012	-.00002	.00510	.00001	.00033	-.00083	.00019
#3	-.00004	-.00007	-.00167	-.00027	.00035	-.00081	.00039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00933	.00056	.00004	.01731	-.00003	-.00041
Stddev	.00006	.05515	.00007	.00025	.00486	.00022	.00006
%RSD	306.70	591.01	12.393	667.25	28.062	698.35	15.444

#1	-.00001	.05295	.00052	-.00010	.02239	.00006	-.00041
#2	.00008	-.05266	.00064	.00032	.01683	.00012	-.00035
#3	-.00002	.02770	.00053	-.00012	.01271	-.00028	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09021	.00005	.00848	-.00372	-.00000	-.00112	.00156
Stddev	.02051	.00011	.00264	.00010	.00133	.00045	.00126
%RSD	22.740	207.58	31.073	2.7750	69819.	40.192	80.716

#1	.10896	.00001	.00594	-.00367	.00104	-.00161	.00011
#2	.09337	-.00003	.01120	-.00383	.00046	-.00074	.00237
#3	.06830	.00018	.00831	-.00365	-.00151	-.00100	.00220

Sample Name: PB120150BL Acquired: 5/29/2019 16:13:22 Type: Unk
Method: P4-ICP2(v3155) 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	-.00043	-.0000	-.00000	F .83967	F<.00000
Stddev	.00094	.0008	.00006	.24273	.30156
%RSD	216.91	1563.	7093.8	28.908	161.90

#1	-.00145	-.0004	.00006	.55958	-.17976
#2	-.00026	-.0006	.00001	.98864	.11200
#3	.00041	.0008	-.00007	.97078	-.49102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.2	47102.	4129.9	41.485	3904.2
Stddev	16.6	116.	26.6	1.123	15.6
%RSD	.45540	.24703	.64483	2.7067	.39966

#1	3627.5	47026.	4155.1	42.473	3888.8
#2	3651.9	47236.	4102.0	41.718	3903.9
#3	3659.2	47044.	4132.6	40.264	3920.0

Sample Name: PB120150BS Acquired: 5/29/2019 16:17:51 Type: Unk
Method: P4-ICP2(v3155) 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	.69417	1.8007	.88693	1.7657	.70029	1.7814	.19062
Stddev	.00245	.0028	.00113	.0041	.00209	.0105	.00215
%RSD	.35290	.15576	.12757	.23318	.29845	.59078	1.1297

#1	.69158	1.8025	.88792	1.7669	.70251	1.7714	.18856
#2	.69645	1.7975	.88570	1.7691	.69835	1.7924	.19285
#3	.69448	1.8022	.88718	1.7611	.70002	1.7805	.19044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17561	.17306	.97267	.38636	.18262	.28755	2.8799
Stddev	.00066	.00137	.00882	.00099	.00029	.00119	.0036
%RSD	.37664	.79299	.90707	.25682	.15636	.41541	.12604

#1	.17596	.17359	.96377	.38731	.18265	.28626	2.8840
#2	.17601	.17151	.98141	.38533	.18233	.28776	2.8784
#3	.17484	.17410	.97281	.38644	.18290	.28862	2.8772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19603	1.8368	.45448	.06711	2.8212	.28692	.17229
Stddev	.00026	.0075	.00061	.00034	.0121	.00060	.00016
%RSD	.13263	.40675	.13524	.50146	.42887	.20738	.09303

#1	.19601	1.8297	.45381	.06712	2.8077	.28735	.17211
#2	.19630	1.8362	.45502	.06744	2.8310	.28716	.17242
#3	.19578	1.8446	.45460	.06677	2.8250	.28624	.17233

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2087	.37849	.27257	F -.00614	.83412	.60947	.18752
Stddev	.0409	.00062	.00578	.00084	.00490	.00159	.00196
%RSD	.44390	.16351	2.1201	13.754	.58724	.26049	1.0475

#1	9.1967	.37809	.27493	-.00705	.83019	.60823	.18753
#2	9.2542	.37920	.26598	-.00539	.83257	.60893	.18555
#3	9.1752	.37818	.27678	-.00598	.83961	.61126	.18947

Sample Name: PB120150BS Acquired: 5/29/2019 16:17:51 Type: Unk
 Method: P4-ICP2(v3155) 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	.19328	5.036	.18850	F 1.8923	F<.00000
Stddev	.00285	.011	.00190	.1671	.24750
%RSD	1.4752	.2255	1.0104	8.8324	16.866
#1	.19010	5.048	.18631	1.9888	-1.3509
#2	.19415	5.026	.18973	1.9888	-1.7517
#3	.19560	5.034	.18946	1.6993	-1.2997
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.2	47330.	4153.2	41.023	3886.6
Stddev	11.8	26.	19.0	1.262	15.9
%RSD	.32307	.05544	.45643	3.0758	.41018
#1	3637.1	47314.	4165.5	42.470	3869.5
#2	3660.7	47360.	4162.7	40.152	3901.1
#3	3649.9	47315.	4131.3	40.448	3889.1

Sample Name: PB120150TB Acquired: 5/29/2019 16:22:00 Type: Unk
Method: P4-ICP2(v3155) 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	-.00408	-.00310	-.00123	.00074	-.00030	-.00256	.00048	-.00013
Stddev	.00248	.00098	.00048	.00142	.00037	.00585	.00043	.00011
%RSD	60.815	31.593	38.566	191.72	124.86	228.64	90.285	84.180

#1	-.00580	-.00332	-.00165	.00228	-.00072	-.00040	.00060	-.00022
#2	-.00123	-.00203	-.00134	-.00053	-.00005	-.00919	.00000	-.00015
#3	-.00520	-.00396	-.00072	.00047	-.00012	.00191	.00085	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00586	.00066	.00002	-.00032	.00092	-.00002	-.02069
Stddev	.00002	.00538	.00011	.00015	.00021	.00019	.00002	.00968
%RSD	26.366	91.684	17.002	628.78	65.076	20.345	65.052	46.800

#1	-.00011	.00554	.00077	-.00013	-.00038	.00098	-.00002	-.02365
#2	-.00007	.01139	.00054	.00016	-.00009	.00107	-.00004	-.02855
#3	-.00007	.00066	.00067	.00004	-.00049	.00071	-.00001	-.00987

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	.00153	F 307.34	-.00001	.00067	.12740	-.00006	.01736
Stddev	.00022	.00044	3.58	.00022	.00010	.05523	.00012	.00677
%RSD	11.210	28.542	1.1640	2534.1	14.901	43.347	210.60	39.025

#1	.00200	.00195	303.73	-.00023	.00066	.07168	.00003	.02512
#2	.00213	.00156	307.42	.00020	.00078	.12842	-.00001	.01265
#3	.00171	.00108	310.88	.00001	.00058	.18211	-.00019	.01430

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	.00658	-.00049	.00188	.00039	-.0007	.00002	3.6658
Stddev	.00202	.00157	.00106	.00120	.00098	.0011	.00005	.2277
%RSD	95.921	23.791	217.02	63.945	254.67	158.3	325.50	6.2110

#1	.00365	.00839	-.00055	.00059	.00036	-.0016	.00002	3.4051
#2	-.00018	.00566	-.00151	.00296	-.00058	.0005	.00006	3.7669
#3	.00287	.00569	.00060	.00210	.00138	-.0009	-.00004	3.8254

Sample Name: PB120150TB Acquired: 5/29/2019 16:22:00 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .18844
%RSD 150.35

#1 -.34110
#2 -.04171
#3 .00683

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.8	44124.	4094.4	40.682	3494.3
Stddev	7.7	136.	46.3	.961	7.5
%RSD	.22138	.30859	1.1299	2.3617	.21558

#1	3478.2	43973.	4045.5	39.809	3489.5
#2	3473.0	44160.	4137.5	41.711	3490.4
#3	3488.1	44238.	4100.3	40.525	3503.0

Sample Name: PB120161BL Acquired: 5/29/2019 16:26:38 Type: Unk
Method: P4-ICP2(v3155) 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	-.00317	-.00021	-.00090	-.00085	-.00048	-.01279	.00060	-.00007
Stddev	.00139	.00107	.00030	.00040	.00096	.00748	.00054	.00007
%RSD	43.918	517.58	33.012	47.640	199.52	58.484	90.682	111.00
#1	-.00450	.00015	-.00056	-.00125	-.00129	-.00425	.00009	.00002
#2	-.00328	-.00140	-.00113	-.00044	.00058	-.01595	.00117	-.00012
#3	-.00172	.00064	-.00100	-.00085	-.00073	-.01818	.00054	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00811	.00025	.00007	-.00063	.00016	-.00002	-.01403
Stddev	.00004	.01060	.00046	.00007	.00006	.00053	.00009	.01374
%RSD	186.66	130.66	184.13	106.77	9.9428	336.71	377.85	97.902
#1	-.00006	.00281	.00037	.00006	-.00070	-.00040	-.00005	-.02853
#2	.00001	.00121	-.00026	.00015	-.00058	.00066	.00007	-.01237
#3	-.00000	.02032	.00064	.00000	-.00061	.00021	-.00009	-.00120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00012	.09198	-.00007	-.00033	.11632	-.00026	.00349
Stddev	.00021	.00037	.00264	.00009	.00009	.01371	.00017	.01321
%RSD	62.222	299.19	2.8704	119.81	29.008	11.784	67.594	378.22
#1	.00012	.00045	.09269	-.00017	-.00042	.11283	-.00014	-.00674
#2	.00054	.00019	.09419	-.00005	-.00031	.10471	-.00018	.01840
#3	.00035	-.00027	.08906	.00000	-.00024	.13144	-.00046	-.00118
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00513	-.00159	-.00196	.00062	.00151	-.0007	.00002	F 1.7557
Stddev	.00132	.00076	.00012	.00074	.00068	.0002	.00003	.3218
%RSD	25.666	47.605	6.2241	119.95	45.003	21.40	198.07	18.331
#1	-.00423	-.00246	-.00188	.00082	.00110	-.0009	.00005	1.5599
#2	-.00453	-.00123	-.00210	.00124	.00229	-.0007	-.00001	2.1271
#3	-.00664	-.00108	-.00190	-.00020	.00113	-.0006	.00001	1.5800

Sample Name: PB120161BL Acquired: 5/29/2019 16:26:38 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .46137
Stddev	.12940
%RSD	28.046

#1	.60007
#2	.44014
#3	.34390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.0	47795.	4171.7	42.439	3937.1
Stddev	7.8	28.	37.0	.506	4.0
%RSD	.21148	.05907	.88588	1.1928	.10208

#1	3673.0	47767.	4159.1	42.973	3932.6
#2	3678.7	47824.	4213.3	41.966	3938.3
#3	3688.4	47795.	4142.7	42.377	3940.3

Sample Name: PB120161BS Acquired: 5/29/2019 16:31:05 Type: Unk
Method: P4-ICP2(v3155) 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	.71211	1.8444	.90753	1.8004	.71761	1.8014	.19248
Stddev	.00498	.0074	.00150	.0078	.00179	.0126	.00124
%RSD	.69996	.40304	.16522	.43519	.24993	.70187	.64269
#1	.71390	1.8473	.90643	1.8092	.71871	1.7901	.19109
#2	.70648	1.8500	.90923	1.7978	.71554	1.8150	.19288
#3	.71596	1.8359	.90692	1.7942	.71858	1.7990	.19347
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18005	.17751	.99951	.39374	.18722	.29394	2.9436
Stddev	.00041	.00032	.00723	.00060	.00077	.00072	.0023
%RSD	.22752	.18114	.72370	.15146	.40869	.24649	.07751
#1	.18010	.17752	.99931	.39439	.18700	.29407	2.9414
#2	.18043	.17783	1.0068	.39361	.18807	.29459	2.9435
#3	.17962	.17718	.99238	.39322	.18659	.29316	2.9459
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20039	1.8552	.46422	.06841	2.8836	.29465	.17689
Stddev	.00044	.0599	.00071	.00048	.0165	.00037	.00035
%RSD	.22152	3.2277	.15276	.69499	.57068	.12553	.19669
#1	.20057	1.9076	.46425	.06825	2.8700	.29459	.17666
#2	.19988	1.7899	.46492	.06804	2.8790	.29431	.17729
#3	.20072	1.8679	.46350	.06895	2.9019	.29505	.17671
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2546	.38965	.26720	F -.00488	.85420	.62991	.19245
Stddev	.0706	.00054	.01526	.00199	.00782	.00048	.00107
%RSD	.76320	.13906	5.7099	40.807	.91600	.07675	.55799
#1	9.2915	.39028	.28285	-.00543	.84948	.62975	.19279
#2	9.2992	.38941	.25237	-.00653	.86324	.63046	.19332
#3	9.1732	.38928	.26638	-.00267	.84989	.62953	.19125

Sample Name: PB120161BS Acquired: 5/29/2019 16:31:05 Type: Unk
Method: P4-ICP2(v3155) 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	.19726	5.164	.19263	F 2.6182	F<.00000
Stddev	.00074	.011	.00031	.1591	.34258
%RSD	.37264	.2076	.16193	6.0754	23.461
#1	.19705	5.162	.19243	2.6963	-1.1487
#2	.19664	5.176	.19299	2.4351	-1.8271
#3	.19807	5.155	.19247	2.7230	-1.4049
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.5	47678.	4130.0	42.594	3850.0
Stddev	2.9	202.	21.3	.506	6.5
%RSD	.07970	.42372	.51543	1.1886	.16756
#1	3621.8	47507.	4128.9	42.182	3854.5
#2	3625.6	47627.	4109.3	42.441	3842.6
#3	3620.0	47901.	4151.8	43.159	3852.9

Sample Name: PB120161TB Acquired: 5/29/2019 16:35:12 Type: Unk
Method: P4-ICP2(v3155) 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	-.00333	-.00375	-.00081	.00299	.00059	-.00469	.00066	-.00014
Stddev	.00058	.00147	.00086	.00166	.00160	.00780	.00033	.00006
%RSD	17.449	39.261	105.26	55.596	271.68	166.38	50.196	38.915
#1	-.00312	-.00475	.00005	.00491	.00097	-.00120	.00043	-.00017
#2	-.00399	-.00206	-.00166	.00206	.00196	.00076	.00051	-.00008
#3	-.00289	-.00443	-.00083	.00200	-.00117	-.01363	.00104	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01823	.00074	-.00003	-.00041	.00324	.00021	.02118
Stddev	.00004	.00832	.00040	.00010	.00039	.00022	.00003	.00718
%RSD	55.836	45.643	54.551	313.99	95.996	6.7054	13.314	33.915
#1	-.00003	.02622	.00038	.00007	-.00032	.00320	.00019	.01314
#2	-.00009	.00961	.00066	-.00012	-.00007	.00348	.00020	.02696
#3	-.00011	.01887	.00117	-.00004	-.00084	.00305	.00024	.02346
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	.00152	F 290.73	-.00004	.00543	.08987	.00018	-.00314
Stddev	.00033	.00015	1.36	.00048	.00013	.00733	.00018	.01218
%RSD	15.298	10.099	.46767	1224.2	2.3541	8.1523	99.252	387.80
#1	.00204	.00162	290.30	-.00050	.00556	.08410	.00023	-.01690
#2	.00185	.00134	289.64	-.00006	.00544	.08740	.00033	.00629
#3	.00249	.00159	292.26	.00045	.00530	.09811	-.00002	.00119
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	.00495	-.00111	.00241	.00015	-.0020	.00003	4.8628
Stddev	.00183	.00138	.00034	.00077	.00064	.0015	.00004	.1308
%RSD	58.559	27.965	30.279	31.849	441.58	73.85	174.95	2.6889
#1	.00396	.00545	-.00085	.00311	.00036	-.0023	.00000	4.8188
#2	.00439	.00338	-.00149	.00254	-.00058	-.0004	-.00000	5.0099
#3	.00103	.00601	-.00099	.00159	.00066	-.0033	.00008	4.7598

Sample Name: PB120161TB Acquired: 5/29/2019 16:35:12 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.78217
Stddev	.29151
%RSD	37.270

#1	1.1056
#2	.53971
#3	.70118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3464.8	44789.	4129.2	40.975	3476.7
Stddev	20.9	134.	27.1	1.695	13.8
%RSD	.60248	.29952	.65644	4.1364	.39817

#1	3448.7	44675.	4139.1	40.352	3468.8
#2	3457.2	44756.	4149.9	42.893	3468.7
#3	3488.4	44937.	4098.5	39.680	3492.7

Sample Name: PB120151BL Acquired: 5/29/2019 16:39:49 Type: Unk
Method: P4-ICP2(v3155) 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	.00001	-.00035	-.00084	-.00126	-.00033	-.00661	.00084	-.00010
Stddev	.00018	.00066	.00020	.00255	.00092	.00625	.00017	.00007
%RSD	2704.2	188.89	24.286	201.92	279.03	94.604	20.264	65.306
#1	.00015	-.00105	-.00101	-.00418	-.00126	-.00543	.00092	-.00004
#2	-.00020	.00027	-.00061	-.00017	-.00031	-.01336	.00065	-.00009
#3	.00007	-.00028	-.00089	.00056	.00058	-.00103	.00096	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00057	-.00003	.00004	-.00062	-.00022	-.00002	-.00753
Stddev	.00007	.00845	.00008	.00009	.00028	.00013	.00006	.00558
%RSD	351.44	1492.8	244.67	237.45	45.142	58.489	256.99	74.047
#1	-.00002	.00880	-.00013	.00014	-.00063	-.00010	-.00009	-.01344
#2	-.00009	-.00808	.00003	-.00003	-.00089	-.00036	-.00000	-.00678
#3	.00005	.00098	-.00000	.00001	-.00033	-.00019	.00002	-.00237
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00020	.09930	.00017	-.00050	.09845	-.00017	-.00855
Stddev	.00023	.00028	.00394	.00014	.00003	.01811	.00002	.01021
%RSD	197.05	139.10	3.9720	79.395	5.1256	18.394	13.840	119.48
#1	.00038	-.00012	.09474	.00020	-.00047	.08564	-.00015	-.01676
#2	-.00003	.00037	.10157	.00002	-.00051	.09054	-.00017	.00289
#3	.00000	.00035	.10157	.00030	-.00052	.11917	-.00019	-.01177
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00274	-.00292	-.00220	.00076	.00098	-.0008	-.00003	F 2.6108
Stddev	.00099	.00050	.00053	.00052	.00183	.0006	.00004	.1710
%RSD	36.363	17.107	23.979	69.326	187.04	73.83	149.23	6.5495
#1	-.00167	-.00349	-.00277	.00057	-.00075	-.0001	.00001	2.4459
#2	-.00363	-.00262	-.00174	.00035	.00291	-.0013	-.00002	2.5992
#3	-.00291	-.00263	-.00209	.00135	.00078	-.0010	-.00007	2.7873

Sample Name: PB120151BL Acquired: 5/29/2019 16:39:49 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .24705
Stddev	.06972
%RSD	28.220

#1	.16713
#2	.29536
#3	.27866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.6	48432.	4216.7	43.332	3961.1
Stddev	6.8	249.	11.2	1.840	3.9
%RSD	.18368	.51334	.26494	4.2452	.09920

#1	3720.2	48146.	4208.4	42.336	3960.8
#2	3720.9	48555.	4229.4	45.455	3965.3
#3	3708.7	48596.	4212.4	42.205	3957.4

Sample Name: PB120151BS Acquired: 5/29/2019 16:44:16 Type: Unk
Method: P4-ICP2(v3155) 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	.69438	1.8086	.88862	1.7678	.69904	1.7565	.18842
Stddev	.00443	.0066	.00175	.0033	.00304	.0197	.00045
%RSD	.63868	.36652	.19748	.18776	.43498	1.1206	.24048

#1	.68941	1.8014	.88789	1.7658	.69808	1.7623	.18859
#2	.69793	1.8101	.88735	1.7661	.69660	1.7346	.18790
#3	.69579	1.8144	.89062	1.7717	.70245	1.7727	.18876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17535	.17391	.97708	.38369	.18377	.28711	2.8673
Stddev	.00034	.00037	.00698	.00143	.00042	.00059	.0044
%RSD	.19144	.21125	.71398	.37313	.22629	.20540	.15320

#1	.17571	.17378	.97313	.38272	.18330	.28757	2.8634
#2	.17505	.17363	.97298	.38302	.18392	.28645	2.8665
#3	.17529	.17433	.98514	.38534	.18409	.28732	2.8721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19637	1.8584	.45390	.06641	2.8365	.28661	.17406
Stddev	.00039	.0063	.00114	.00036	.0093	.00107	.00037
%RSD	.19624	.33990	.25063	.53776	.32844	.37399	.21515

#1	.19593	1.8531	.45263	.06619	2.8299	.28539	.17363
#2	.19652	1.8654	.45424	.06682	2.8324	.28739	.17424
#3	.19666	1.8567	.45482	.06621	2.8472	.28705	.17432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9562	.37761	.26649	F -.00664	.82054	.61464	.18712
Stddev	.0286	.00179	.01505	.00088	.00750	.00241	.00169
%RSD	.31903	.47418	5.6458	13.334	.91456	.39212	.90077

#1	8.9343	.37560	.26105	-.00584	.81187	.61678	.18717
#2	8.9885	.37817	.25492	-.00648	.82474	.61512	.18878
#3	8.9458	.37905	.28350	-.00759	.82500	.61203	.18541

Sample Name: PB120151BS Acquired: 5/29/2019 16:44:16 Type: Unk
 Method: P4-ICP2(v3155) 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	.18765	5.067	.18722	F 2.8290	F<.00000
Stddev	.00080	.006	.00051	.2853	.43770
%RSD	.42775	.1279	.27229	10.086	67.738
#1	.18709	5.067	.18673	3.1567	-.22347
#2	.18729	5.061	.18775	2.6354	-.61758
#3	.18857	5.074	.18719	2.6950	-1.0975
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.3	48493.	4241.0	41.720	3925.0
Stddev	22.6	101.	26.7	1.945	21.6
%RSD	.61057	.20829	.62970	4.6618	.55157
#1	3708.3	48574.	4266.6	39.532	3934.8
#2	3708.3	48380.	4213.3	42.375	3939.9
#3	3669.2	48526.	4243.1	43.252	3900.1

Sample Name: K3072-03 Acquired: 5/29/2019 16:48:23 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11903	-.02004	.29208	-.06234	.01635	416.12	1.0208	.04649
Stddev	.00308	.00176	.00157	.00117	.00077	1.24	.0024	.00020
%RSD	2.5840	8.7690	.53709	1.8811	4.7102	.29755	.23591	.42932
#1	.12248	-.01876	.29171	-.06179	.01723	414.70	1.0190	.04671
#2	.11804	-.01932	.29380	-.06368	.01591	416.90	1.0235	.04635
#3	.11658	-.02204	.29073	-.06154	.01589	416.78	1.0199	.04640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	5.9055	.72666	.26377	.30231	435.05	7.2667	148.84
Stddev	.00058	.0436	.00040	.00062	.00082	.28	.0188	.81
%RSD	9.1989	.73782	.05459	.23374	.27263	.06335	.25891	.54240
#1	.00607	5.9158	.72654	.26418	.30281	435.37	7.2602	148.07
#2	.00596	5.8576	.72711	.26307	.30275	434.86	7.2521	149.68
#3	.00702	5.9429	.72634	.26408	.30136	434.92	7.2879	148.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48273	-.03883	3.2945	.90992	1.2555	65.814	-.00088	-.29266
Stddev	.00137	.00052	.0086	.00072	.0089	.155	.00057	.01271
%RSD	.28428	1.3386	.26254	.07888	.71278	.23536	65.610	4.3419
#1	.48319	-.03906	3.2957	.90910	1.2608	65.709	-.00069	-.29065
#2	.48118	-.03824	3.3024	.91040	1.2452	65.992	-.00152	-.30626
#3	.48381	-.03921	3.2852	.91027	1.2605	65.740	-.00042	-.28108
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0432	4.7252	.04203	8.6303	.59888	7.720	-.40298	<.00000
Stddev	.0097	.0502	.00080	.0470	.00109	.029	.00040	.16650
%RSD	.92646	1.0617	1.9113	.54499	.18119	.3692	.09856	2.8718
#1	1.0528	4.7179	.04132	8.6250	.59959	7.745	-.40344	-5.6584
#2	1.0334	4.6791	.04185	8.5862	.59763	7.689	-.40270	-5.7526
#3	1.0433	4.7786	.04290	8.6798	.59943	7.725	-.40281	-5.9821

Sample Name: K3072-03 Acquired: 5/29/2019 16:48:23 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 236.23
Stddev	2.23
%RSD	.94235

#1	233.77
#2	238.10
#3	236.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3740.6	48265.	4728.8	39.244	3148.1
Stddev	23.5	32.	33.6	.958	20.1
%RSD	.62748	.06534	.71115	2.4405	.63688

#1	3730.0	48234.	4709.2	38.226	3136.8
#2	3767.5	48297.	4767.7	39.379	3171.2
#3	3724.3	48264.	4709.6	40.127	3136.2

Sample Name: K3072-04 Acquired: 5/29/2019 16:52:56 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06530	-.04567	.13899	-.06902	.01593	406.85	.85179	.04599
Stddev	.00069	.00160	.00066	.00213	.00196	2.02	.00359	.00051
%RSD	1.0534	3.4994	.47224	3.0863	12.281	.49545	.42169	1.1009
#1	.06586	-.04749	.13928	-.06675	.01390	405.96	.84989	.04546
#2	.06550	-.04450	.13945	-.07098	.01607	409.16	.85593	.04647
#3	.06453	-.04502	.13824	-.06935	.01780	405.43	.84955	.04604
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01982	13.749	.66696	.24807	.99734	387.56	3.2107	156.95
Stddev	.00043	.094	.00114	.00073	.00242	1.95	.0054	.44
%RSD	2.1460	.68478	.17046	.29509	.24218	.50292	.16832	.27847
#1	.01947	13.754	.66786	.24784	.99799	388.93	3.2149	156.51
#2	.02030	13.653	.66568	.24889	.99937	385.33	3.2046	157.38
#3	.01970	13.841	.66734	.24748	.99467	388.43	3.2126	156.95
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56295	-.03926	3.1404	.90357	1.3972	67.777	-.00161	-.30759
Stddev	.00120	.00079	.0121	.00063	.0029	.306	.00026	.01729
%RSD	.21370	2.0031	.38661	.06998	.20368	.45201	16.021	5.6211
#1	.56423	-.03893	3.1328	.90346	1.4002	67.738	-.00132	-.31054
#2	.56279	-.04016	3.1545	.90425	1.3946	68.101	-.00169	-.32322
#3	.56184	-.03869	3.1341	.90300	1.3967	67.492	-.00182	-.28902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5033	2.4274	.04890	F 10.154	.54605	4.018	-.27754	<.00000
Stddev	.0090	.0244	.00049	.051	.00242	.011	.00160	.06382
%RSD	.59707	1.0050	1.0109	.50077	.44339	.2602	.57508	.54410
#1	1.5082	2.4509	.04947	10.179	.54620	4.008	-.27906	-11.712
#2	1.4929	2.4292	.04861	10.096	.54840	4.017	-.27588	-11.799
#3	1.5088	2.4022	.04861	10.188	.54356	4.028	-.27767	-11.675

Sample Name: K3072-04 Acquired: 5/29/2019 16:52:56 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ ----
 #2 ^ ----
 #3 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4400.0	56771.	5608.1	39.866	3053.4
Stddev	9.1	178.	56.4	.415	7.7
%RSD	.20664	.31305	1.0065	1.0408	.25221

#1	4391.6	56665.	5571.3	39.550	3048.0
#2	4398.6	56976.	5673.1	40.336	3062.2
#3	4409.7	56671.	5579.9	39.713	3050.0

Sample Name: CCV05 Acquired: 5/29/2019 16:57:22 Type: Unk
Method: P4-ICP2(v3155) 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	4.9528	4.9375	4.9071	4.9831	4.9530	9.7794	9.8958	.24962
Stddev	.0161	.0117	.0072	.0058	.0084	.1069	.0625	.00105
%RSD	.32418	.23671	.14695	.11721	.16893	1.0926	.63126	.42246
#1	4.9711	4.9480	4.9091	4.9851	4.9454	9.6602	9.8305	.24909
#2	4.9462	4.9395	4.9132	4.9877	4.9620	9.8666	9.9018	.25083
#3	4.9410	4.9249	4.8992	4.9765	4.9517	9.8113	9.9550	.24892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4469	24.735	.99307	2.4519	1.2433	4.9789	2.5286	24.755
Stddev	.0020	.195	.00205	.0009	.0024	.0078	.0024	.459
%RSD	.08019	.78704	.20640	.03782	.19558	.15723	.09508	1.8561
#1	2.4472	24.512	.99095	2.4527	1.2411	4.9744	2.5289	24.334
#2	2.4486	24.829	.99504	2.4520	1.2459	4.9743	2.5308	25.245
#3	2.4447	24.866	.99323	2.4509	1.2430	4.9879	2.5260	24.686
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4528	1.2394	24.595	2.4768	2.4558	24.282	4.9716	4.8571
Stddev	.0031	.0005	.079	.0036	.0022	.131	.0045	.0431
%RSD	.12546	.04150	.32196	.14666	.09180	.54123	.08983	.88753
#1	2.4517	1.2389	24.504	2.4734	2.4571	24.150	4.9688	4.8159
#2	2.4563	1.2394	24.636	2.4806	2.4571	24.283	4.9768	4.8535
#3	2.4505	1.2399	24.645	2.4765	2.4532	24.413	4.9694	4.9019
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9512	4.7945	4.8840	4.9399	4.8489	5.083	4.9628	F 3.1064
Stddev	.0181	.0231	.0079	.0209	.0370	.009	.0259	.2428
%RSD	.36497	.48224	.16114	.42351	.76337	.1840	.52251	7.8159
#1	4.9721	4.8075	4.8862	4.9165	4.8691	5.091	4.9702	3.2770
#2	4.9399	4.7678	4.8906	4.9464	4.8062	5.084	4.9340	2.8284
#3	4.9417	4.8082	4.8753	4.9568	4.8715	5.073	4.9843	3.2138

Sample Name: CCV05 Acquired: 5/29/2019 16:57:22 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2727
Stddev	.2977
%RSD	9.0958

#1	3.1825
#2	3.6050
#3	3.0305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.4	45392.	4142.2	40.817	3521.8
Stddev	3.3	116.	16.5	.913	5.3
%RSD	.09438	.25649	.39817	2.2374	.14964

#1	3528.5	45425.	4123.7	41.871	3517.8
#2	3525.0	45262.	4155.3	40.325	3519.8
#3	3531.7	45488.	4147.7	40.255	3527.7

Sample Name: CCB05 Acquired: 5/29/2019 17:01:29 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	.00015	-.00099	-.00160	-.00007	-.01216	.00083
Stddev	.00059	.00110	.00051	.00288	.00070	.00690	.00011
%RSD	57.930	721.52	51.469	179.99	961.50	56.769	13.278

#1	-.00035	.00080	-.00157	-.00290	-.00088	-.02002	.00075
#2	-.00122	-.00112	-.00073	-.00360	.00034	-.00708	.00078
#3	-.00148	.00078	-.00066	.00170	.00032	-.00938	.00096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00004	-.00160	.00024	.00019	-.00063	.00268
Stddev	.00004	.00005	.01297	.00013	.00002	.00024	.00088
%RSD	76.407	144.56	811.48	53.663	9.6495	37.987	32.633

#1	-.00009	.00010	-.01579	.00038	.00017	-.00086	.00365
#2	-.00005	.00000	.00965	.00012	.00020	-.00038	.00247
#3	-.00001	.00001	.00134	.00024	.00020	-.00065	.00194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01973	.00027	-.00034	-.00280	.00028	-.00034
Stddev	.00009	.01969	.00031	.00039	.00629	.00018	.00003
%RSD	879.94	99.754	115.46	112.73	224.98	65.837	9.2756

#1	-.00004	-.04213	.00054	.00010	.00360	.00012	-.00037
#2	.00011	-.01188	-.00008	-.00050	-.00897	.00023	-.00031
#3	-.00004	-.00519	.00036	-.00063	-.00302	.00048	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09626	.00036	.00744	-.00420	.00149	-.00056	.00122
Stddev	.01175	.00012	.01059	.00269	.00233	.00105	.00117
%RSD	12.210	33.563	142.39	64.027	156.92	187.05	96.148

#1	.10413	.00035	-.00345	-.00127	.00416	-.00020	.00223
#2	.08275	.00024	.00806	-.00656	-.00014	.00026	.00148
#3	.10191	.00048	.01770	-.00477	.00044	-.00175	-.00006

Sample Name: CCB05 Acquired: 5/29/2019 17:01:29 Type: Unk
 Method: P4-ICP2(v3155) 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	-.00013	-.0016	.00009	F .65912	F<.00000
Stddev	.00172	.0007	.00006	.17070	.06977
%RSD	1353.2	43.65	68.743	25.898	195.50
#1	.00022	-.0008	.00003	.69083	-.02118
#2	-.00199	-.0020	.00015	.81173	-.11156
#3	.00139	-.0019	.00008	.47478	.02569
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.4	47722.	4152.3	40.570	4009.9
Stddev	9.6	61.	24.2	1.255	10.0
%RSD	.25587	.12843	.58303	3.0944	.24904
#1	3734.2	47678.	4124.5	39.216	3999.3
#2	3752.9	47696.	4167.9	40.798	4019.1
#3	3740.0	47792.	4164.7	41.695	4011.5

Sample Name: K3072-05 Acquired: 5/29/2019 17:05:58 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12385	-.01540	.22248	-.03955	.01238	306.34	1.2426	.03858
Stddev	.00168	.00217	.00169	.00666	.00201	1.59	.0084	.00029
%RSD	1.3594	14.091	.75804	16.850	16.252	.51829	.67584	.74174
#1	.12527	-.01507	.22053	-.04386	.01461	304.57	1.2330	.03882
#2	.12199	-.01771	.22356	-.03187	.01184	306.82	1.2481	.03826
#3	.12429	-.01341	.22334	-.04292	.01069	307.63	1.2468	.03865
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00947	14.356	.58448	.25924	.33237	336.57	5.5970	109.63
Stddev	.00032	.091	.00191	.00004	.00224	1.61	.0118	.61
%RSD	3.3379	.63266	.32698	.01666	.67450	.47874	.21058	.56096
#1	.00983	14.460	.58290	.25927	.33425	334.96	5.5909	108.93
#2	.00924	14.313	.58661	.25925	.32989	336.57	5.5895	110.11
#3	.00933	14.295	.58394	.25919	.33297	338.19	5.6106	109.84
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46391	-.02703	3.5516	.83069	.97265	32.923	.00316	-.19322
Stddev	.00206	.00030	.0178	.00124	.00461	.108	.00059	.01120
%RSD	.44468	1.1071	.50022	.14939	.47428	.32844	18.758	5.7986
#1	.46347	-.02704	3.5313	.82950	.96767	32.825	.00369	-.18426
#2	.46210	-.02732	3.5645	.83060	.97678	32.905	.00326	-.20578
#3	.46616	-.02672	3.5590	.83197	.97348	33.039	.00252	-.18962
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4067	2.8243	.03888	5.3192	.36399	6.882	-.21504	<.00000
Stddev	.0071	.0150	.00009	.0059	.00212	.002	.00241	.18056
%RSD	.29585	.53214	.22373	.11117	.58375	.0275	1.1198	1.9022
#1	2.4008	2.8416	.03879	5.3157	.36576	6.884	-.21227	-9.5073
#2	2.4146	2.8142	.03896	5.3158	.36163	6.882	-.21664	-9.6641
#3	2.4047	2.8171	.03890	5.3260	.36458	6.880	-.21620	-9.3040

Sample Name: K3072-05 Acquired: 5/29/2019 17:05:58 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 214.43
Stddev	.81
%RSD	.37809

#1	213.84
#2	215.35
#3	214.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4457.2	57776.	5577.8	40.514	3214.3
Stddev	3.3	27.	61.1	.839	17.4
%RSD	.07408	.04758	1.0960	2.0699	.54195

#1	4460.7	57791.	5507.5	40.453	3234.2
#2	4454.2	57792.	5618.5	41.381	3201.9
#3	4456.7	57744.	5607.3	39.707	3206.8

Sample Name: K3072-06 Acquired: 5/29/2019 17:10:33 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12225	-.00507	.13267	-.03903	.01683	312.21	.45766	.03390
Stddev	.00322	.00185	.00031	.00390	.00084	2.83	.00369	.00046
%RSD	2.6314	36.394	.23048	9.9979	4.9818	.90642	.80553	1.3441
#1	.11908	-.00662	.13302	-.04353	.01774	310.02	.45374	.03363
#2	.12217	-.00303	.13245	-.03692	.01666	311.21	.45818	.03443
#3	.12551	-.00557	.13253	-.03664	.01609	315.41	.46106	.03365
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	6.8138	.54365	.14277	.41105	417.87	2.3475	75.357
Stddev	.00035	.0475	.00035	.00012	.00195	2.62	.0013	.598
%RSD	34.909	.69715	.06444	.08274	.47330	.62630	.05402	.79358
#1	-.00061	6.8274	.54368	.14266	.41140	414.93	2.3466	74.676
#2	-.00115	6.8531	.54328	.14275	.41280	418.71	2.3470	75.603
#3	-.00127	6.7610	.54398	.14290	.40896	419.96	2.3489	75.793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27311	-.03233	3.5039	.85103	.62916	19.376	.00291	-.20672
Stddev	.00086	.00031	.0238	.00141	.00154	.140	.00030	.00256
%RSD	.31613	.95384	.67920	.16591	.24489	.72061	10.289	1.2393
#1	.27217	-.03245	3.4833	.84977	.63040	19.237	.00266	-.20838
#2	.27386	-.03257	3.4983	.85076	.62963	19.375	.00324	-.20800
#3	.27331	-.03198	3.5299	.85256	.62743	19.517	.00282	-.20377
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3855	4.3444	.03047	5.8029	.47094	3.366	-.39233	<.00000
Stddev	.0103	.0219	.00057	.0223	.00288	.009	.00256	.17246
%RSD	.30303	.50443	1.8577	.38511	.61054	.2707	.65278	4.8806
#1	3.3973	4.3659	.03108	5.7882	.46797	3.373	-.38944	-3.3387
#2	3.3807	4.3451	.02997	5.8286	.47115	3.368	-.39320	-3.5955
#3	3.3785	4.3221	.03035	5.7919	.47371	3.356	-.39434	-3.6664

Sample Name: K3072-06 Acquired: 5/29/2019 17:10:33 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 218.79
 Stddev .82
 %RSD .37376

#1 218.92
 #2 219.54
 #3 217.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.3	47937.	4577.0	42.201	3288.8
Stddev	10.1	122.	41.5	1.361	2.8
%RSD	.27119	.25409	.90622	3.2252	.08551

#1	3722.4	48071.	4551.5	42.583	3291.4
#2	3706.8	47910.	4554.6	43.330	3285.8
#3	3725.6	47832.	4624.8	40.690	3289.2

Sample Name: K3072-07 Acquired: 5/29/2019 17:14:58 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09530	-.00525	.13975	-.03490	.01377	301.38	.55938	.03139
Stddev	.00147	.00403	.00057	.00226	.00149	2.49	.00308	.00045
%RSD	1.5397	76.709	.40819	6.4640	10.835	.82648	.55064	1.4296
#1	.09529	-.00510	.13939	-.03301	.01483	298.64	.55583	.03184
#2	.09384	-.00935	.14040	-.03428	.01443	303.50	.56134	.03094
#3	.09677	-.00130	.13944	-.03740	.01207	302.01	.56097	.03138
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	5.4897	.50545	.15138	.36202	358.15	2.2501	84.018
Stddev	.00052	.0083	.00108	.00013	.00462	1.04	.0003	.854
%RSD	122.11	.15169	.21411	.08806	1.2755	.29002	.01110	1.0166
#1	-.00087	5.4821	.50427	.15128	.35823	358.42	2.2504	83.189
#2	-.00055	5.4986	.50639	.15153	.36067	359.03	2.2499	84.896
#3	.00015	5.4884	.50569	.15132	.36716	357.01	2.2500	83.969
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33867	-.02415	2.4125	.96205	.76258	23.054	.00021	-.16703
Stddev	.00063	.00023	.0184	.00113	.00636	.177	.00013	.01902
%RSD	.18645	.93543	.76168	.11773	.83459	.76887	62.679	11.390
#1	.33866	-.02389	2.3914	.96241	.76970	22.896	.00027	-.14563
#2	.33931	-.02427	2.4251	.96078	.76059	23.245	.00030	-.17344
#3	.33805	-.02429	2.4211	.96296	.75745	23.020	.00006	-.18203
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4617	3.3871	.03057	4.9234	.35629	4.847	-.30102	<.00000
Stddev	.0024	.0248	.00232	.0085	.00093	.009	.00133	.08700
%RSD	.16327	.73111	7.5906	.17175	.25988	.1933	.44282	2.5716
#1	1.4640	3.4155	.02795	4.9201	.35543	4.837	-.30149	-3.3883
#2	1.4618	3.3755	.03237	4.9170	.35617	4.855	-.30205	-3.4673
#3	1.4593	3.3702	.03138	4.9330	.35727	4.849	-.29951	-3.2936

Sample Name: K3072-07 Acquired: 5/29/2019 17:14:58 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 190.40
Stddev	.73
%RSD	.38454

#1	190.18
#2	189.80
#3	191.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.7	50125.	4819.7	40.603	3329.0
Stddev	36.4	205.	37.1	1.081	23.8
%RSD	.93448	.40832	.76962	2.6612	.71475

#1	3898.1	50069.	4776.8	39.716	3303.9
#2	3926.1	49955.	4840.9	40.286	3331.9
#3	3853.9	50352.	4841.3	41.806	3351.3

Sample Name: K3072-08 Acquired: 5/29/2019 17:19:25 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07037	-.00113	.13272	-.02704	.01276	302.35	.65334	.02548
Stddev	.00254	.00209	.00197	.00156	.00134	.83	.00056	.00033
%RSD	3.6129	184.50	1.4873	5.7562	10.484	.27419	.08527	1.3082
#1	.07283	-.00221	.13051	-.02815	.01177	302.87	.65271	.02509
#2	.07052	.00127	.13429	-.02771	.01222	301.40	.65376	.02567
#3	.06775	-.00246	.13338	-.02526	.01428	302.79	.65355	.02567
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	6.1249	.48709	.10347	.30647	342.07	1.5393	57.588
Stddev	.00026	.0182	.00110	.00020	.00062	1.16	.0026	.109
%RSD	16.957	.29743	.22612	.18908	.20096	.33813	.17120	.18845
#1	-.00181	6.1041	.48583	.10368	.30701	343.10	1.5372	57.625
#2	-.00141	6.1327	.48761	.10329	.30661	342.31	1.5384	57.465
#3	-.00133	6.1379	.48785	.10343	.30580	340.82	1.5423	57.672
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23643	-.01994	2.8311	.75993	.57029	12.783	.00131	-.11018
Stddev	.00029	.00064	.0105	.00648	.00668	.035	.00030	.01727
%RSD	.12101	3.2182	.37129	.85261	1.1714	.27031	22.888	15.671
#1	.23673	-.01953	2.8383	.76741	.56724	12.814	.00124	-.11115
#2	.23639	-.01962	2.8190	.75643	.56567	12.746	.00164	-.09245
#3	.23617	-.02068	2.8359	.75595	.57795	12.788	.00105	-.12694
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4043	3.8700	.02873	4.1656	.34525	2.534	-.29340	<.00000
Stddev	.0043	.0197	.00079	.0251	.00017	.002	.00137	.25513
%RSD	.31007	.50906	2.7483	.60238	.04948	.0814	.46844	8.3874
#1	1.4068	3.8780	.02950	4.1425	.34510	2.536	-.29471	-3.0807
#2	1.4068	3.8845	.02877	4.1619	.34523	2.533	-.29352	-2.7694
#3	1.3993	3.8476	.02792	4.1923	.34544	2.532	-.29197	-3.2752

Sample Name: K3072-08 Acquired: 5/29/2019 17:19:25 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 174.73
 Stddev .27
 %RSD .15356

#1 174.90
 #2 174.42
 #3 174.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3887.4	49512.	4817.5	40.540	3352.1
Stddev	32.5	164.	16.1	.333	28.9
%RSD	.83538	.33052	.33402	.82242	.86330

#1	3894.3	49341.	4799.3	40.398	3358.6
#2	3915.9	49668.	4823.3	40.301	3377.3
#3	3852.0	49527.	4829.8	40.921	3320.5

Sample Name: K3074-05 Acquired: 5/29/2019 17:23:50 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3B-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01900	-.00080	.41057	.00704	.00348	48.753	.13596	.00552
Stddev	.00114	.00130	.00190	.00116	.00017	.165	.00019	.00004
%RSD	5.9917	163.22	.46303	16.432	4.8973	.33917	.14173	.70076

#1	.01775	-.00167	.40891	.00790	.00339	48.574	.13599	.00553
#2	.01928	-.00141	.41264	.00750	.00337	48.785	.13614	.00555
#3	.01998	.00070	.41017	.00573	.00367	48.900	.13576	.00548

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00370	5.8243	.06399	.04347	.12413	109.85	1.2365	14.646
Stddev	.00006	.0443	.00016	.00010	.00016	.18	.0038	.122
%RSD	1.6364	.76088	.24582	.24077	.12987	.16207	.30633	.83301

#1	-.00377	5.7743	.06416	.04350	.12408	109.92	1.2360	14.785
#2	-.00365	5.8589	.06387	.04355	.12399	109.65	1.2330	14.596
#3	-.00369	5.8397	.06392	.04335	.12431	109.98	1.2405	14.557

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07285	-.00107	1.4965	.13377	.33606	3.4607	.00066	.01586
Stddev	.00062	.00019	.0080	.00043	.00212	.0383	.00010	.01196
%RSD	.84580	17.425	.53163	.32391	.63186	1.1075	14.410	75.365

#1	.07350	-.00128	1.4876	.13425	.33728	3.4465	.00076	.00217
#2	.07276	-.00092	1.4992	.13365	.33729	3.5041	.00057	.02116
#3	.07228	-.00101	1.5028	.13341	.33361	3.4315	.00066	.02425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21900	1.7885	.00845	1.2267	.06037	2.808	-.08972	<.00000
Stddev	.00329	.0118	.00072	.0054	.00147	.003	.00030	.63508
%RSD	1.5042	.65836	8.5583	.43944	2.4379	.1022	.32892	514.44

#1	.21591	1.7883	.00892	1.2204	.06026	2.808	-.08997	.03289
#2	.22246	1.7769	.00882	1.2301	.06189	2.812	-.08940	-.82210
#3	.21861	1.8004	.00762	1.2294	.05895	2.806	-.08979	.41886

Sample Name: K3074-05 Acquired: 5/29/2019 17:23:50 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3B-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 50.302
 Stddev .300
 %RSD .59738

#1 50.031
 #2 50.249
 #3 50.625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3931.1	51368.	4723.9	43.792	3735.5
Stddev	29.5	109.	12.3	2.288	23.8
%RSD	.75021	.21211	.25965	5.2235	.63828

#1	3921.0	51320.	4737.2	44.324	3720.9
#2	3907.9	51291.	4713.0	41.286	3722.6
#3	3964.3	51493.	4721.6	45.767	3763.0

Sample Name: K3074-09 Acquired: 5/29/2019 17:28:13 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3B-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02323	-.00219	.44622	.00288	.00213	62.994	.23552	.00598
Stddev	.00110	.00160	.00151	.00083	.00082	.436	.00092	.00010
%RSD	4.7515	73.360	.33907	28.683	38.644	.69195	.39246	1.6852

#1	.02434	-.00291	.44763	.00383	.00225	62.736	.23615	.00599
#2	.02321	-.00330	.44642	.00234	.00288	62.748	.23446	.00588
#3	.02214	-.00035	.44462	.00247	.00125	63.497	.23595	.00608

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	6.1196	.07212	.04669	.12417	115.23	1.9721	15.492
Stddev	.00010	.0136	.00027	.00017	.00085	.55	.0032	.090
%RSD	2.6775	.22176	.37724	.37435	.68539	.47570	.16141	.57807

#1	-.00369	6.1345	.07211	.04649	.12331	115.33	1.9724	15.389
#2	-.00362	6.1162	.07239	.04681	.12418	114.64	1.9751	15.533
#3	-.00381	6.1080	.07185	.04676	.12502	115.72	1.9687	15.553

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08305	-.00176	1.1133	.14935	.40286	3.6291	.00101	.01030
Stddev	.00062	.00029	.0083	.00050	.00058	.0167	.00016	.00192
%RSD	.74578	16.602	.74574	.33178	.14438	.46085	15.850	18.670

#1	.08368	-.00143	1.1050	.14934	.40349	3.6113	.00082	.01189
#2	.08303	-.00196	1.1133	.14886	.40274	3.6444	.00109	.00816
#3	.08244	-.00191	1.1216	.14985	.40235	3.6316	.00110	.01084

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24109	3.3226	.00923	1.5065	.06266	3.257	-.08710	<.00000
Stddev	.00073	.0412	.00061	.0062	.00007	.009	.00074	.08521
%RSD	.30372	1.2413	6.6548	.41368	.11403	.2701	.84742	9.9266

#1	.24082	3.2913	.00991	1.4993	.06274	3.267	-.08738	-.84878
#2	.24053	3.3693	.00904	1.5098	.06263	3.253	-.08626	-.77846
#3	.24192	3.3071	.00873	1.5104	.06261	3.250	-.08766	-.94806

Sample Name: K3074-09 Acquired: 5/29/2019 17:28:13 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3B-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 53.300
 Stddev .507
 %RSD .95195

#1 52.717
 #2 53.537
 #3 53.645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.4	50787.	4693.8	43.024	3712.2
Stddev	17.9	112.	7.9	.418	7.2
%RSD	.45757	.22135	.16814	.97219	.19279

#1	3921.1	50683.	4687.4	42.592	3705.3
#2	3933.1	50906.	4691.4	43.053	3719.6
#3	3897.9	50772.	4702.6	43.427	3711.8

Sample Name: K3075-01 Acquired: 5/29/2019 17:32:36 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04533	.00252	.05397	.00327	-.00068	42.015	.08066	.00516
Stddev	.00206	.00096	.00094	.00259	.00154	.172	.00115	.00014
%RSD	4.5526	37.993	1.7364	78.986	227.42	.40986	1.4297	2.7595

#1	.04758	.00356	.05435	.00626	-.00201	42.015	.08057	.00506
#2	.04353	.00167	.05290	.00183	.00100	41.842	.07956	.00511
#3	.04489	.00234	.05465	.00174	-.00102	42.187	.08186	.00532

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	3.7924	.44603	.00835	.02059	78.605	.07663	4.4131
Stddev	.00008	.0197	.00274	.00007	.00006	.484	.00050	.1046
%RSD	2.6054	.51873	.61327	.87308	.27901	.61619	.65249	2.3711

#1	-.00294	3.7801	.44365	.00840	.02059	78.780	.07617	4.3425
#2	-.00307	3.7821	.44901	.00826	.02054	78.058	.07717	4.3635
#3	-.00309	3.8151	.44542	.00837	.02065	78.978	.07655	4.5333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01351	-.00138	.10829	.45012	.14485	7.2362	.00057	.04543
Stddev	.00008	.00042	.00455	.00263	.00023	.1028	.00021	.01709
%RSD	.58978	30.415	4.1999	.58459	.15975	1.4208	37.433	37.626

#1	.01351	-.00135	.10831	.44826	.14460	7.3280	.00055	.02920
#2	.01359	-.00181	.10373	.45313	.14491	7.1251	.00079	.04382
#3	.01344	-.00098	.11283	.44895	.14505	7.2556	.00036	.06327

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58938	3.5146	.00254	.53791	.01204	1.115	-.05669	<.00000
Stddev	.00545	.0599	.00010	.00445	.00026	.004	.00041	.19376
%RSD	.92505	1.7031	4.1077	.82728	2.1572	.3694	.71793	12.150

#1	.59289	3.4984	.00250	.54119	.01203	1.120	-.05703	-1.7853
#2	.59215	3.5809	.00247	.53970	.01179	1.112	-.05624	-1.6009
#3	.58310	3.4645	.00266	.53285	.01231	1.115	-.05681	-1.3979

Sample Name: K3075-01 Acquired: 5/29/2019 17:32:36 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 37.136
 Stddev .304
 %RSD .81754

#1 37.107
 #2 37.454
 #3 36.849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4048.3	52719.	4836.2	42.254	3802.5
Stddev	27.4	304.	35.6	1.122	14.9
%RSD	.67589	.57755	.73520	2.6548	.39186

#1	4075.3	52424.	4848.7	43.547	3819.1
#2	4048.8	53032.	4796.1	41.537	3798.1
#3	4020.6	52700.	4863.9	41.679	3790.3

Sample Name: K3075-03 Acquired: 5/29/2019 17:37:04 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24232	.00832	.14459	-.01283	.00981	135.10	.14515	.02410
Stddev	.00160	.00041	.00051	.00116	.00139	.61	.00134	.00026
%RSD	.66167	4.8826	.35527	9.0049	14.124	.45351	.92472	1.0932
#1	.24339	.00857	.14400	-.01342	.00966	135.06	.14422	.02439
#2	.24048	.00785	.14480	-.01357	.01126	134.51	.14455	.02405
#3	.24310	.00854	.14496	-.01150	.00850	135.74	.14669	.02387
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	8.6907	1.3465	.03351	.07121	298.15	.52030	11.963
Stddev	.00022	.0257	.0012	.00032	.00060	1.32	.00067	.130
%RSD	36.980	.29576	.08831	.95824	.84362	.44284	.12788	1.0871
#1	.00034	8.6693	1.3478	.03332	.07187	299.66	.52074	11.816
#2	.00074	8.6836	1.3459	.03334	.07070	297.19	.51953	12.006
#3	.00067	8.7192	1.3457	.03388	.07105	297.60	.52062	12.065
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04001	-.01658	.91004	1.8965	.47287	23.071	-.00207	-.01339
Stddev	.00047	.00072	.01009	.0029	.00075	.083	.00013	.00982
%RSD	1.1765	4.3446	1.1087	.15223	.15790	.36171	6.1695	73.362
#1	.03986	-.01575	.90037	1.8975	.47211	23.070	-.00218	-.01709
#2	.03963	-.01700	.90925	1.8932	.47360	22.989	-.00193	-.02082
#3	.04054	-.01699	.92050	1.8987	.47291	23.156	-.00210	-.00225
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2340	3.2399	.01265	1.6057	.02290	3.336	-.25707	<.00000
Stddev	.0056	.0405	.00024	.0018	.00115	.007	.00147	.16748
%RSD	.17356	1.2493	1.8605	.11261	5.0340	.2247	.56987	2.1934
#1	3.2385	3.2539	.01286	1.6077	.02179	3.344	-.25870	-7.4948
#2	3.2359	3.2715	.01268	1.6051	.02409	3.331	-.25585	-7.8209
#3	3.2277	3.1942	.01239	1.6042	.02281	3.332	-.25668	-7.5915

Sample Name: K3075-03 Acquired: 5/29/2019 17:37:04 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 168.83
Stddev 1.25
%RSD .74010

#1 167.54
#2 168.93
#3 170.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4348.2	56578.	5283.6	41.584	3438.3
Stddev	3.8	233.	46.0	.507	8.2
%RSD	.08819	.41149	.87091	1.2191	.23886

#1	4345.2	56317.	5234.3	41.035	3440.8
#2	4346.8	56763.	5290.9	42.035	3429.2
#3	4352.5	56654.	5325.5	41.683	3445.0

Sample Name: K3075-05 Acquired: 5/29/2019 17:41:30 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17381	.00505	.06928	.00015	.00588	93.165	.09373	.01742
Stddev	.00271	.00082	.00121	.00159	.00201	.461	.00073	.00029
%RSD	1.5571	16.329	1.7427	1070.8	34.196	.49517	.78356	1.6512
#1	.17102	.00459	.06996	.00192	.00541	93.604	.09457	.01742
#2	.17400	.00600	.06789	-.00117	.00415	93.207	.09339	.01714
#3	.17643	.00456	.07000	-.00030	.00808	92.684	.09322	.01771
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00401	2.0426	.76738	.02428	.03815	223.88	.44288	8.1554
Stddev	.00006	.0336	.00213	.00016	.00030	.60	.00077	.0651
%RSD	1.4057	1.6449	.27746	.64844	.79913	.26795	.17393	.79811
#1	-.00400	2.0350	.76834	.02411	.03789	224.08	.44366	8.0966
#2	-.00407	2.0135	.76494	.02434	.03807	223.20	.44212	8.2253
#3	-.00395	2.0794	.76887	.02441	.03848	224.35	.44287	8.1443
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02720	-.00776	.87441	1.0684	.37095	21.941	-.00162	.10358
Stddev	.00094	.00010	.00158	.0022	.00029	.132	.00005	.00410
%RSD	3.4499	1.2643	.18086	.21028	.07710	.60092	3.1843	3.9575
#1	.02674	-.00773	.87597	1.0705	.37125	22.052	-.00168	.10182
#2	.02657	-.00787	.87281	1.0660	.37090	21.975	-.00163	.10826
#3	.02828	-.00767	.87445	1.0688	.37069	21.795	-.00157	.10064
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7467	3.6368	.00786	1.2025	.01162	2.280	-.22772	<.00000
Stddev	.0058	.0053	.00036	.0140	.00086	.004	.00065	.17565
%RSD	.33102	.14710	4.5846	1.1598	7.3874	.1860	.28519	3.4453
#1	1.7493	3.6336	.00823	1.1917	.01181	2.281	-.22799	-5.1852
#2	1.7507	3.6430	.00783	1.1975	.01068	2.276	-.22698	-5.2133
#3	1.7400	3.6338	.00751	1.2182	.01237	2.284	-.22819	-4.8960

Sample Name: K3075-05 Acquired: 5/29/2019 17:41:30 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 115.75
Stddev .64
%RSD .55365

#1 115.26
#2 115.52
#3 116.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4262.1	55498.	5106.7	41.500	3562.3
Stddev	.9	181.	14.6	.568	3.9
%RSD	.02204	.32614	.28509	1.3683	.10835

#1	4261.9	55318.	5116.5	41.240	3559.9
#2	4261.3	55496.	5113.6	42.152	3560.2
#3	4263.1	55680.	5090.0	41.110	3566.7

Sample Name: K3075-07 Acquired: 5/29/2019 17:46:01 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17545	.00669	.08903	-.00002	.00414	100.51	.14251	.01710
Stddev	.00259	.00212	.00217	.00458	.00120	.31	.00142	.00043
%RSD	1.4769	31.631	2.4378	19342.	28.986	.30703	.99606	2.4943
#1	.17597	.00425	.08944	.00526	.00529	100.15	.14177	.01716
#2	.17775	.00791	.08668	-.00242	.00424	100.71	.14415	.01665
#3	.17264	.00792	.09096	-.00291	.00289	100.66	.14161	.01749
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00407	24.519	.79766	.03517	.05378	227.13	1.0228	14.201
Stddev	.00006	.130	.00265	.00011	.00055	.06	.0029	.099
%RSD	1.4346	.52930	.33175	.32630	1.0147	.02548	.28251	.70045
#1	-.00411	24.373	.79571	.03522	.05429	227.17	1.0205	14.087
#2	-.00410	24.559	.79659	.03526	.05321	227.06	1.0219	14.244
#3	-.00400	24.623	.80067	.03504	.05383	227.16	1.0260	14.271
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03369	-.00886	3.7022	1.1564	.31845	22.217	-.00124	.06221
Stddev	.00059	.00014	.0091	.0038	.00150	.010	.00021	.00617
%RSD	1.7505	1.6038	.24547	.32570	.47146	.04468	17.257	9.9156
#1	.03307	-.00885	3.7008	1.1531	.31802	22.206	-.00109	.05747
#2	.03377	-.00901	3.7119	1.1555	.32012	22.222	-.00114	.06918
#3	.03424	-.00872	3.6939	1.1605	.31721	22.224	-.00148	.05998
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8795	2.9621	.00853	1.0747	.03189	2.463	-.05562	<.00000
Stddev	.0037	.0238	.00056	.0042	.00129	.002	.00050	.26529
%RSD	.19713	.80390	6.5172	.38576	4.0383	.0856	.90518	6.5662
#1	1.8754	2.9790	.00883	1.0740	.03291	2.466	-.05611	-4.2600
#2	1.8807	2.9348	.00789	1.0709	.03045	2.462	-.05566	-3.7456
#3	1.8825	2.9724	.00887	1.0791	.03232	2.462	-.05511	-4.1153

Sample Name: K3075-07 Acquired: 5/29/2019 17:46:01 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 116.29
Stddev	1.02
%RSD	.87677

#1	115.33
#2	116.18
#3	117.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4166.4	54362.	5009.6	41.235	3526.0
Stddev	9.8	46.	12.3	1.176	9.6
%RSD	.23596	.08442	.24598	2.8526	.27200

#1	4158.6	54365.	5006.9	40.278	3523.8
#2	4177.4	54315.	5023.0	40.880	3517.7
#3	4163.1	54407.	4998.8	42.548	3536.5

Sample Name: CCV06 Acquired: 5/29/2019 17:50:31 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9118	4.9434	4.8523	4.9853	4.8905	9.4718	9.7824	.24695
Stddev	.0290	.0117	.0047	.0103	.0053	.0374	.1331	.00069
%RSD	.59013	.23644	.09730	.20594	.10878	.39451	1.3611	.27932
#1	4.9442	4.9564	4.8577	4.9943	4.8857	9.4356	9.7217	.24743
#2	4.9030	4.9403	4.8498	4.9874	4.8895	9.5102	9.9350	.24616
#3	4.8882	4.9336	4.8493	4.9741	4.8962	9.4696	9.6903	.24726
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4140	24.447	.97598	2.4413	1.2212	4.9218	2.5299	24.321
Stddev	.0030	.131	.00180	.0032	.0014	.0092	.0005	.159
%RSD	.12462	.53412	.18453	.13260	.11480	.18685	.02077	.65398
#1	2.4170	24.322	.97476	2.4451	1.2226	4.9263	2.5294	24.299
#2	2.4140	24.436	.97805	2.4396	1.2198	4.9112	2.5305	24.174
#3	2.4109	24.582	.97513	2.4393	1.2211	4.9278	2.5299	24.490
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4140	1.2089	24.426	2.4508	2.4388	23.568	4.8727	4.6617
Stddev	.0053	.0011	.178	.0007	.0040	.090	.0095	.0159
%RSD	.22030	.09230	.72978	.02816	.16595	.38059	.19444	.34000
#1	2.4199	1.2078	24.241	2.4511	2.4432	23.465	4.8833	4.6684
#2	2.4097	1.2089	24.439	2.4500	2.4379	23.625	4.8698	4.6436
#3	2.4123	1.2100	24.597	2.4513	2.4353	23.615	4.8650	4.6730
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9847	4.6855	4.8341	4.8496	4.6769	5.089	4.9156	5.2069
Stddev	.0260	.0040	.0135	.0116	.0340	.020	.0389	.0447
%RSD	.52128	.08522	.27816	.23950	.72804	.3990	.79028	.85758
#1	5.0140	4.6818	4.8496	4.8373	4.6379	5.111	4.8707	5.1985
#2	4.9756	4.6851	4.8261	4.8513	4.7008	5.082	4.9363	5.2551
#3	4.9646	4.6897	4.8266	4.8604	4.6920	5.072	4.9396	5.1670

Sample Name: CCV06 Acquired: 5/29/2019 17:50:31 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9149
Stddev .4655
%RSD 15.969

#1 3.4388
#2 2.5491
#3 2.7567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.4	45918.	4186.4	39.766	3511.2
Stddev	3.1	25.	8.6	.736	5.5
%RSD	.08840	.05397	.20443	1.8496	.15720

#1	3521.3	45939.	4190.6	39.195	3505.1
#2	3524.4	45890.	4176.5	39.508	3512.6
#3	3527.6	45924.	4192.0	40.596	3515.8

Sample Name: CCB06 Acquired: 5/29/2019 17:54:38 Type: Unk
Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8260 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00176	-.00067	-.00035	-.00043	-.01579	.00120
Stddev	.00125	.00091	.00012	.00045	.00092	.00534	.00055
%RSD	2377.8	52.061	18.243	126.37	213.03	33.817	46.045

#1	.00076	.00188	-.00056	-.00072	.00059	-.02062	.00086
#2	-.00149	.00260	-.00080	-.00049	-.00120	-.01006	.00185
#3	.00057	.00079	-.00064	.00015	-.00070	-.01670	.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00002	.00180	.00026	.00021	-.00051	.00142
Stddev	.00008	.00001	.00595	.00014	.00009	.00028	.00007
%RSD	117.89	54.984	331.61	54.940	41.502	54.288	4.8448

#1	-.00014	-.00003	.00145	.00013	.00031	-.00082	.00144
#2	.00001	-.00002	-.00398	.00041	.00016	-.00029	.00148
#3	-.00007	-.00001	.00791	.00023	.00016	-.00043	.00135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.01796	.00032	-.00001	-.02279	.00025	-.00034
Stddev	.00009	.03835	.00013	.00031	.00437	.00005	.00007
%RSD	95.210	213.50	40.478	2196.4	19.183	21.545	19.877

#1	.00001	.02969	.00047	.00002	-.01882	.00020	-.00026
#2	-.00015	.04908	.00026	.00028	-.02207	.00031	-.00038
#3	-.00015	-.02488	.00023	-.00034	-.02747	.00024	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11604	.00034	.01765	-.00391	.00108	-.00075	.00152
Stddev	.01272	.00011	.01833	.00194	.00304	.00056	.00113
%RSD	10.960	32.419	103.85	49.491	282.04	74.852	74.436

#1	.12443	.00046	.00739	-.00243	-.00092	-.00078	.00242
#2	.10141	.00027	.00674	-.00321	-.00043	-.00017	.00025
#3	.12229	.00028	.03880	-.00610	.00458	-.00129	.00190

Sample Name: CCB06 Acquired: 5/29/2019 17:54:38 Type: Unk
 Method: P4-ICP2(v3155) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8260 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.0016	.00011	F 2.6709	F<.00000
Stddev	.00065	.0013	.00005	.3422	.45315
%RSD	70.964	81.84	43.612	12.812	160.57

#1	.00034	-.0002	.00015	2.6832	-.53741
#2	.00079	-.0028	.00006	3.0067	.24099
#3	.00162	-.0018	.00011	2.3227	-.55023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3714.7	48336.	4252.7	43.064	3967.9
Stddev	21.7	106.	22.3	1.890	19.4
%RSD	.58478	.21894	.52532	4.3879	.48774

#1	3697.2	48326.	4244.3	40.955	3949.2
#2	3707.9	48446.	4278.1	44.602	3966.6
#3	3739.0	48235.	4235.8	43.634	3987.9