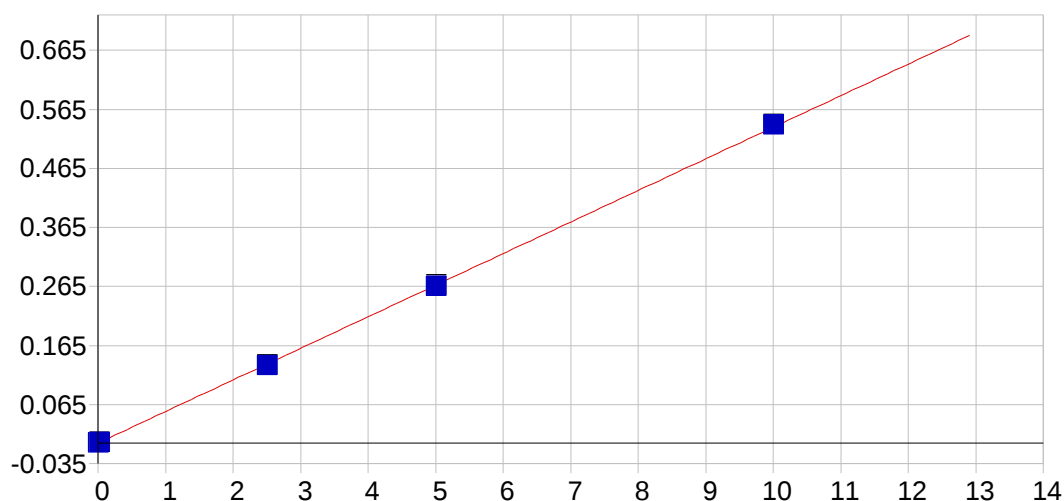


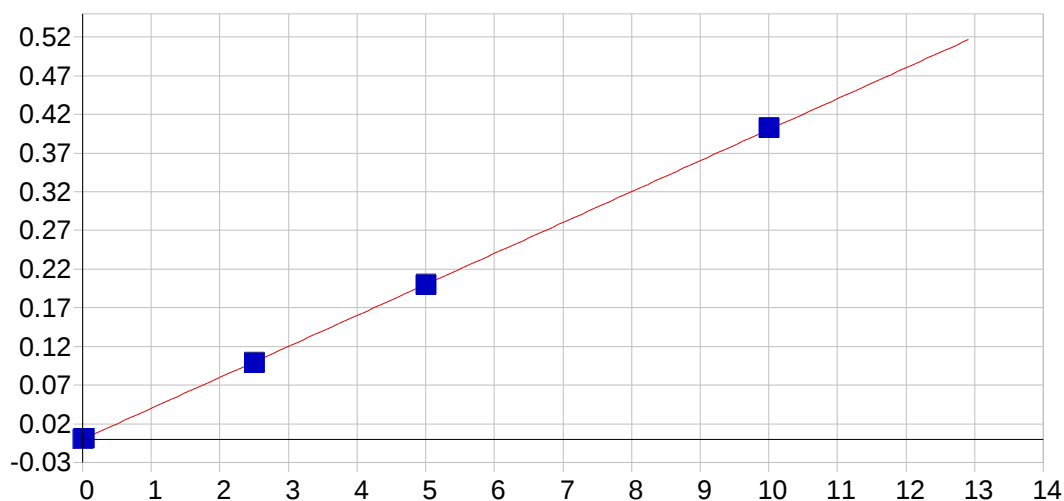


As 189.042 {478}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000385 Re-Slope: 1.000000
 A1 (Gain): 0.053503 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003347
 Predicted MQL: 0.011157

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.02000	.02292	.003	14.6	.00084	.000	1
S3	2.5000	2.4578	-.042	-1.69	.13110	.001	1
S4	5.0000	4.9738	-.026	-.524	.26571	.001	1
S5	10.000	10.065	.065	.655	.53811	.001	1



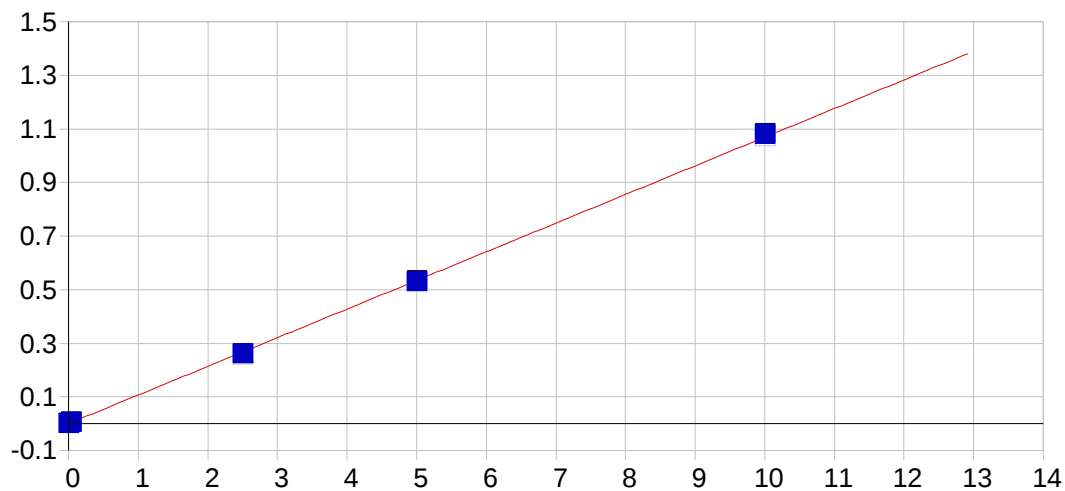
As 189.042 {479}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000

A1 (Gain): 0.040018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002891
 Predicted MQL: 0.009636

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.02186	.002	9.29	.00089	.000	1
S3	2.5000	2.4631	-.037	-1.47	.09859	.000	1
S4	5.0000	4.9828	-.017	-.345	.19942	.001	1
S5	10.000	10.052	.052	.522	.40229	.000	1

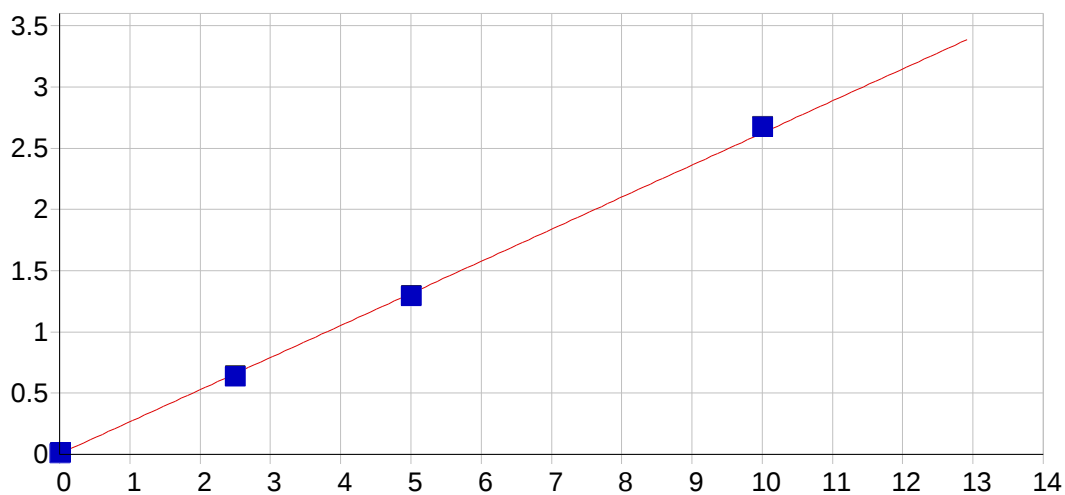


TI 190.856 {477}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.106900 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.001569
 Predicted MQL: 0.005230

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00000	.000	1
S1	.04000	.04907	.009	22.7	.00514	.000	1
S3	2.5000	2.4286	-.071	-2.86	.25688	.001	1
S4	5.0000	4.9581	-.042	-.839	.52454	.002	1
S5	10.000	10.104	.104	1.04	1.0692	.002	1

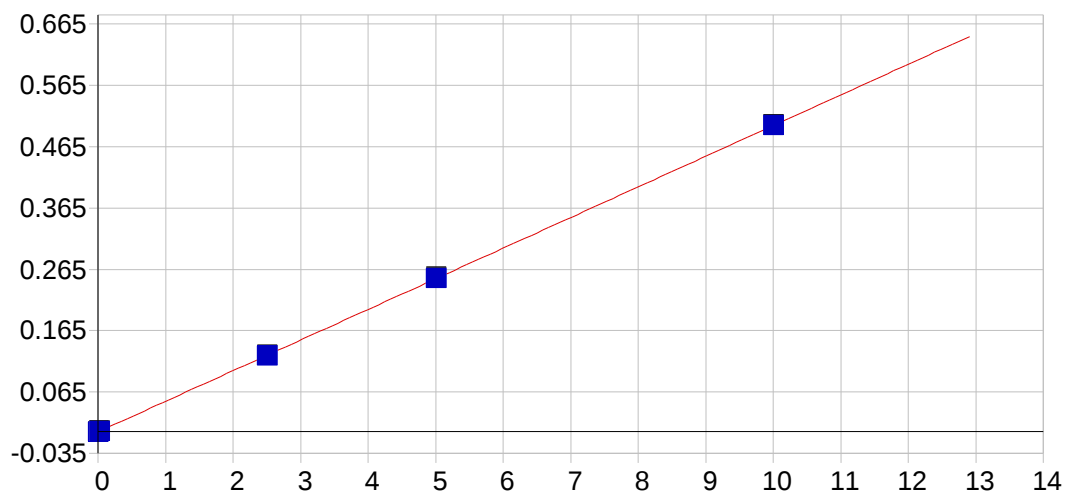


Pb 220.353 {453}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004346 Re-Slope: 1.000000
 A1 (Gain): 0.261916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999734 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.001082
 Predicted MQL: 0.003606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00435	.000	1
S1	.01200	.01453	.003	21.1	.00810	.000	1
S3	2.5000	2.4056	-.094	-3.78	.63358	.003	1
S4	5.0000	4.9065	-.094	-1.87	1.2878	.001	1
S5	10.000	10.185	.185	1.85	2.6688	.006	1



Se 196.090 {472}

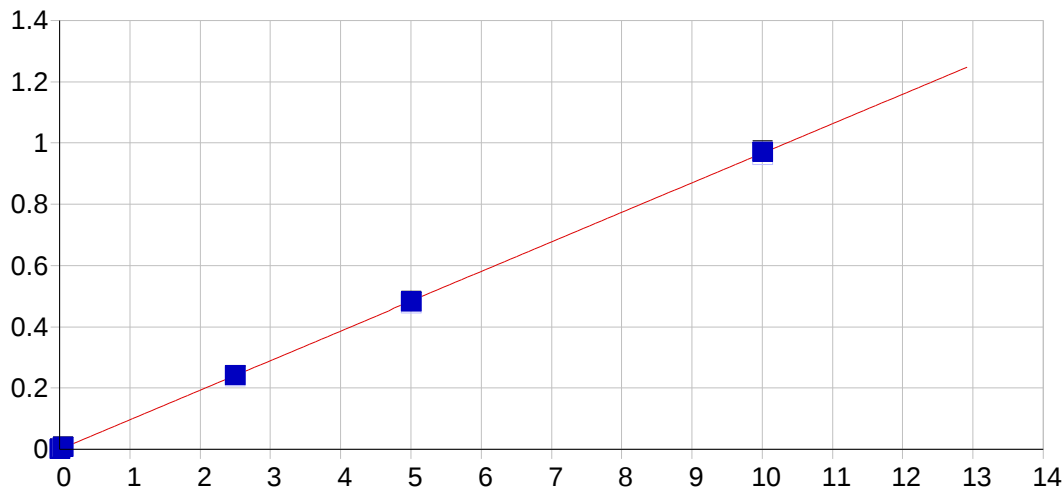
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000233 Re-Slope: 1.000000
 A1 (Gain): 0.049966 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973
 Std Error of Est: 0.000009
 Predicted MDL: 0.003296
 Predicted MQL: 0.010985

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.02000	.02414	.004	20.7	.00097	.000	1
S3	2.5000	2.4878	-.012	-.489	.12406	.001	1
S4	5.0000	5.0119	.012	.238	.25016	.002	1
S5	10.000	9.9962	-.004	-.038	.49917	.001	1



Sb 206.833 {463}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

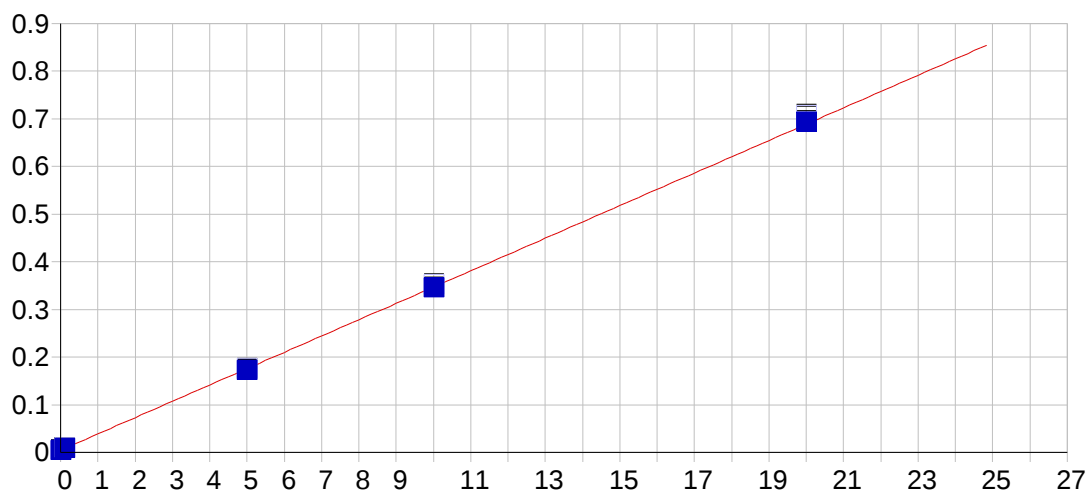
Weighting: 1/Conc

A0 (Offset): 0.000333
 A1 (Gain): 0.096592
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000046
 Predicted MDL: 0.002065
 Predicted MQL: 0.006882

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	.00033	.000	1
S1	.05000	.06036	.010	20.7	.00604	.000	1
S3	2.5000	2.4744	-.026	-1.03	.23662	.001	1
S4	5.0000	4.9707	-.029	-.586	.47503	.003	1
S5	10.000	10.045	.045	.447	.95971	.003	1

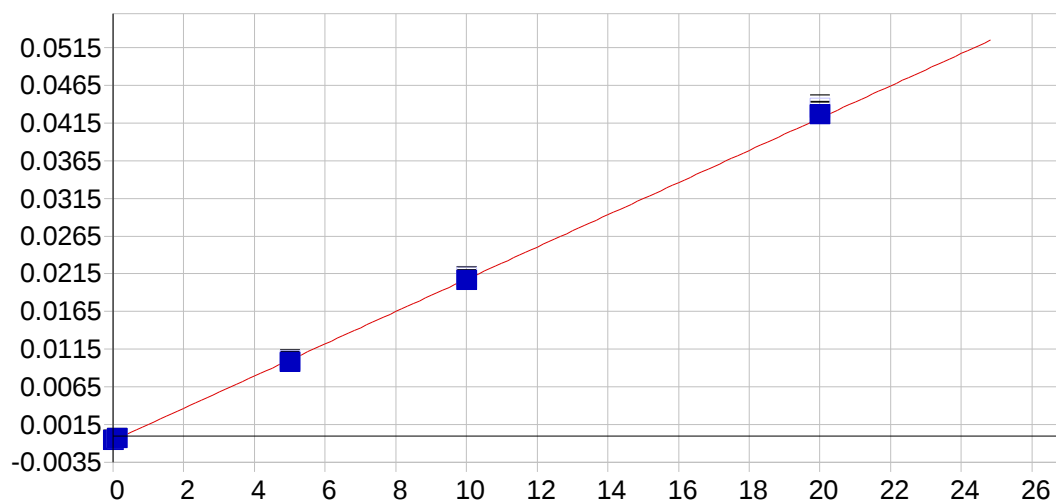


AI 308.215 {109}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004694 Re-Slope: 1.000000
 A1 (Gain): 0.034214 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003058
 Predicted MQL: 0.010193

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00469	.000	1
S1	.10000	.11695	.017	16.9	.00893	.000	1
S3	5.0000	4.8975	-.103	-2.05	.17566	.000	1
S4	10.000	9.9590	-.041	-.410	.35224	.001	1
S5	20.000	20.126	.126	.629	.70691	.002	1



AI 309.271 {109}

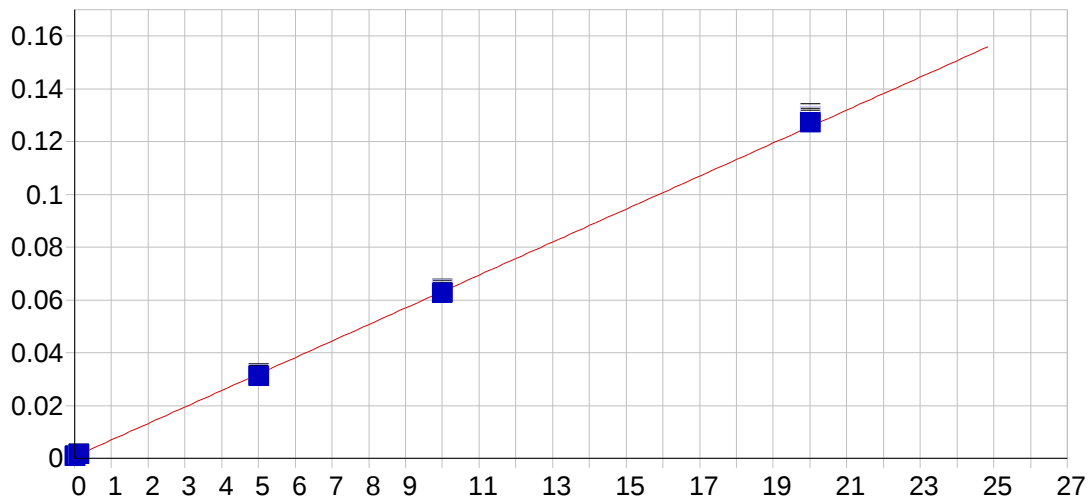
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000619 Re-Slope: 1.000000
 A1 (Gain): 0.002139 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911
 Std Error of Est: 0.000002
 Predicted MDL: 0.033133
 Predicted MQL: 0.110445

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.10000	.10420	.004	4.20	-.00038	.000	1
S3	5.0000	4.8596	-.140	-2.81	.00999	.000	1
S4	10.000	9.9364	-.064	-.636	.02106	.000	1
S5	20.000	20.200	.200	.998	.04343	.000	1



AI 396.152 { 85}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

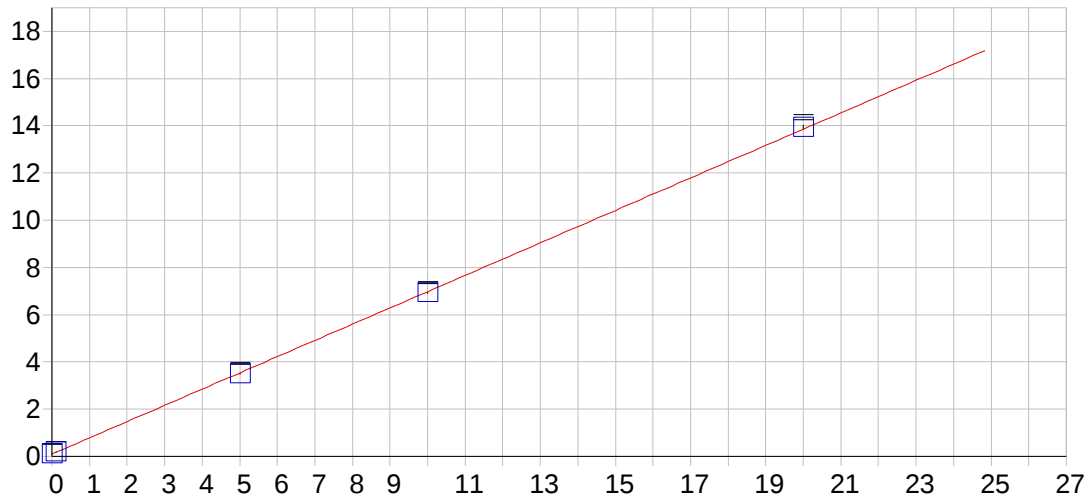
Weighting: 1/Conc

A0 (Offset): 0.000690
 A1 (Gain): 0.006250
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000008
 Predicted MDL: 0.016587
 Predicted MQL: 0.055291

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	.00069	.000	1
S1	.10000	.11330	.013	13.3	.00144	.000	1
S3	5.0000	4.8644	-.136	-2.71	.03171	.000	1
S4	10.000	9.9048	-.095	-.952	.06384	.000	1
S5	20.000	20.217	.217	1.08	.12954	.001	1

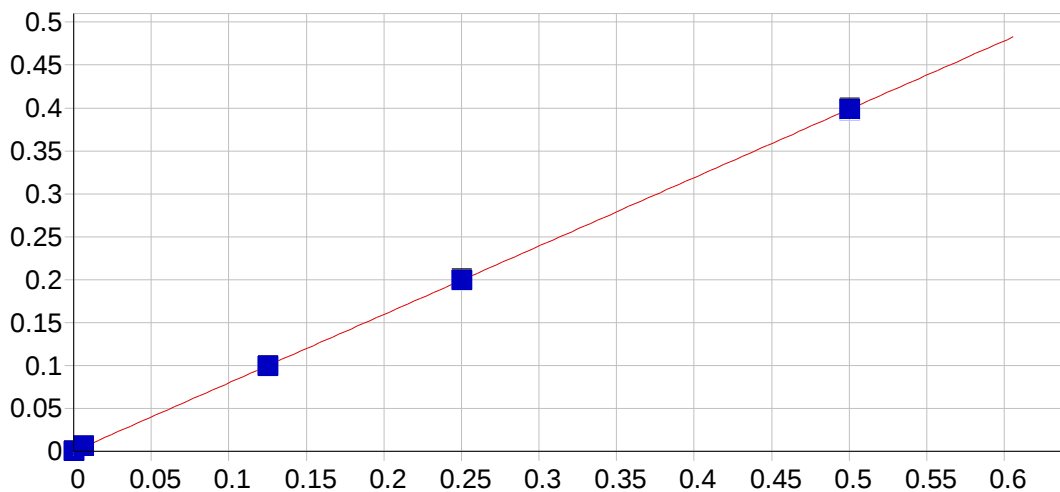


Ba 493.409 { 68}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.095070 Re-Slope: 1.000000
 A1 (Gain): 0.688217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000791
 Predicted MDL: 0.005308
 Predicted MQL: 0.017694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.09505	.001	1
S1	.10000	.12563	.026	25.6	.18153	.001	1
S3	5.0000	4.9529	-.047	-.941	3.5038	.041	1
S5	20.000	20.092	.092	.459	13.923	.111	1
S4	10.000	9.9297	-.070	-.703	6.9289	.050	1



Be 234.861 {144}

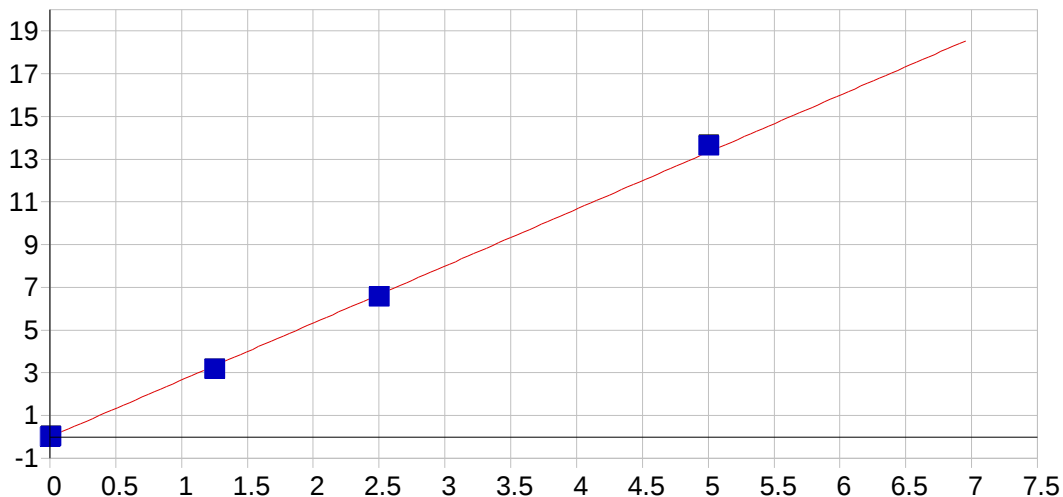
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.796729 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000033
 Predicted MDL: 0.000079
 Predicted MQL: 0.000265

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	.00699	.001	16.5	.00560	.000	1
S3	.12500	.12393	-.001	-.856	.09819	.001	1
S4	.25000	.25009	.000	.034	.19807	.001	1
S5	.50000	.50000	-.000	-.000	.39593	.001	1



Cd 226.502 {449}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

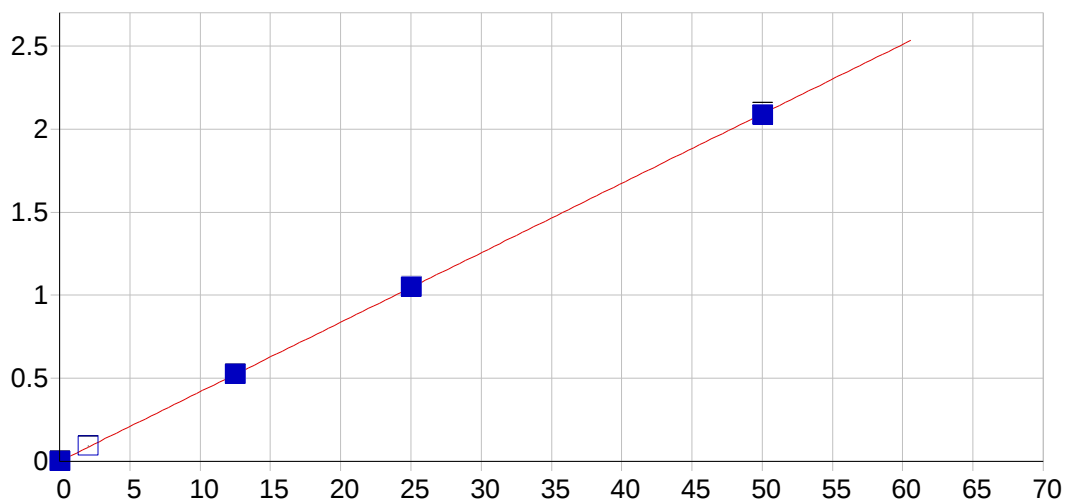
Weighting: 1/Conc

A0 (Offset): -0.002740
 A1 (Gain): 2.666370
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999631
 Std Error of Est: 0.000678
 Predicted MDL: 0.000112
 Predicted MQL: 0.000373

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	-.00274	.000	1
S1	.00600	.00632	.000	5.31	.01414	.000	1
S3	1.2500	1.1853	-.065	-5.17	3.1585	.010	1
S4	2.5000	2.4562	-.044	-1.75	6.5481	.011	1
S5	5.0000	5.1081	.108	2.16	13.620	.018	1

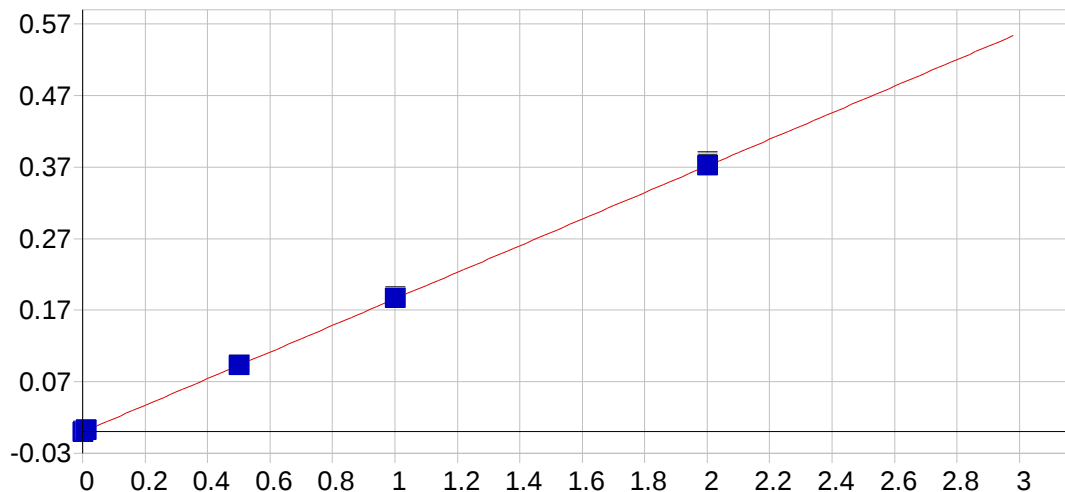


Ca 373.690 { 90}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000790 Re-Slope: 1.000000
 A1 (Gain): 0.041815 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000322
 Predicted MDL: 0.022946
 Predicted MQL: 0.076487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1810	.181	9.05	.09199	.001	1
S0	.00000	-.00017	-.000	.000	.00078	.001	1
S3	12.500	12.467	-.033	-.260	.52239	.001	1
S4	25.000	25.080	.080	.319	1.0501	.003	1
S5	50.000	49.772	-.228	-.456	2.0831	.016	1



Cr 267.716 {126}

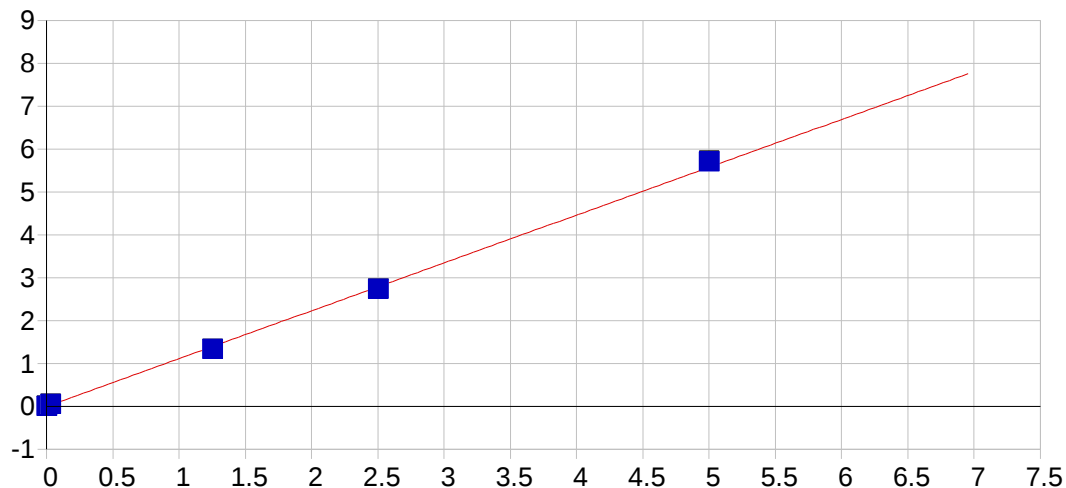
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.185867 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000013
 Predicted MDL: 0.000470
 Predicted MQL: 0.001567

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.01000	.01162	.002	16.2	.00212	.000	1
S3	.50000	.49710	-.003	-.580	.09308	.001	1
S4	1.0000	1.0020	.002	.195	.18764	.001	1
S5	2.0000	1.9993	-.001	-.033	.37449	.002	1



Co 228.616 {447}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

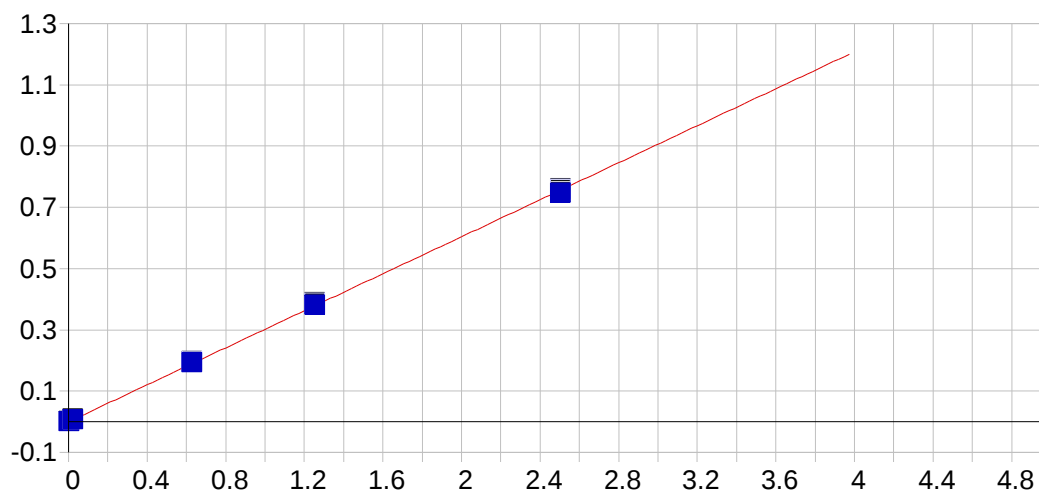
Weighting: 1/Conc

A0 (Offset): -0.000289
 A1 (Gain): 1.115619
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999561
 Std Error of Est: 0.000693
 Predicted MDL: 0.000248
 Predicted MQL: 0.000827

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	-.00029	.000	1
S1	.03000	.03544	.005	18.1	.03902	.000	1
S3	1.2500	1.1855	-.065	-5.16	1.3233	.004	1
S4	2.5000	2.4497	-.050	-2.01	2.7348	.003	1
S5	5.0000	5.1095	.109	2.19	5.7043	.009	1

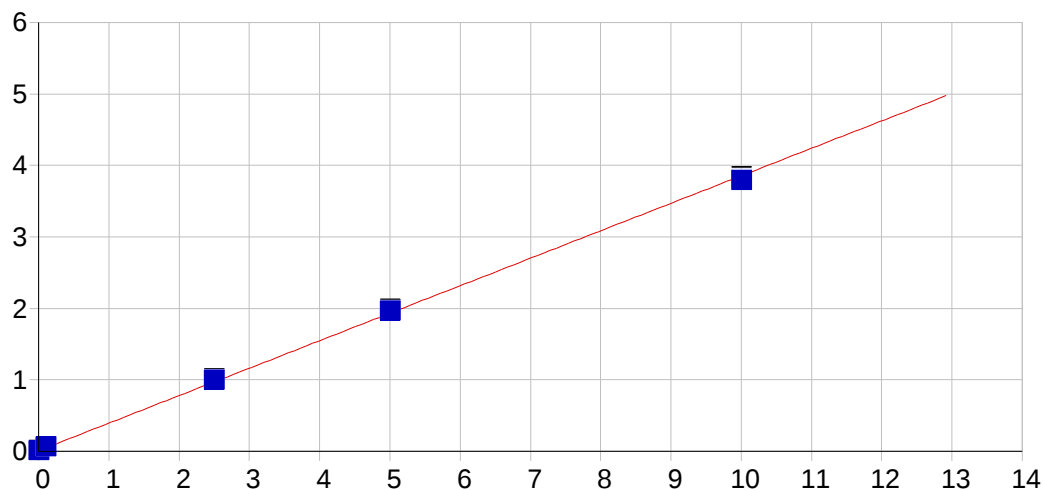


Cu 224.700 {450}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.302061 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.000916
 Predicted MQL: 0.003055

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.02000	.02492	.005	24.6	.00750	.000	1
S3	.62500	.63850	.014	2.16	.19580	.002	1
S4	1.2500	1.2624	.012	.993	.38731	.002	1
S5	2.5000	2.4692	-.031	-1.23	.75792	.003	1



Fe 240.488 {140}

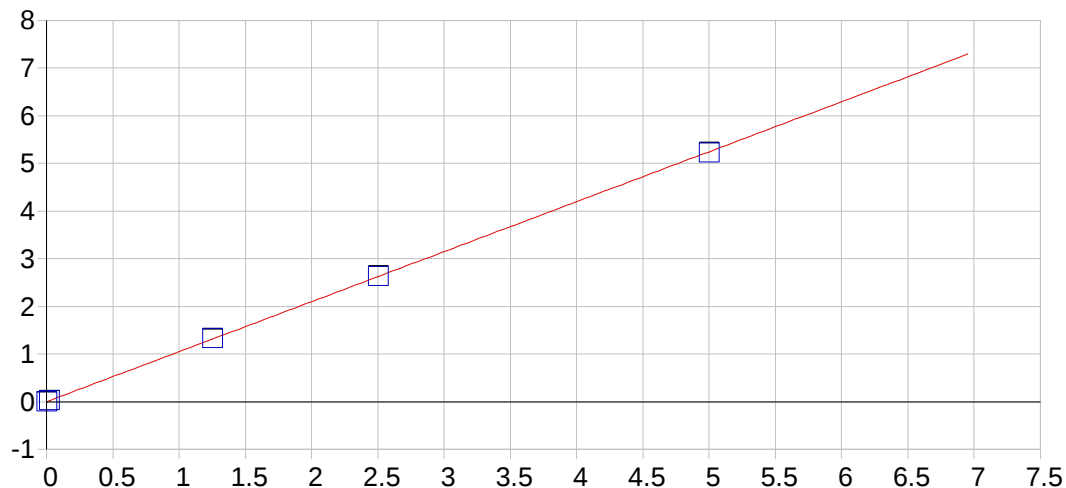
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009843 Re-Slope: 1.000000
 A1 (Gain): 0.384492 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647
 Std Error of Est: 0.000555
 Predicted MDL: 0.001622
 Predicted MQL: 0.005408

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00983	.001	1
S1	.10000	.12607	.026	26.1	.05850	.000	1
S3	2.5000	2.5650	.065	2.60	.99964	.013	1
S4	5.0000	5.0772	.077	1.54	1.9692	.020	1
S5	10.000	9.8317	-.168	-1.68	3.8044	.040	1



Mn 257.610 {131}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

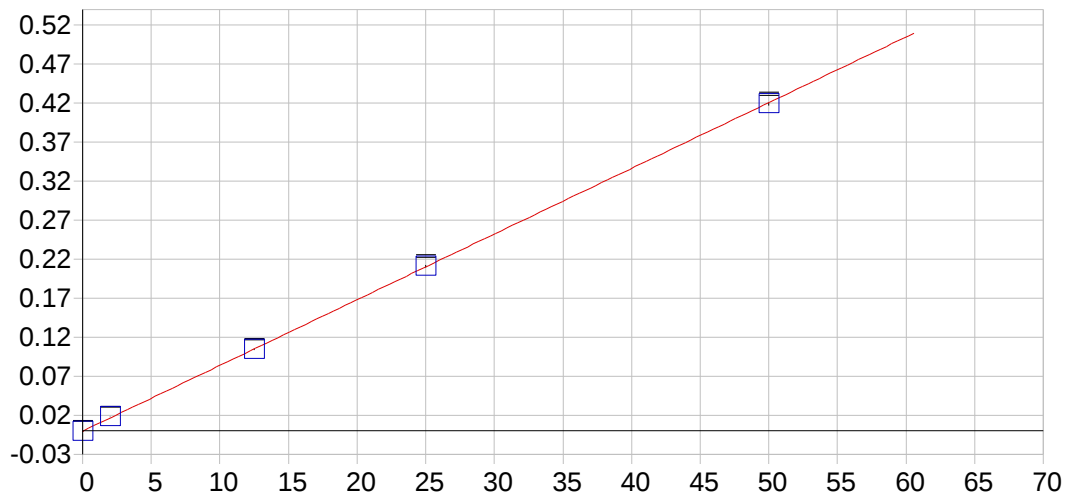
Weighting: 1/Conc

A0 (Offset): -0.000129
 A1 (Gain): 1.049270
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000223
 Predicted MDL: 0.000077
 Predicted MQL: 0.000255

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	-.00013	.000	1
S1	.02000	.02489	.005	24.4	.02599	.000	1
S3	1.2500	1.2561	.006	.489	1.3179	.006	1
S4	2.5000	2.5099	.010	.397	2.6335	.006	1
S5	5.0000	4.9791	-.021	-.419	5.2243	.009	1

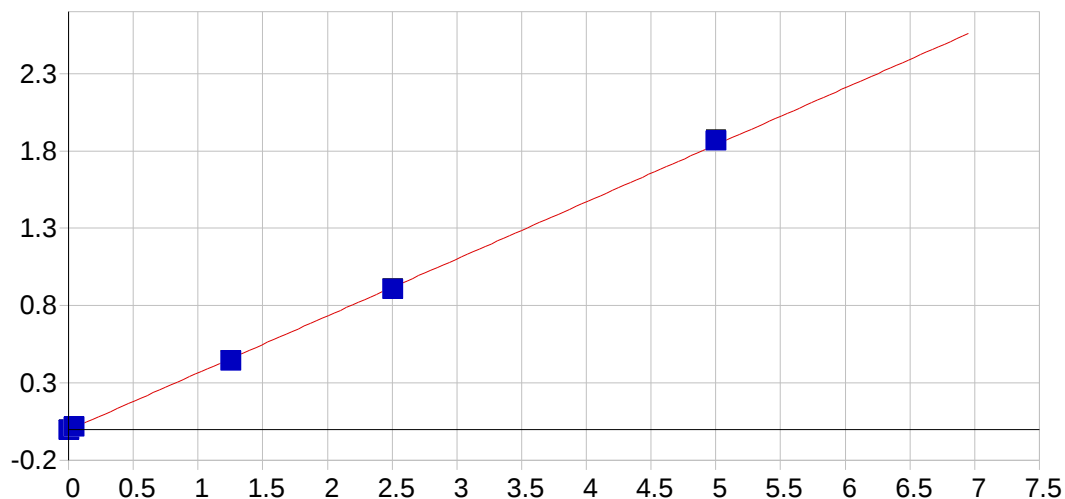


Mg 279.079 {121}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.008418 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.056960
 Predicted MQL: 0.189866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1674	.167	8.37	.01809	.000	1
S0	.00000	-.00016	-.000	.000	-.00015	.001	1
S3	12.500	12.439	-.061	-.488	.10456	.001	1
S4	25.000	25.064	.064	.257	.21083	.002	1
S5	50.000	49.829	-.171	-.341	.41930	.002	1



Ni 231.604 {445}

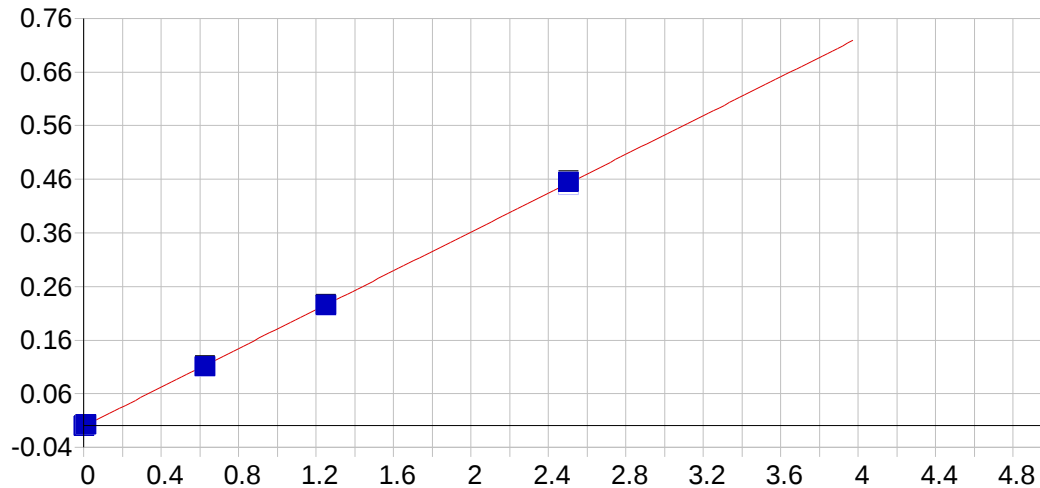
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004000 Re-Slope: 1.000000
 A1 (Gain): 0.368560 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754
 Std Error of Est: 0.000198
 Predicted MDL: 0.000790
 Predicted MQL: 0.002635

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00400	.000	1
S1	.04000	.04772	.008	19.3	.01360	.000	1
S3	1.2500	1.2080	-.042	-3.36	.44173	.001	1
S4	2.5000	2.4652	-.035	-1.39	.90560	.002	1
S5	5.0000	5.0690	.069	1.38	1.8662	.003	1



Ag 328.068 {103}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

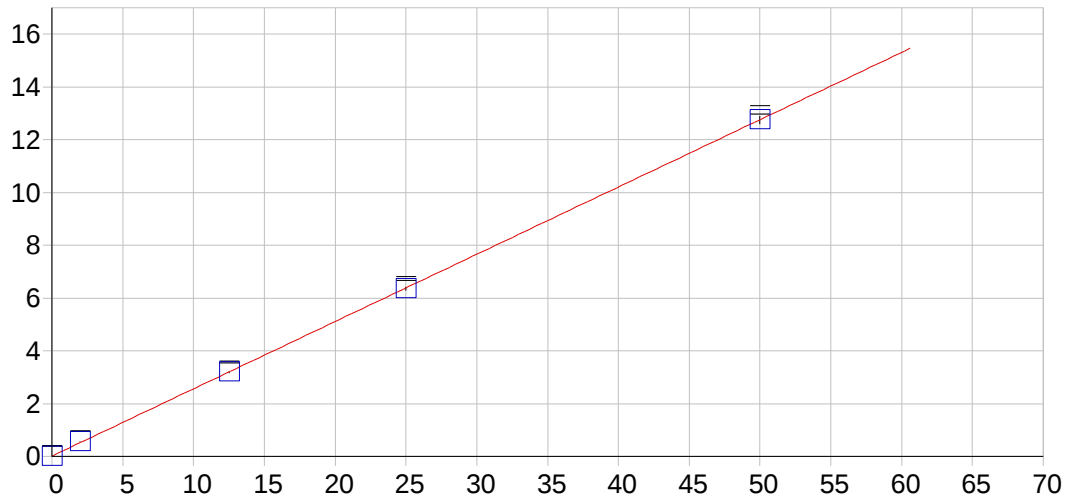
Weighting: 1/Conc

A0 (Offset): -0.000547
 A1 (Gain): 0.181061
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000015
 Predicted MDL: 0.000734
 Predicted MQL: 0.002445

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00055	.000	1
S1	.01000	.01153	.002	15.3	.00150	.000	1
S3	.62500	.61624	-.009	-1.40	.10975	.001	1
S4	1.2500	1.2469	-.003	-.246	.22266	.002	1
S5	2.5000	2.5103	.010	.413	.44884	.002	1

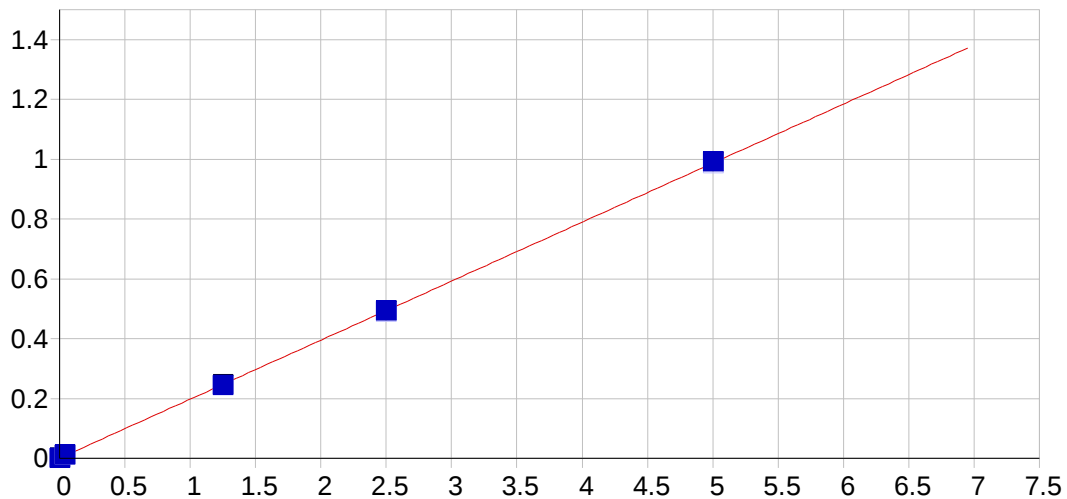


Na 589.592 { 57}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010865 Re-Slope: 1.000000
 A1 (Gain): 0.254972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.001874
 Predicted MDL: 0.012855
 Predicted MQL: 0.042849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1760	.176	8.80	.56569	.006	1
S0	.00000	-.00016	-.000	.000	.01082	.001	1
S3	12.500	12.483	-.017	-.138	3.1936	.038	1
S4	25.000	24.869	-.131	-.524	6.3518	.079	1
S5	50.000	49.972	-.028	-.056	12.752	.156	1



V 292.402 {115}

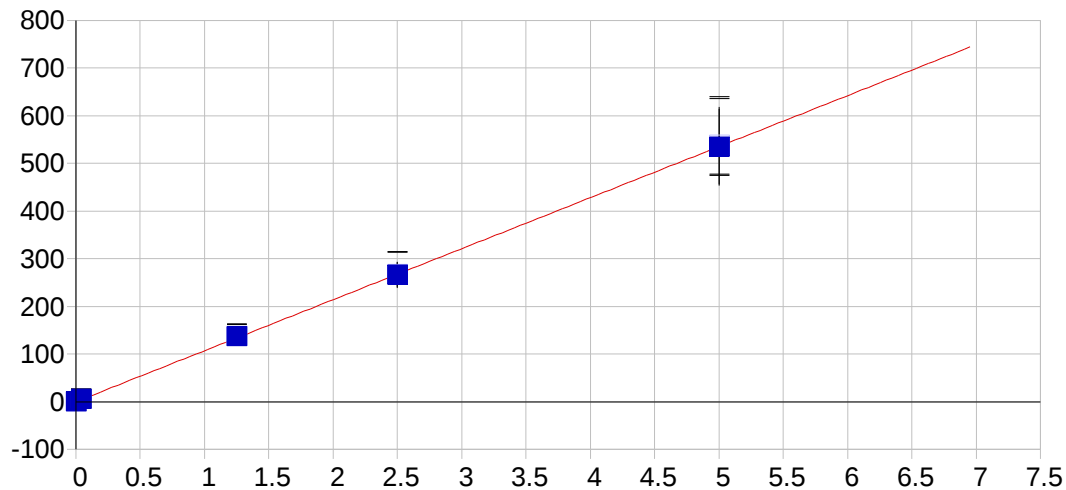
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000460 Re-Slope: 1.000000
 A1 (Gain): 0.197298 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.000076
 Predicted MDL: 0.000520
 Predicted MQL: 0.001732

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00046	.000	1
S1	.04000	.04880	.009	22.0	.00997	.000	1
S3	1.2500	1.2355	-.014	-1.16	.24262	.001	1
S4	2.5000	2.4894	-.011	-.422	.48840	.001	1
S5	5.0000	5.0163	.016	.326	.98372	.001	1



Zn 206.200 {163}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

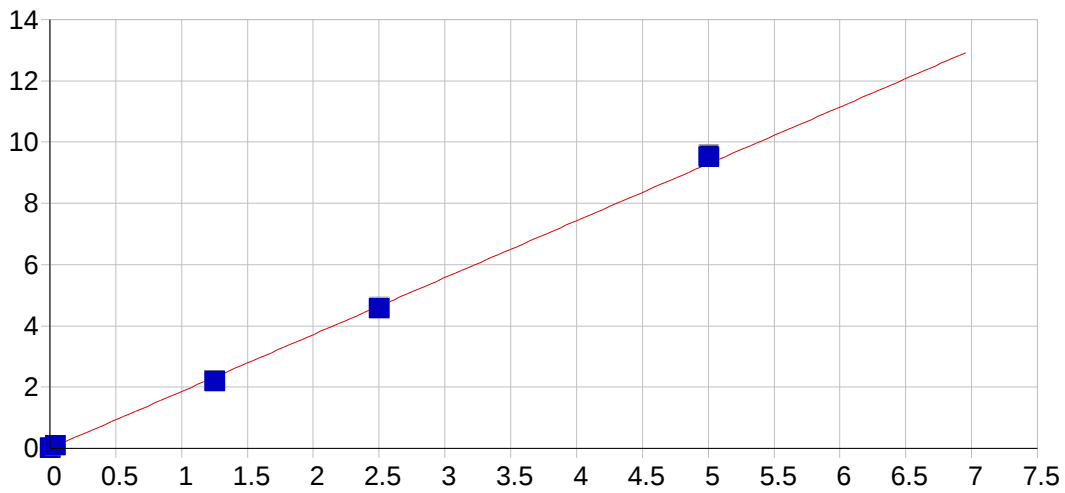
Weighting: 1/Conc

A0 (Offset): -0.158248
 A1 (Gain): 107.076098
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808
 Std Error of Est: 0.051025
 Predicted MDL: 0.000528
 Predicted MQL: 0.001760

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	-.15943	.074	1
S1	.04000	.05081	.011	27.0	5.3103	.347	1
S3	1.2500	1.2693	.019	1.54	136.56	4.84	1
S4	2.5000	2.4794	-.021	-.825	266.94	26.3	1
S5	5.0000	4.9905	-.009	-.190	537.44	80.8	1

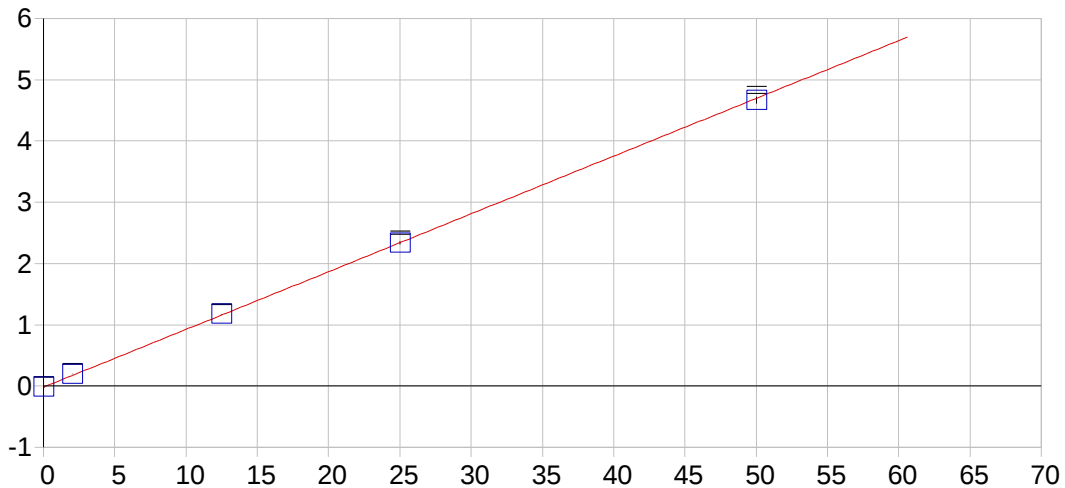


Zn 213.856 {458}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001753 Re-Slope: 1.000000
 A1 (Gain): 1.857274 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999482 Status: OK.
 Std Error of Est: 0.001457
 Predicted MDL: 0.000123
 Predicted MQL: 0.000410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00175	.000	1
S1	.04000	.04622	.006	15.6	.08812	.000	1
S3	1.2500	1.1729	-.077	-6.17	2.1950	.006	1
S4	2.5000	2.4548	-.045	-1.81	4.5906	.010	1
S5	5.0000	5.1161	.116	2.32	9.5630	.015	1



K 766.490 {44}

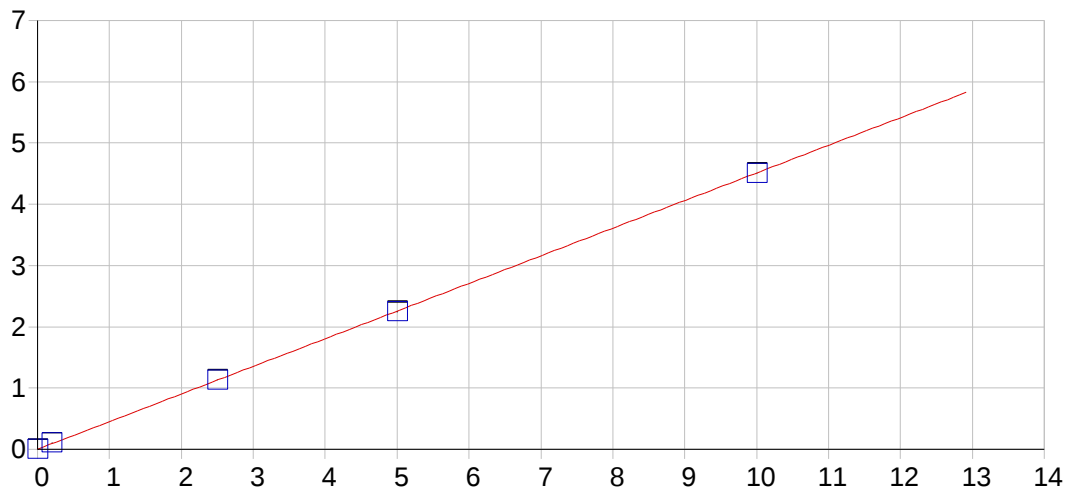
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018546 Re-Slope: 1.000000
 A1 (Gain): 0.094297 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.000954
 Predicted MDL: 0.043366
 Predicted MQL: 0.144553

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2372	.237	11.9	.19242	.006	1
S0	.00000	-.00024	-.000	.000	-.01857	.001	1
S3	12.500	12.590	.090	.719	1.1686	.003	1
S4	25.000	24.984	-.016	-.064	2.3374	.025	1
S5	50.000	49.689	-.311	-.622	4.6670	.055	1



Mo 202.030 {467}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

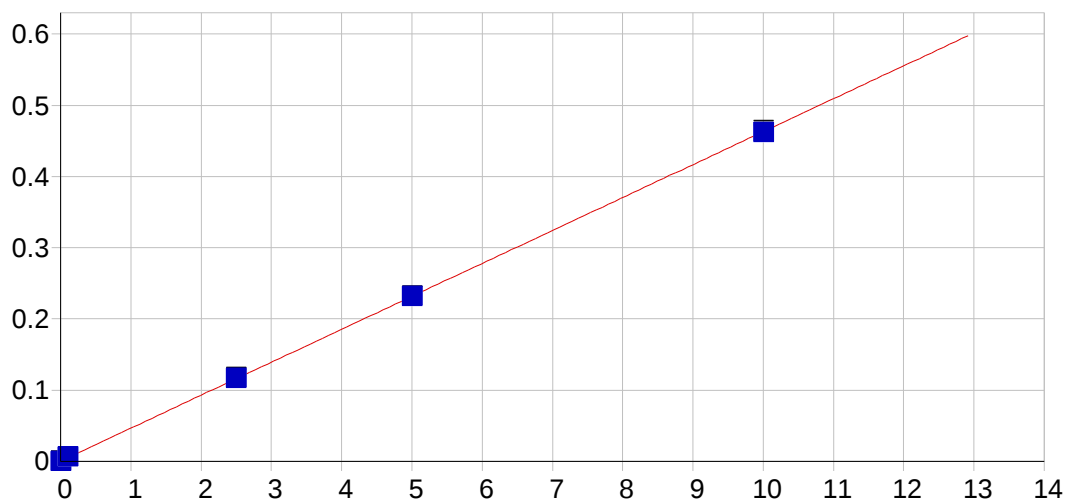
Weighting: 1/Conc

A0 (Offset): 0.000402
 A1 (Gain): 0.451147
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000517
 Predicted MDL: 0.000351
 Predicted MQL: 0.001170

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00039	.000	1
S1	.20000	.22782	.028	13.9	.10318	.000	1
S3	2.5000	2.5027	.003	.106	1.1295	.006	1
S4	5.0000	4.9865	-.013	-.269	2.2501	.010	1
S5	10.000	9.9830	-.017	-.170	4.5042	.005	1

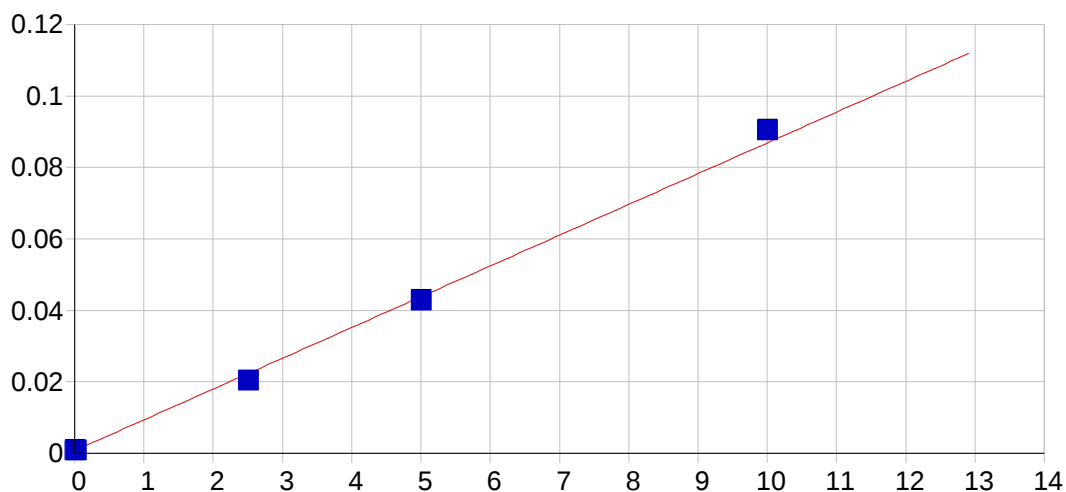


B 249.678 {135}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000423 Re-Slope: 1.000000
 A1 (Gain): 0.046258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.008803
 Predicted MQL: 0.029344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00042	.000	1
S1	.10000	.11818	.018	18.2	.00587	.001	1
S3	2.5000	2.5111	.011	.446	.11631	.001	1
S4	5.0000	4.9992	-.001	-.016	.23113	.000	1
S5	10.000	9.9715	-.028	-.285	.46060	.003	1



S 182.034 {485}

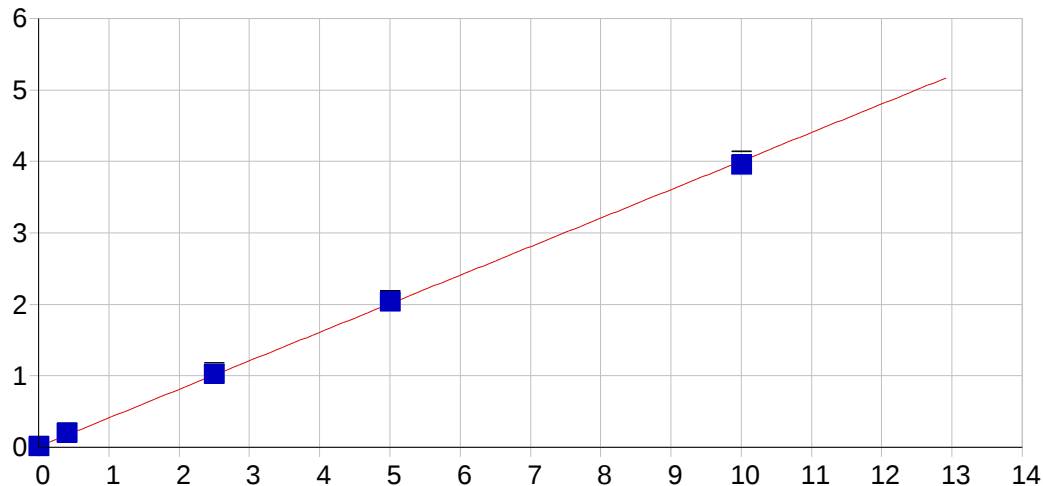
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000775 Re-Slope: 1.000000
 A1 (Gain): 0.008611 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997884
 Std Error of Est: 0.000014
 Predicted MDL: 0.012964
 Predicted MQL: 0.043212

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00077	.000	1
S1	.02000	-.00545	-.025	-127.	.00072	.000	1
S3	2.5000	2.2656	-.234	-9.38	.02026	.000	1
S4	5.0000	4.8604	-.140	-2.79	.04258	.000	1
S5	10.000	10.399	.399	3.99	.09022	.000	1



Si 288.158 {117}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

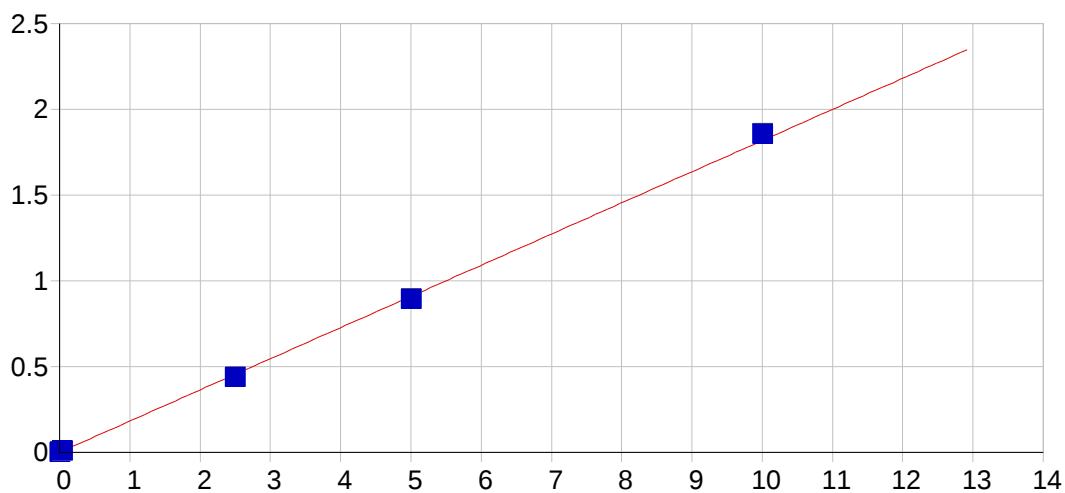
Weighting: 1/Conc

A0 (Offset): 0.012520
 A1 (Gain): 0.399270
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677
 Std Error of Est: 0.001108
 Predicted MDL: 0.002860
 Predicted MQL: 0.009534

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	-.00006	-.000	.000	.01250	.000	1
S1	.40000	.45694	.057	14.2	.19483	.002	1
S3	2.5000	2.5364	.036	1.46	1.0247	.011	1
S4	5.0000	5.0571	.057	1.14	2.0306	.016	1
S5	10.000	9.8495	-.150	-1.50	3.9430	.054	1

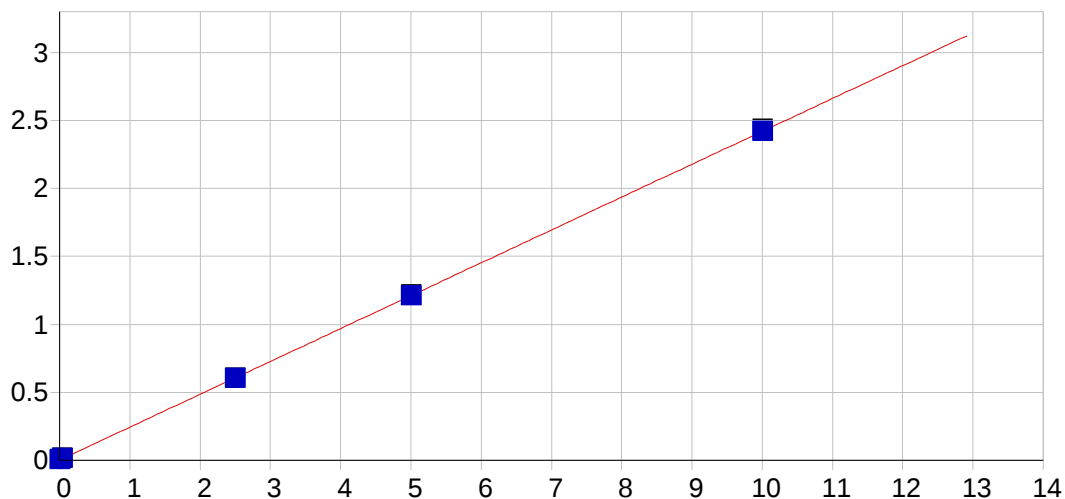


Sn 189.989 {477}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000981 Re-Slope: 1.000000
 A1 (Gain): 0.181696 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.000735
 Predicted MQL: 0.002449

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.000	1
S1	.04000	.04442	.004	11.1	.00905	.000	1
S3	2.5000	2.3875	-.113	-4.50	.43486	.001	1
S4	5.0000	4.9052	-.095	-1.90	.89239	.001	1
S5	10.000	10.203	.203	2.03	1.8551	.001	1



Ti 336.121 {100}

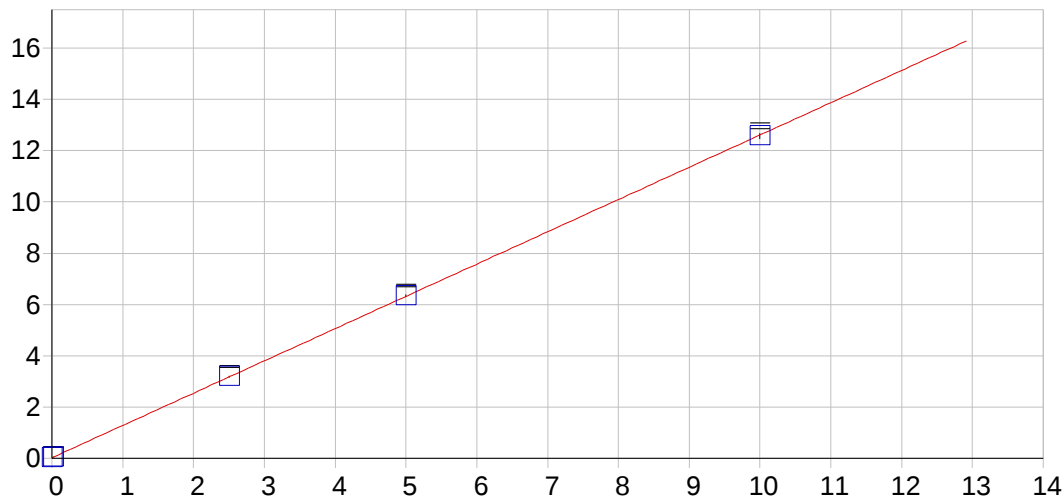
Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002377 Re-Slope: 1.000000
 A1 (Gain): 0.241695 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000092
 Predicted MDL: 0.002970
 Predicted MQL: 0.009901

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00238	.000	1
S1	.04000	.04909	.009	22.7	.01424	.000	1
S3	2.5000	2.4845	-.016	-.622	.60278	.002	1
S4	5.0000	4.9976	-.002	-.048	1.2101	.004	1
S5	10.000	10.009	.009	.088	2.4212	.012	1



Li 670.784 { 50}

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

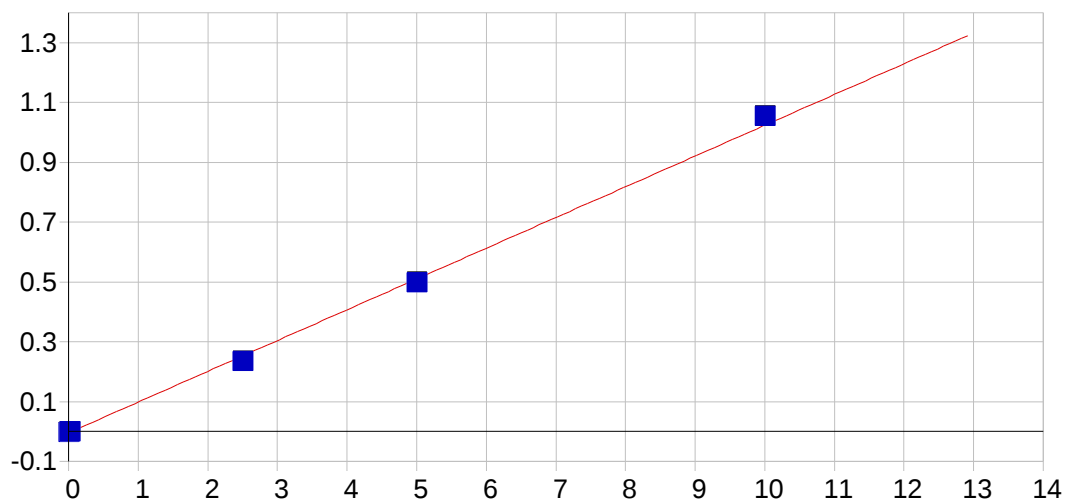
Weighting: 1/Conc

A0 (Offset): 0.022781
 A1 (Gain): 1.258880
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000207
 Predicted MDL: 0.002787
 Predicted MQL: 0.009291

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	.02278	.003	1
S1	.02000	.02344	.003	17.2	.05229	.001	1
S3	2.5000	2.5109	.011	.437	3.1837	.027	1
S4	5.0000	5.0181	.018	.363	6.3400	.052	1
S5	10.000	9.9675	-.033	-.325	12.571	.106	1



P 177.495 {490}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004686 Re-Slope: 1.000000
 A1 (Gain): 0.102863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999303 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.001543
 Predicted MQL: 0.005145

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00469	.000	1
S1	.02000	.02040	.000	1.99	-.00260	.000	1
S3	2.5000	2.3185	-.181	-7.26	.23343	.001	1
S4	5.0000	4.8871	-.113	-2.26	.49727	.001	1
S5	10.000	10.294	.294	2.94	1.0527	.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

Status: Warning Zero Gain

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

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

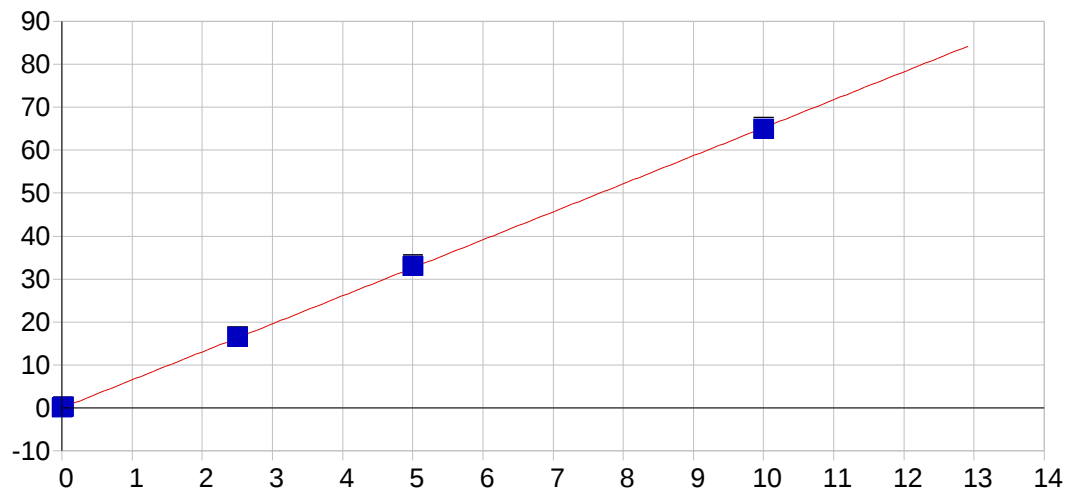
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 3/4/2019 12:47:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004900

Re-Slope: 1.000000

A1 (Gain): 6.522052

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

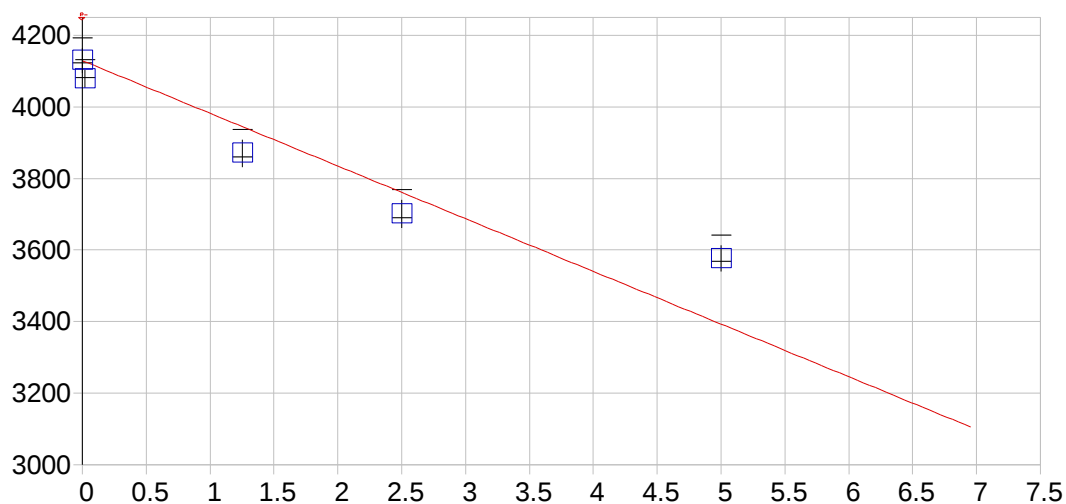
Status: OK.

Std Error of Est: 0.001393

Predicted MDL: 0.000208

Predicted MQL: 0.000692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00492	.002	1
S1	.02000	.02316	.003	15.8	.14690	.003	1
S3	2.5000	2.5048	.005	.192	16.349	.123	1
S4	5.0000	5.0507	.051	1.01	32.972	.216	1
S5	10.000	9.9413	-.059	-.587	64.904	.379	1

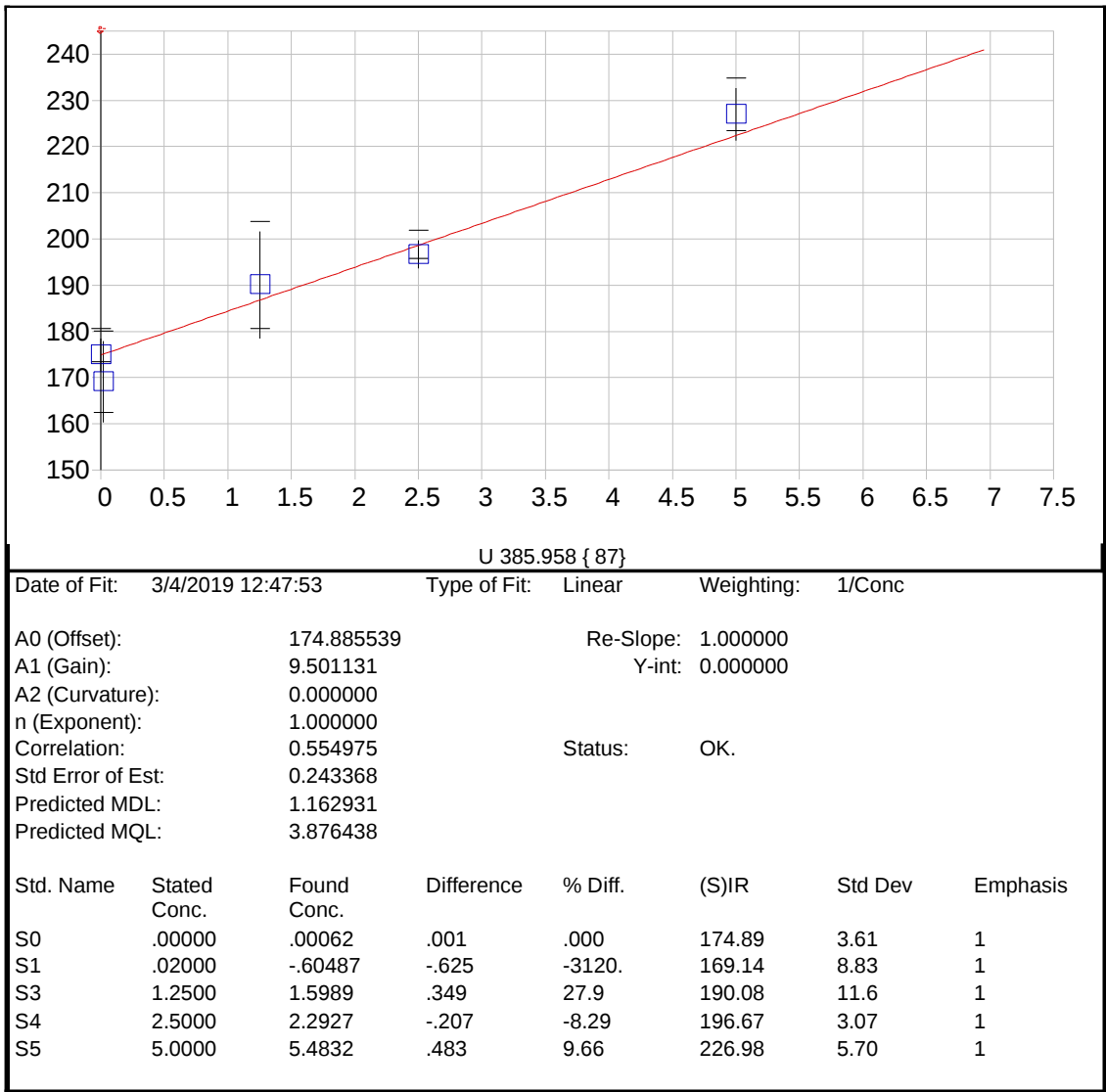


U 367.007 { 92}

Date of Fit: 3/4/2019 12:47:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4129.265620 Re-Slope: 1.000000
A1 (Gain): -147.221112 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.774248 Status: Warning Negative Gain
Std Error of Est: 2.056463
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	-.000	.000	4129.3	34.3	1
S1	.02000	.34466	.325	1620.	4078.5	25.0	1
S3	1.2500	1.7578	.508	40.6	3870.5	38.2	1
S4	2.5000	2.9121	.412	16.5	3700.5	39.6	1
S5	5.0000	3.7554	-1.24	-24.9	3576.4	36.4	1



Sample Name: S0 Acquired: 3/4/2019 10:47:40 Type: Cal
Method: P4-ICP2(v2905) 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	.00002	.00000	.00435	-.00023	.00033	.00069	.09505	.00008
Stddev	.00011	.00013	.00023	.00013	.00010	.00002	.00137	.00002
%RSD	662.19	4311.5	5.2706	56.382	30.175	2.3513	1.4459	21.622

#1	.00001	.00011	.00421	-.00036	.00044	.00068	.09661	.00008
#2	-.00009	.00003	.00422	-.00024	.00025	.00068	.09402	.00009
#3	.00013	-.00014	.00461	-.00010	.00031	.00071	.09452	.00006

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	-.00274	.00078	-.00005	-.00029	-.00012	.00983	-.00013	-.00015
Stddev	.00031	.00063	.00012	.00013	.00025	.00085	.00001	.00055
%RSD	11.389	79.955	253.42	44.470	210.45	8.6236	6.6104	355.50

#1	-.00310	.00150	-.00003	-.00014	-.00040	.00889	-.00013	.00028
#2	-.00254	.00053	.00007	-.00038	.00010	.01053	-.00013	-.00077
#3	-.00258	.00033	-.00018	-.00035	-.00007	.01008	-.00014	.00002

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00400	-.00055	.01082	.00046	.00175	-.01857	.00039	.00042
Stddev	.00019	.00015	.00143	.00003	.00012	.00113	.00018	.00011
%RSD	4.8503	27.942	13.187	6.9796	6.6830	6.1082	46.982	26.322

#1	-.00391	-.00046	.00949	.00048	.00176	-.01985	.00019	.00050
#2	-.00423	-.00072	.01233	.00042	.00185	-.01814	.00056	.00047
#3	-.00387	-.00046	.01066	.00048	.00162	-.01771	.00042	.00030

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	.00077	.01250	.00098	.00238	.02278	-.0047	-.00492	4129.3
Stddev	.00005	.00043	.00007	.00046	.00305	.0001	.00199	34.3
%RSD	7.0211	3.4453	6.7542	19.423	13.383	1.629	40.485	.83174

#1	.00084	.01293	.00094	.00194	.02163	-.0047	-.00262	4091.9
#2	.00074	.01207	.00106	.00233	.02623	-.0046	-.00601	4136.6
#3	.00075	.01249	.00094	.00286	.02047	-.0048	-.00613	4159.4

Sample Name: S0 Acquired: 3/4/2019 10:47:40 Type: Cal
 Method: P4-ICP2(v2905) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	174.89
Stddev	3.61
%RSD	2.0666

#1	178.64
#2	174.62
#3	171.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.2	44222.	3474.7	18.489	3423.8
Stddev	.4	150.	12.3	.416	4.1
%RSD	.01072	.33963	.35441	2.2511	.11876

#1	3779.5	44061.	3472.4	18.733	3421.0
#2	3779.3	44246.	3488.0	18.008	3428.5
#3	3778.7	44359.	3463.7	18.725	3422.0

Sample Name: S1 Acquired: 3/4/2019 10:52:06 Type: Cal
Method: P4-ICP2(v2905) 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	.00089	.00514	.00810	.00097	.00604	.00144	.18153	.00560
Stddev	.00003	.00030	.00006	.00017	.00021	.00007	.00103	.00007
%RSD	3.4332	5.9027	.69226	17.086	3.4146	4.5424	.56639	1.2501

#1	.00088	.00522	.00816	.00088	.00622	.00143	.18175	.00568
#2	.00087	.00539	.00806	.00117	.00582	.00151	.18041	.00555
#3	.00093	.00480	.00807	.00087	.00609	.00138	.18243	.00556

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	.01414	.00212	.03902	.00750	.05850	.02599	.01360	.00150
Stddev	.00019	.00014	.00028	.00013	.00044	.00007	.00010	.00003
%RSD	1.3579	6.3702	.71030	1.7994	.76006	.25789	.76223	1.8465

#1	.01398	.00221	.03881	.00760	.05883	.02591	.01354	.00153
#2	.01409	.00218	.03933	.00756	.05868	.02600	.01372	.00148
#3	.01435	.00197	.03891	.00735	.05800	.02604	.01354	.00150

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	.00997	.08812	.10318	.00587	.00072	.19483	.00905	.01424
Stddev	.00003	.00021	.00032	.00057	.00011	.00236	.00008	.00049
%RSD	.33182	.24130	.30940	9.6274	15.429	1.2094	.84848	3.4497

#1	.01000	.08791	.10345	.00641	.00063	.19668	.00903	.01480
#2	.00993	.08833	.10283	.00528	.00085	.19563	.00914	.01400
#3	.00997	.08811	.10326	.00592	.00069	.19218	.00899	.01391

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05229	-.0026	.14690	4078.5	169.14
Stddev	.00124	.0000	.00268	25.0	8.83
%RSD	2.3810	1.901	1.8228	.61399	5.2219

#1	.05219	-.0026	.14928	4053.1	159.49
#2	.05110	-.0026	.14400	4103.2	171.12
#3	.05358	-.0025	.14742	4079.3	176.81

Sample Name: S1 Acquired: 3/4/2019 10:52:06 Type: Cal
 Method: P4-ICP2(v2905) 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	3797.0	44252.	3493.1	18.386	3390.3
Stddev	11.7	40.	32.1	1.311	24.0
%RSD	.30902	.09008	.91905	7.1293	.70913
#1	3790.5	44216.	3469.6	16.942	3390.7
#2	3789.9	44295.	3480.0	18.717	3366.0
#3	3810.5	44245.	3529.7	19.500	3414.1

Sample Name: S2 Acquired: 3/4/2019 10:56:32 Type: Cal
Method: P4-ICP2(v2905) 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	.09199	.01809	.56569	.19242
Stddev	.00139	.00043	.00605	.00636
%RSD	1.5150	2.4007	1.0692	3.3031

#1	.09052	.01760	.56851	.18635
#2	.09214	.01825	.55875	.19187
#3	.09330	.01843	.56981	.19903

Int. Std.	Y_3710
Units	Cts/S
Avg	3554.5
Stddev	20.3
%RSD	.56986

#1	3567.2
#2	3531.2
#3	3565.2

Sample Name: S3 Acquired: 3/4/2019 11:00:48 Type: Cal
Method: P4-ICP2(v2905) 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	.09859	.25688	.63358	.12406	.23662	.03171	3.5038	.09819
Stddev	.00016	.00119	.00325	.00083	.00149	.00026	.0408	.00056
%RSD	.16596	.46485	.51246	.67018	.62913	.81110	1.1642	.56610

#1	.09867	.25801	.63531	.12348	.23597	.03176	3.5436	.09883
#2	.09869	.25563	.62984	.12501	.23833	.03144	3.5057	.09782
#3	.09840	.25699	.63559	.12368	.23557	.03195	3.4620	.09792

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1585	.52239	.09308	1.3233	.19580	.99964	1.3179	.10456
Stddev	.0104	.00131	.00070	.0043	.00183	.01295	.0055	.00072
%RSD	.32884	.25138	.75270	.32270	.93484	1.2959	.41824	.69115

#1	3.1646	.52123	.09385	1.3265	.19406	1.0106	1.3233	.10414
#2	3.1465	.52382	.09249	1.3185	.19771	1.0029	1.3123	.10539
#3	3.1644	.52213	.09288	1.3250	.19563	.98535	1.3180	.10414

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	.44173	.10975	3.1936	.24262	2.1950	1.1686	1.1295	.11631
Stddev	.00063	.00059	.0377	.00098	.0058	.0034	.0055	.00133
%RSD	.14218	.53660	1.1804	.40340	.26571	.28774	.49041	1.1412

#1	.44105	.11006	3.2317	.24374	2.1970	1.1657	1.1258	.11761
#2	.44229	.11011	3.1928	.24194	2.1884	1.1723	1.1358	.11638
#3	.44185	.10907	3.1563	.24217	2.1995	1.1679	1.1268	.11496

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	.02026	1.0247	.43486	.60278	3.1837	.2334	16.349	3870.5
Stddev	.00007	.0105	.00061	.00178	.0274	.0006	.123	38.2
%RSD	.33945	1.0276	.13931	.29472	.86056	.2513	.75244	.98708

#1	.02024	1.0357	.43518	.60280	3.2059	.2332	16.458	3836.9
#2	.02020	1.0238	.43416	.60454	3.1922	.2330	16.375	3862.4
#3	.02034	1.0147	.43523	.60099	3.1531	.2341	16.216	3912.1

Sample Name: S3 Acquired: 3/4/2019 11:00:48 Type: Cal
 Method: P4-ICP2(v2905) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	190.08
Stddev	11.60
%RSD	6.1029

#1	186.25
#2	203.11
#3	180.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3740.1	43196.	3532.8	17.467	3184.6
Stddev	16.3	155.	47.2	.643	8.9
%RSD	.43635	.35988	1.3356	3.6808	.27885

#1	3753.0	43044.	3494.8	16.768	3181.2
#2	3721.7	43188.	3518.1	17.600	3194.7
#3	3745.5	43355.	3585.7	18.033	3178.0

Sample Name: S4 Acquired: 3/4/2019 11:04:51 Type: Cal
 Method: P4-ICP2(v2905) 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	.19942	.52454	1.2878	.25016	.47503	.06384	6.9289	.19807
Stddev	.00065	.00184	.0005	.00179	.00275	.00027	.0503	.00087
%RSD	.32570	.35145	.04061	.71425	.57801	.41698	.72634	.44078

#1	.19995	.52648	1.2883	.25202	.47794	.06368	6.9416	.19723
#2	.19869	.52281	1.2873	.24846	.47248	.06369	6.8734	.19802
#3	.19962	.52434	1.2878	.25001	.47467	.06415	6.9716	.19897

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	6.5481	1.0501	.18764	2.7348	.38731	1.9692	2.6335	.21083
Stddev	.0110	.0028	.00105	.0034	.00180	.0200	.0065	.00157
%RSD	.16850	.26937	.55836	.12475	.46420	1.0145	.24587	.74647

#1	6.5597	1.0475	.18780	2.7336	.38877	1.9718	2.6314	.20957
#2	6.5377	1.0496	.18653	2.7321	.38530	1.9480	2.6283	.21034
#3	6.5468	1.0531	.18861	2.7386	.38786	1.9877	2.6407	.21260

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	.90560	.22266	6.3518	.48840	4.5906	2.3374	2.2501	.23113
Stddev	.00174	.00150	.0793	.00071	.0098	.0252	.0104	.00032
%RSD	.19207	.67434	1.2490	.14464	.21230	1.0790	.46098	.13784

#1	.90755	.22385	6.3837	.48761	4.6012	2.3440	2.2611	.23077
#2	.90421	.22097	6.2615	.48896	4.5820	2.3095	2.2406	.23128
#3	.90504	.22314	6.4102	.48863	4.5886	2.3586	2.2485	.23135

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	.04258	2.0306	.89239	1.2101	6.3400	.4973	32.972	3700.5
Stddev	.00034	.0160	.00064	.0042	.0521	.0006	.216	39.6
%RSD	.79320	.78626	.07176	.34672	.82243	.1246	.65492	1.0696

#1	.04219	2.0296	.89310	1.2067	6.3383	.4967	32.819	3662.1
#2	.04277	2.0152	.89185	1.2089	6.2887	.4980	32.878	3741.1
#3	.04277	2.0471	.89222	1.2148	6.3930	.4971	33.219	3698.4

Sample Name: S4 Acquired: 3/4/2019 11:04:51 Type: Cal
 Method: P4-ICP2(v2905) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	196.67
Stddev	3.07
%RSD	1.5598

#1	199.49
#2	193.40
#3	197.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.1	42515.	3527.8	17.799	3031.8
Stddev	20.2	138.	20.6	1.691	6.3
%RSD	.54466	.32435	.58414	9.5026	.20647

#1	3682.2	42406.	3525.1	15.849	3027.5
#2	3722.4	42670.	3549.6	18.672	3039.0
#3	3704.7	42469.	3508.7	18.875	3028.9

Sample Name: S5 Acquired: 3/4/2019 11:08:51 Type: Cal
Method: P4-ICP2(v2905) 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	.40229	1.0692	2.6688	.49917	.95971	.12954	13.923	.39593
Stddev	.00040	.0021	.0055	.00078	.00322	.00088	.111	.00130
%RSD	.09840	.19950	.20609	.15657	.33500	.67986	.79612	.32730

#1	.40184	1.0671	2.6641	.49831	.95802	.12890	13.879	.39444
#2	.40256	1.0713	2.6748	.49983	.96342	.13054	13.840	.39670
#3	.40248	1.0692	2.6674	.49939	.95770	.12917	14.049	.39666

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	13.620	2.0831	.37449	5.7043	.75792	3.8044	5.2243	.41930
Stddev	.018	.0162	.00232	.0094	.00269	.0404	.0089	.00215
%RSD	.13053	.77658	.61832	.16499	.35482	1.0613	.17092	.51383

#1	13.609	2.0820	.37188	5.6956	.75491	3.8014	5.2146	.41747
#2	13.641	2.0675	.37527	5.7143	.76007	3.7656	5.2322	.41877
#3	13.612	2.0998	.37631	5.7031	.75880	3.8462	5.2259	.42168

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	1.8662	.44884	12.752	.98372	9.5630	4.6670	4.5042	.46060
Stddev	.0033	.00216	.156	.00111	.0151	.0548	.0055	.00275
%RSD	.17661	.48088	1.2247	.11301	.15758	1.1744	.12106	.59708

#1	1.8659	.44637	12.665	.98288	9.5527	4.6504	4.4982	.45888
#2	1.8697	.44979	12.659	.98330	9.5803	4.6224	4.5090	.45915
#3	1.8632	.45036	12.933	.98498	9.5560	4.7282	4.5054	.46378

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	.09022	3.9430	1.8551	2.4212	12.571	1.053	64.904	3576.4
Stddev	.00032	.0539	.0015	.0118	.106	.001	.379	36.4
%RSD	.35031	1.3658	.08007	.48741	.83935	.1096	.58373	1.0171

#1	.08990	3.9347	1.8535	2.4158	12.557	1.054	64.848	3614.3
#2	.09022	3.8938	1.8563	2.4129	12.472	1.053	64.557	3541.7
#3	.09054	4.0006	1.8555	2.4347	12.682	1.051	65.308	3573.2

Sample Name: S5 Acquired: 3/4/2019 11:08:51 Type: Cal
Method: P4-ICP2(v2905) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	226.98
Stddev	5.70
%RSD	2.5115

#1	225.71
#2	233.21
#3	222.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.5	41573.	3546.0	17.174	2825.3
Stddev	3.2	143.	31.2	2.425	2.1
%RSD	.08913	.34429	.88098	14.118	.07459

#1	3628.0	41703.	3542.6	19.238	2826.4
#2	3630.4	41419.	3578.7	14.504	2826.6
#3	3624.0	41597.	3516.5	17.779	2822.9

Sample Name: ICV01 Acquired: 3/4/2019 11:17:55 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0341	1.0521	1.0034	1.0522	1.0344	2.5971	.50900	.51153
Stddev	.0040	.0052	.0022	.0028	.0025	.0108	.00509	.00144
%RSD	.38730	.49580	.21676	.26362	.23857	.41583	1.0002	.28222
#1	1.0359	1.0491	1.0023	1.0497	1.0316	2.6081	.51416	.51001
#2	1.0369	1.0491	1.0020	1.0517	1.0356	2.5865	.50886	.51171
#3	1.0295	1.0581	1.0059	1.0552	1.0361	2.5968	.50398	.51288
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48779	10.344	.51848	.49953	.52604	5.2910	.52506	6.1766
Stddev	.00066	.057	.00248	.00179	.00111	.0372	.00104	.0779
%RSD	.13537	.55378	.47875	.35898	.21174	.70219	.19870	1.2613
#1	.48742	10.278	.52134	.49822	.52477	5.2867	.52385	6.0886
#2	.48739	10.378	.51696	.49879	.52649	5.3301	.52565	6.2045
#3	.48855	10.375	.51714	.50157	.52685	5.2562	.52567	6.2366
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49216	.51092	9.9976	.51381	.97191	10.195	F .56460	F .54256
Stddev	.00072	.00173	.1017	.00076	.00055	.076	.00065	.00226
%RSD	.14718	.33942	1.0168	.14782	.05698	.74672	.11557	.41605
#1	.49177	.51290	10.015	.51467	.97227	10.210	.56435	.54516
#2	.49171	.51020	10.089	.51352	.97220	10.263	.56534	.54140
#3	.49300	.50967	9.8884	.51323	.97127	10.113	.56411	.54113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.8709	F .54007	F .53006	F .55053	F 3.2171	F 2.976	F 3.1966	F 2.8852
Stddev	.0237	.00439	.00030	.00068	.0218	.010	.0237	.2972
%RSD	.82635	.81196	.05570	.12318	.67883	.3502	.74055	10.301
#1	2.8444	.54212	.53040	.54976	3.2146	2.975	3.1728	3.2257
#2	2.8902	.54305	.52988	.55106	3.2401	2.966	3.2201	2.6781
#3	2.8780	.53503	.52989	.55076	3.1966	2.987	3.1969	2.7518

Sample Name: ICV01 Acquired: 3/4/2019 11:17:55 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 8.3055
Stddev	.4738
%RSD	5.7049

#1	8.0479
#2	8.8523
#3	8.0163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.7	42496.	3573.2	18.173	3196.3
Stddev	18.1	205.	28.3	.247	10.4
%RSD	.48470	.48286	.79267	1.3616	.32415

#1	3723.3	42260.	3569.2	18.162	3187.8
#2	3721.1	42599.	3547.1	18.425	3193.4
#3	3753.5	42629.	3603.3	17.931	3207.8

Sample Name: LLICV01 Acquired: 3/4/2019 11:22:03 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01798	.04455	.01205	.02203	.05284	.10238	.09978
Stddev	.00150	.00130	.00043	.00336	.00019	.00468	.00211
%RSD	8.3291	2.9103	3.5969	15.254	.35131	4.5674	2.1126

#1	.01882	.04392	.01223	.02511	.05262	.09829	.09867
#2	.01887	.04369	.01155	.01845	.05295	.10748	.09846
#3	.01625	.04604	.01236	.02253	.05294	.10138	.10221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00621	.00552	2.0869	.01053	.03219	.02131	.10975
Stddev	.00008	.00007	.0230	.00006	.00034	.00022	.00183
%RSD	1.2352	1.2276	1.1024	.60570	1.0470	1.0251	1.6717

#1	.00626	.00547	2.0650	.01059	.03184	.02108	.11174
#2	.00612	.00560	2.0847	.01054	.03223	.02151	.10811
#3	.00625	.00550	2.1109	.01046	.03251	.02133	.10942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02257	2.1301	.04073	.01004	1.9962	.04336	.04172
Stddev	.00020	.0783	.00030	.00064	.0243	.00081	.00014
%RSD	.89043	3.6755	.72730	6.3959	1.2164	1.8586	.34414

#1	.02249	2.2141	.04042	.01018	2.0157	.04243	.04161
#2	.02242	2.1168	.04100	.00934	2.0038	.04381	.04188
#3	.02280	2.0592	.04078	.01060	1.9690	.04385	.04167

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0379	.20321	.10348	F -.00948	.47093	.03881	.04279
Stddev	.0452	.00073	.00124	.00648	.00366	.00045	.00096
%RSD	2.2171	.36001	1.1971	68.394	.77708	1.1662	2.2447

#1	2.0745	.20247	.10261	-.01182	.47261	.03900	.04209
#2	1.9874	.20393	.10293	-.00215	.46673	.03829	.04240
#3	2.0517	.20324	.10490	-.01447	.47345	.03913	.04389

Sample Name: LLICV01 Acquired: 3/4/2019 11:22:03 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01877	.0193	.01959	F 2.3489	F<.00000
Stddev	.00286	.0008	.00022	.1662	1.3468
%RSD	15.226	4.072	1.1238	7.0771	164.00
#1	.02207	.0198	.01934	2.3477	-1.8931
#2	.01719	.0198	.01974	2.5158	-1.2610
#3	.01705	.0184	.01970	2.1833	.69049
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3773.8	43261.	3623.9	19.003	3331.7
Stddev	1.6	92.	10.8	.736	14.2
%RSD	.04337	.21277	.29811	3.8741	.42475
#1	3774.2	43159.	3612.6	18.808	3347.4
#2	3775.2	43338.	3625.2	18.383	3319.8
#3	3772.0	43286.	3634.1	19.817	3328.1

Sample Name: ICB01 Acquired: 3/4/2019 11:26:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00054	-.00015	-.00075	-.00050	-.00124	-.00051
Stddev	.00192	.00064	.00064	.00170	.00069	.01219	.00454
%RSD	215.78	118.66	432.65	227.01	138.69	979.46	898.31

#1	-.00295	-.00043	.00037	-.00264	-.00082	-.00116	.00163
#2	.00084	-.00122	.00005	.00065	.00030	.01090	.00257
#3	-.00055	.00004	-.00086	-.00025	-.00097	-.01348	-.00572

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00017	-.00132	.00031	-.00029	.00103	-.00047
Stddev	.00004	.00011	.01573	.00021	.00023	.00023	.00104
%RSD	27.391	65.347	1194.3	68.574	81.419	22.117	222.00

#1	.00011	-.00008	.00317	.00054	-.00051	.00117	-.00091
#2	.00018	-.00029	-.01880	.00013	-.00031	.00115	.00072
#3	.00013	-.00013	.01168	.00025	-.00004	.00076	-.00123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.02511	.00063	-.00004	-.03519	-.00041	.00010
Stddev	.00005	.02236	.00053	.00023	.00322	.00016	.00007
%RSD	3629.7	89.035	83.337	580.90	9.1583	38.228	68.068

#1	-.00005	.04297	.00081	-.00015	-.03359	-.00029	.00018
#2	.00006	.03232	.00105	.00022	-.03308	-.00035	.00007
#3	-.00001	.00004	.00004	-.00019	-.03890	-.00058	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01571	.00008	.00029	-.00702	.00106	-.00078	-.00110
Stddev	.02491	.00024	.00532	.00627	.00233	.00069	.00102
%RSD	158.59	291.26	1837.5	89.332	220.18	88.173	92.663

#1	-.00240	-.00008	-.00149	-.00249	.00376	.00001	-.00087
#2	.04411	.00036	-.00391	-.01418	-.00024	-.00120	-.00221
#3	.00540	-.00003	.00627	-.00439	-.00033	-.00114	-.00021

Sample Name: ICB01 Acquired: 3/4/2019 11:26:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00148	.0003	-.00005	F 2.2911	F<.00000
Stddev	.00168	.0003	.00014	.0391	.82471
%RSD	114.09	96.15	264.29	1.7047	51.508

#1	.00264	.0000	-.00013	2.3337	-1.4938
#2	.00224	.0006	.00011	2.2570	-.83533
#3	-.00045	.0003	-.00014	2.2825	-2.4742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3714.1	43116.	3602.8	18.872	3327.1
Stddev	8.4	45.	17.5	2.159	.9
%RSD	.22515	.10349	.48654	11.438	.02698

#1	3711.1	43065.	3582.9	19.833	3326.1
#2	3707.7	43137.	3609.4	20.383	3327.8
#3	3723.5	43147.	3616.1	16.400	3327.4

Sample Name: CRI01 Acquired: 3/4/2019 11:30:56 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01606	.04423	.01375	.01842	.05632	.10601	.09547
Stddev	.00083	.00046	.00066	.00134	.00116	.01040	.00756
%RSD	5.1505	1.0437	4.7849	7.2512	2.0634	9.8072	7.9224

#1	.01563	.04377	.01438	.01988	.05757	.11114	.10362
#2	.01702	.04470	.01381	.01725	.05615	.09405	.09411
#3	.01554	.04423	.01307	.01813	.05526	.11285	.08867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	.00576	2.1125	.01097	.03288	.02181	.10608
Stddev	.00006	.00009	.0047	.00022	.00017	.00055	.00101
%RSD	.87946	1.4894	.22464	1.9965	.53133	2.5443	.95275

#1	.00636	.00584	2.1119	.01073	.03292	.02232	.10572
#2	.00638	.00576	2.1080	.01102	.03303	.02190	.10531
#3	.00647	.00567	2.1175	.01116	.03269	.02122	.10723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02274	2.1225	.04151	.01008	2.0003	.04372	.04210
Stddev	.00014	.0279	.00037	.00062	.0226	.00078	.00029
%RSD	.60089	1.3145	.89561	6.1755	1.1282	1.7807	.69919

#1	.02259	2.0906	.04120	.01044	2.0171	.04413	.04178
#2	.02280	2.1350	.04140	.01043	1.9746	.04282	.04214
#3	.02285	2.1420	.04192	.00936	2.0091	.04421	.04237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9833	.20710	.09547	F -.00213	.46825	.04020	.03947
Stddev	.0276	.00061	.01225	.00250	.00517	.00029	.00118
%RSD	1.3914	.29342	12.836	117.30	1.1045	.72251	2.9888

#1	1.9569	.20651	.08134	-.00478	.46381	.03988	.04075
#2	2.0120	.20772	.10183	.00018	.47393	.04045	.03842
#3	1.9812	.20706	.10324	-.00178	.46702	.04027	.03926

Sample Name: CRI01 Acquired: 3/4/2019 11:30:56 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01903	.0193	.01963	F 2.4538	F<.00000
Stddev	.00034	.0009	.00031	.1097	.64103
%RSD	1.7718	4.596	1.5691	4.4704	58.620
#1	.01942	.0187	.01993	2.5801	-1.5558
#2	.01880	.0203	.01963	2.3992	-.36175
#3	.01886	.0190	.01932	2.3822	-1.3631
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.5	43179.	3665.0	18.875	3308.0
Stddev	11.4	27.	27.7	1.018	5.4
%RSD	.30434	.06170	.75589	5.3950	.16407
#1	3740.8	43170.	3671.4	18.808	3311.9
#2	3718.9	43159.	3634.7	17.892	3301.8
#3	3734.9	43209.	3689.0	19.925	3310.4

Sample Name: ICSA01 Acquired: 3/4/2019 11:35:23 Type: Unk
Method: P4-ICP2(v2905) 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	.00104	.00351	.00273	.00337	-.01000	290.28	-.00250	.00262
Stddev	.00288	.00075	.00063	.00472	.00178	1.76	.00540	.00013
%RSD	278.43	21.410	23.069	140.31	17.826	.60692	216.27	4.8119
#1	.00299	.00285	.00287	.00837	-.00833	288.26	.00062	.00250
#2	.00240	.00433	.00327	-.00101	-.01188	291.53	-.00873	.00275
#3	-.00228	.00334	.00204	.00274	-.00979	291.04	.00062	.00260
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00450	256.44	.05866	-.00041	-.01284	94.667	.01477	274.56
Stddev	.00011	1.47	.00018	.00015	.00015	.371	.00003	1.23
%RSD	2.3592	.57210	.31342	36.438	1.1591	.39156	.23413	.44774
#1	-.00441	254.90	.05847	-.00033	-.01267	94.240	.01473	273.65
#2	-.00462	257.83	.05868	-.00031	-.01296	94.907	.01480	275.96
#3	-.00448	256.58	.05883	-.00058	-.01290	94.853	.01477	274.06
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00989	.00443	.02981	.00138	-.00714	.00980	.00185	-.00793
Stddev	.00108	.00048	.01591	.00016	.00019	.04483	.00041	.00374
%RSD	10.913	10.838	53.360	11.506	2.6226	457.31	22.024	47.147
#1	-.00865	.00498	.03912	.00127	-.00692	-.02907	.00164	-.00409
#2	-.01047	.00406	.01144	.00156	-.00724	.05884	.00232	-.01156
#3	-.01056	.00426	.03888	.00130	-.00726	-.00036	.00159	-.00813
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00591	-.00699	.01191	-.00313	F .02404	-.0004	-.00134	5.3421
Stddev	.03550	.00134	.00109	.00103	.00286	.0012	.00132	.0777
%RSD	601.04	19.151	9.1833	33.035	11.891	296.0	98.568	1.4550
#1	.01748	-.00610	.01163	-.00389	.02242	.0001	-.00278	5.2779
#2	.01155	-.00853	.01099	-.00354	.02734	.0005	-.00018	5.4285
#3	-.04675	-.00634	.01312	-.00195	.02237	-.0017	-.00106	5.3199

Sample Name: ICSA01 Acquired: 3/4/2019 11:35:23 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	209.16
Stddev	2.01
%RSD	.96196

#1	207.96
#2	208.03
#3	211.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.5	38571.	3497.6	17.195	2659.9
Stddev	14.7	71.	11.4	.673	9.3
%RSD	.42488	.18374	.32672	3.9116	.34811

#1	3453.3	38621.	3509.5	17.441	2653.1
#2	3463.8	38601.	3486.7	16.434	2656.2
#3	3482.4	38490.	3496.6	17.710	2670.5

Sample Name: ICSAB01 Acquired: 3/4/2019 11:39:56 Type: Unk
Method: P4-ICP2(v2905) 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	.09887	.11228	.05773	.05180	.61256	260.15	.49967	.55718
Stddev	.00245	.00057	.00078	.00320	.00350	.91	.00345	.00069
%RSD	2.4748	.50423	1.3579	6.1791	.57140	.34983	.69026	.12336
#1	.09615	.11246	.05726	.05389	.60901	261.18	.50279	.55795
#2	.10090	.11274	.05729	.04812	.61601	259.79	.49597	.55662
#3	.09957	.11165	.05863	.05340	.61265	259.47	.50026	.55698
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0501	230.85	.57071	.53623	.47488	85.728	.53217	248.29
Stddev	.0038	.18	.00080	.00105	.00100	.367	.00060	.33
%RSD	.36016	.07985	.13978	.19537	.21100	.42792	.11256	.13304
#1	1.0544	230.90	.57116	.53715	.47425	85.628	.53212	248.66
#2	1.0472	231.01	.57118	.53509	.47437	86.134	.53160	248.15
#3	1.0486	230.65	.56979	.53644	.47604	85.421	.53279	248.05
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0004	.18549	-.00005	.50582	1.0957	.00332	F .25248	F .23179
Stddev	.0019	.00040	.00548	.00146	.0041	.02595	.00034	.00553
%RSD	.19306	.21634	10050.	.28852	.37636	780.77	.13654	2.3841
#1	1.0022	.18570	.00133	.50569	1.0994	-.02488	.25212	.22883
#2	.99838	.18575	-.00610	.50733	1.0964	.00867	.25254	.22838
#3	1.0005	.18503	.00460	.50442	1.0913	.02618	.25280	.23816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .26342	F .22451	F .27720	F .24936	F .30661	F .2800	F .26493	4.4170
Stddev	.02858	.00304	.00143	.00395	.00349	.0029	.00055	.1026
%RSD	10.850	1.3543	.51453	1.5823	1.1398	1.035	.20719	2.3228
#1	.29414	.22542	.27609	.25243	.30882	.2778	.26448	4.5158
#2	.25850	.22699	.27670	.24491	.30843	.2788	.26554	4.3110
#3	.23761	.22111	.27881	.25073	.30258	.2833	.26478	4.4243

Sample Name: ICSAB01 Acquired: 3/4/2019 11:39:56 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	199.03
Stddev	1.36
%RSD	.68556

#1	198.73
#2	200.52
#3	197.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.3	40270.	3664.8	17.141	2669.7
Stddev	10.5	141.	12.7	.377	9.2
%RSD	.28955	.35028	.34652	2.1970	.34293

#1	3598.2	40162.	3661.6	16.755	2659.1
#2	3610.7	40219.	3654.0	17.507	2675.0
#3	3619.0	40430.	3678.8	17.162	2675.0

Sample Name: CCV01 Acquired: 3/4/2019 11:44:15 Type: Unk
Method: P4-ICP2(v2905) 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	5.0630	5.0862	5.0887	5.0995	5.0763	10.224	9.7328	.25560
Stddev	.0363	.0225	.0141	.0289	.0187	.068	.0961	.00064
%RSD	.71675	.44246	.27666	.56577	.36909	.66980	.98724	.25176
#1	5.0676	5.0954	5.0892	5.0858	5.0700	10.147	9.8435	.25515
#2	5.0968	5.0606	5.0744	5.1326	5.0973	10.277	9.6701	.25634
#3	5.0246	5.1027	5.1026	5.0800	5.0615	10.248	9.6849	.25531
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5089	25.012	1.0313	2.5339	1.2259	5.0232	2.5707	25.227
Stddev	.0067	.042	.0038	.0080	.0061	.0429	.0045	.090
%RSD	.26574	.16646	.36678	.31384	.49578	.85491	.17512	.35609
#1	2.5102	25.012	1.0271	2.5324	1.2206	5.0705	2.5663	25.125
#2	2.5017	25.053	1.0344	2.5269	1.2325	4.9868	2.5753	25.293
#3	2.5149	24.970	1.0325	2.5425	1.2247	5.0122	2.5704	25.263
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3946	1.2613	23.843	2.4895	2.4538	24.014	5.0767	4.8723
Stddev	.0062	.0059	.372	.0042	.0081	.310	.0201	.0311
%RSD	.25687	.46871	1.5605	.16924	.33221	1.2924	.39509	.63888
#1	2.4006	1.2629	24.265	2.4872	2.4536	24.363	5.0721	4.9011
#2	2.3883	1.2548	23.561	2.4869	2.4457	23.770	5.0987	4.8764
#3	2.3949	1.2663	23.705	2.4943	2.4620	23.909	5.0594	4.8393
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9301	4.9306	5.0234	5.0390	4.9442	4.999	4.8211	F 4.6737
Stddev	.0333	.0454	.0165	.0101	.0494	.009	.0215	.2846
%RSD	.67451	.92084	.32758	.20090	.99834	.1700	.44553	6.0896
#1	4.9471	4.9828	5.0201	5.0504	4.9988	4.994	4.8454	4.5726
#2	4.8917	4.9088	5.0089	5.0358	4.9027	4.994	4.8045	4.4535
#3	4.9513	4.9002	5.0413	5.0309	4.9311	5.008	4.8134	4.9951

Sample Name: CCV01 Acquired: 3/4/2019 11:44:15 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.8591
 Stddev .2240
 %RSD 12.048

#1 2.1130
 #2 1.7751
 #3 1.6893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.1	41248.	3599.5	17.894	2951.8
Stddev	11.5	110.	33.1	1.037	11.2
%RSD	.31620	.26568	.91835	5.7935	.38107

#1	3636.5	41348.	3561.7	16.721	2949.4
#2	3619.0	41265.	3622.7	18.688	2964.1
#3	3640.7	41131.	3614.2	18.273	2942.0

Sample Name: LLCCV01 Acquired: 3/4/2019 11:48:15 Type: Unk
Method: P4-ICP2(v2905) 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	.02056	.04599	.01276	.01923	.05474	.11076	.09487
Stddev	.00100	.00049	.00130	.00249	.00120	.00871	.00539
%RSD	4.8442	1.0759	10.191	12.924	2.2010	7.8636	5.6774

#1	.02082	.04599	.01150	.01901	.05402	.11791	.09038
#2	.02140	.04550	.01410	.02182	.05406	.11330	.09337
#3	.01946	.04649	.01267	.01686	.05613	.10106	.10084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	.00561	2.1179	.01093	.03290	.02144	.11055
Stddev	.00010	.00008	.0152	.00018	.00025	.00061	.00053
%RSD	1.5681	1.3645	.71729	1.6556	.75830	2.8538	.47756

#1	.00634	.00562	2.1003	.01098	.03284	.02215	.11097
#2	.00627	.00568	2.1259	.01073	.03317	.02110	.11073
#3	.00647	.00553	2.1273	.01109	.03268	.02107	.10996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02280	2.1935	.04094	.01029	1.9678	.04381	.04210
Stddev	.00008	.0521	.00043	.00058	.0243	.00020	.00035
%RSD	.36000	2.3772	1.0476	5.6745	1.2349	.45361	.83909

#1	.02272	2.1341	.04098	.00961	1.9514	.04404	.04192
#2	.02289	2.2144	.04135	.01066	1.9958	.04372	.04251
#3	.02280	2.2319	.04050	.01059	1.9564	.04367	.04188

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0038	.20728	.09894	F -.00145	.47846	.04004	.04338
Stddev	.0097	.00097	.01185	.01222	.00560	.00017	.00126
%RSD	.48477	.46786	11.974	844.94	1.1704	.43014	2.8956

#1	1.9959	.20689	.11053	.00610	.47599	.03999	.04477
#2	2.0147	.20838	.08685	-.01554	.48487	.04023	.04232
#3	2.0009	.20657	.09946	.00510	.47452	.03990	.04306

Sample Name: LLCCV01 Acquired: 3/4/2019 11:48:15 Type: Unk
 Method: P4-ICP2(v2905) 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	.02075	.0191	.01943	F 2.9236	F<.00000
Stddev	.00211	.0005	.00006	.1498	.83515
%RSD	10.164	2.419	.28762	5.1238	61.836
#1	.02303	.0191	.01946	2.8875	-.45632
#2	.02035	.0187	.01946	2.7951	-1.4852
#3	.01887	.0196	.01936	3.0881	-2.1103
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3713.0	42708.	3614.6	17.456	3288.8
Stddev	6.5	30.	13.6	1.619	6.8
%RSD	.17406	.06977	.37501	9.2775	.20787
#1	3719.5	42690.	3614.4	16.267	3292.8
#2	3706.6	42691.	3601.1	19.300	3280.9
#3	3712.8	42742.	3628.2	16.800	3292.8

Sample Name: CCB01 Acquired: 3/4/2019 11:53:12 Type: Unk
 Method: P4-ICP2(v2905) 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	-.00124	-.00042	.00023	-.00083	-.00138	.00548	-.00400
Stddev	.00136	.00110	.00025	.00379	.00140	.01571	.00342
%RSD	109.62	263.93	105.81	454.27	100.85	286.67	85.551

#1	.00005	-.00130	-.00005	.00276	.00022	.01926	-.00580
#2	-.00266	-.00075	.00038	-.00048	-.00204	-.01163	-.00614
#3	-.00111	.00081	.00037	-.00479	-.00233	.00881	-.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00004	-.02089	-.00026	-.00023	.00005	-.00033
Stddev	.00005	.00005	.00975	.00054	.00030	.00032	.00070
%RSD	1254.4	122.66	46.689	208.78	129.52	597.52	211.38

#1	-.00001	-.00000	-.03213	.00017	.00004	-.00013	-.00112
#2	.00006	-.00009	-.01462	-.00086	-.00055	.00042	-.00005
#3	-.00003	-.00002	-.01592	-.00008	-.00018	-.00014	.00019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01984	.00041	.00022	-.04820	-.00016	-.00027
Stddev	.00006	.04426	.00075	.00056	.00434	.00036	.00006
%RSD	429.74	223.11	184.15	252.09	9.0120	216.35	23.669

#1	.00001	.00783	.00092	-.00001	-.05304	-.00021	-.00020
#2	-.00008	-.01718	.00076	-.00019	-.04695	-.00049	-.00031
#3	.00003	.06887	-.00046	.00086	-.04462	.00021	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00842	.00022	.00102	F -.02218	.00155	-.00090	.00134
Stddev	.04083	.00016	.00813	.02349	.00078	.00087	.00099
%RSD	484.79	70.590	799.12	105.92	50.244	97.229	74.000

#1	.03936	.00013	.00786	-.01827	.00245	-.00172	.00128
#2	.02375	.00041	.00316	-.04738	.00117	.00002	.00236
#3	-.03785	.00014	-.00797	-.00089	.00104	-.00100	.00038

Sample Name: CCB01 Acquired: 3/4/2019 11:53:12 Type: Unk
 Method: P4-ICP2(v2905) 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	-.00073	.0005	-.00009	F 3.5667	F<.00000
Stddev	.00236	.0014	.00024	.1976	.22032
%RSD	322.48	257.2	263.70	5.5403	13.412
#1	-.00259	.0001	-.00017	3.7601	-1.7983
#2	.00192	-.0006	.00018	3.5748	-1.7392
#3	-.00152	.0021	-.00029	3.3651	-1.3906
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.4	42216.	3610.5	18.900	3293.7
Stddev	26.9	57.	35.3	.419	35.3
%RSD	.72386	.13604	.97881	2.2151	1.0709
#1	3691.3	42219.	3572.4	19.133	3267.9
#2	3713.2	42157.	3642.2	19.150	3279.3
#3	3744.8	42271.	3617.0	18.417	3333.9

Sample Name: LR CHECK 1 Acquired: 3/4/2019 11:57:57 Type: Unk
Method: P4-ICP2(v2905) 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	-.08562	-.03643	-.10135	-.71100	-.08147	2099.8	-.01089	.06838
Stddev	.00361	.00828	.00610	.01332	.00880	4.7	.00743	.00075
%RSD	4.2132	22.722	6.0147	1.8727	10.803	.22501	68.194	1.0899

#1	-.08192	-.03558	-.09938	-.72412	-.08072	2100.2	-.00410	.06753
#2	-.08912	-.04510	-.10818	-.69750	-.07307	2104.3	-.00976	.06889
#3	-.08583	-.02861	-.09647	-.71138	-.09062	2094.9	-.01882	.06873

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11431	1872.4	-.08573	.10263	-.09388	818.73	-.03271	1946.6
Stddev	.00063	7.5	.00070	.00082	.00355	3.79	.00022	6.4
%RSD	.54788	.39812	.81502	.79788	3.7862	.46266	.67554	.32915

#1	.11501	1867.5	-.08607	.10278	-.09564	819.90	-.03256	1942.4
#2	.11379	1881.0	-.08619	.10336	-.09622	821.80	-.03296	1954.0
#3	.11415	1868.8	-.08492	.10175	-.08979	814.50	-.03260	1943.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06191	-.01444	1900.3	.01584	.33793	1078.7	-.00866	-1.6752
Stddev	.00422	.00059	8.1	.00116	.00109	8.0	.00090	.0261
%RSD	6.8114	4.1171	.42726	7.3403	.32118	.74527	10.362	1.5598

#1	-.06651	-.01430	1896.6	.01709	.33849	1082.9	-.00772	-1.6493
#2	-.06099	-.01392	1909.6	.01478	.33668	1083.8	-.00874	-1.7015
#3	-.05823	-.01509	1894.7	.01566	.33862	1069.5	-.00951	-1.6749

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.19778	-.02161	.11905	-.07156	.21130	.0319	-.88848	.85383
Stddev	.04940	.00359	.00177	.00279	.00077	.0018	.00412	.28697
%RSD	24.976	16.597	1.4853	3.9018	.36645	5.537	.46326	33.610

#1	-.21342	-.02017	.11912	-.06855	.21214	.0338	-.88972	.92238
#2	-.23746	-.01898	.12079	-.07205	.21115	.0314	-.89184	1.1003
#3	-.14245	-.02570	.11725	-.07407	.21061	.0304	-.88389	.53880

Sample Name: LR CHECK 1 Acquired: 3/4/2019 11:57:57 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3767.0
 Stddev 8.3
 %RSD .21942

#1 3775.3
 #2 3758.8
 #3 3766.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.6	29429.	3128.1	16.347	1504.2
Stddev	1.6	74.	13.5	.253	1.5
%RSD	.06140	.25314	.43219	1.5504	.10246

#1	2683.5	29375.	3134.1	16.637	1505.9
#2	2683.5	29398.	3112.6	16.167	1503.3
#3	2680.7	29514.	3137.6	16.237	1503.3

Sample Name: LR CHECK 2 Acquired: 3/4/2019 12:02:54 Type: Unk
Method: P4-ICP2(v2905) 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	-.00620	-.01629	229.20	.02540	-.08445	-.30023	101.89	-.00104
Stddev	.00254	.00204	1.12	.00032	.00205	.00359	.77	.00008
%RSD	40.999	12.494	.48829	1.2767	2.4335	1.1950	.75239	7.4718

#1	-.00695	-.01394	230.49	.02503	-.08672	-.29630	102.33	-.00095
#2	-.00828	-.01744	228.51	.02562	-.08272	-.30107	102.34	-.00108
#3	-.00337	-.01749	228.60	.02556	-.08389	-.30333	101.01	-.00109

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01478	.28156	-.12988	-.00088	260.30	-.77218	46.462	-.11600
Stddev	.00023	.01789	.00075	.00022	1.11	.00344	.550	.05812
%RSD	1.5844	6.3557	.57453	25.031	.42511	.44494	1.1830	50.097

#1	-.01492	.30158	-.13057	-.00065	261.34	-.76942	46.395	-.08889
#2	-.01451	.27597	-.12998	-.00109	260.42	-.77110	47.043	-.07640
#3	-.01491	.26712	-.12909	-.00089	259.14	-.77603	45.949	-.18272

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.107	.00571	1.3126	-.07617	37.368	1.0276	-.00456	-.00958
Stddev	.164	.00079	.0675	.00046	.143	.0902	.00034	.00591
%RSD	.31378	13.922	5.1451	.60453	.38236	8.7763	7.3622	61.663

#1	52.275	.00479	1.3780	-.07669	37.526	1.1012	-.00492	-.00755
#2	51.948	.00618	1.3167	-.07581	37.246	1.0545	-.00426	-.00496
#3	52.099	.00615	1.2431	-.07602	37.333	.92699	-.00452	-.01624

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05272	.01340	.00508	.01626	.00130	-3.622	.00299	4.3856
Stddev	.01384	.00051	.00100	.00283	.00279	.027	.00010	.3965
%RSD	26.247	3.7731	19.630	17.427	214.52	.7536	3.2458	9.0414

#1	-.05536	.01391	.00394	.01841	-.00192	-3.629	.00290	4.6901
#2	-.06504	.01340	.00552	.01733	.00288	-3.644	.00309	4.5294
#3	-.03775	.01290	.00579	.01305	.00294	-3.591	.00296	3.9372

Sample Name: LR CHECK 2 Acquired: 3/4/2019 12:02:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.8938
%RSD	9.2355

#1	-20.805
#2	-18.480
#3	-22.232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.8	42555.	3631.3	15.342	2919.0
Stddev	23.9	343.	56.9	1.064	14.9
%RSD	.67462	.80639	1.5665	6.9355	.51063

#1	3511.9	42259.	3597.6	15.791	2903.1
#2	3542.4	42476.	3599.4	14.127	2921.4
#3	3558.9	42931.	3697.0	16.108	2932.7

Sample Name: K1645-03DL2X100 Acquired: 3/4/2019 12:08:15 Type: Unk
Method: P4-ICP2(v2905) 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	-.00152	-.00070	.00933	.00003	-.00232	1.4090	-.00587	.00032
Stddev	.00143	.00139	.00040	.00211	.00061	.0088	.00237	.00012
%RSD	93.988	199.59	4.3050	6621.4	26.448	.62651	40.382	37.579

#1	-.00082	-.00197	.00971	.00053	-.00194	1.4093	-.00329	.00034
#2	-.00058	-.00090	.00936	.00184	-.00303	1.4176	-.00796	.00044
#3	-.00317	.00078	.00891	-.00228	-.00200	1.4000	-.00637	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	.26113	1.0785	.00574	.08344	8.0439	.13625	.29487
Stddev	.00014	.02083	.0007	.00026	.00014	.0323	.00064	.01909
%RSD	21.936	7.9778	.06252	4.5556	.16327	.40170	.46865	6.4723

#1	-.00080	.24201	1.0781	.00552	.08359	8.0796	.13672	.31574
#2	-.00058	.25805	1.0793	.00567	.08332	8.0356	.13651	.27831
#3	-.00054	.28334	1.0781	.00603	.08341	8.0166	.13552	.29057

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82181	.00125	.38858	.00542	.01963	.26652	.16478	-.00240
Stddev	.00217	.00042	.00961	.00041	.00013	.01811	.00062	.01470
%RSD	.26447	33.330	2.4742	7.5185	.65761	6.7940	.37884	612.11

#1	.82242	.00173	.38375	.00589	.01968	.24598	.16483	.01433
#2	.81940	.00100	.39965	.00527	.01949	.27342	.16413	-.00831
#3	.82362	.00102	.38233	.00512	.01973	.28017	.16538	-.01322

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01122	.03092	.00358	.01901	.00295	.0525	-.00733	2.4905
Stddev	.00257	.00184	.00030	.00137	.00214	.0003	.00004	.1086
%RSD	22.927	5.9519	8.3814	7.2269	72.576	.6401	.57533	4.3603

#1	.01130	.02880	.00329	.02041	.00049	.0521	-.00736	2.5925
#2	.00860	.03215	.00356	.01896	.00401	.0526	-.00734	2.3763
#3	.01374	.03180	.00389	.01767	.00436	.0527	-.00728	2.5028

Sample Name: K1645-03DL2X100 Acquired: 3/4/2019 12:08:15 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.317
 Stddev .506
 %RSD 3.3043

#1 15.861
 #2 15.230
 #3 14.860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.9	43608.	3801.6	19.578	3319.2
Stddev	9.4	139.	35.5	.387	7.5
%RSD	.24977	.31901	.93400	1.9766	.22640

#1	3787.1	43484.	3768.1	19.225	3323.7
#2	3789.6	43581.	3797.7	19.992	3323.4
#3	3772.1	43758.	3838.8	19.517	3310.5

Sample Name: K1627-05DLX10 Acquired: 3/4/2019 12:12:38 Type: Unk
Method: P4-ICP2(v2905) 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	.00052	-.05708	.05154	-.00993	-.00554	39.856	1.2080	.00227
Stddev	.00499	.00250	.00045	.00191	.00133	.134	.0146	.00003
%RSD	959.08	4.3754	.87540	19.209	23.993	.33566	1.2112	1.4758
#1	.00502	-.05973	.05205	-.01197	-.00498	39.786	1.2001	.00228
#2	.00138	-.05675	.05135	-.00965	-.00459	40.011	1.1990	.00229
#3	-.00485	-.05477	.05121	-.00818	-.00706	39.772	1.2249	.00223
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00349	18.956	.27321	.03640	.16066	68.257	.78117	37.616
Stddev	.00018	.172	.00056	.00016	.00157	.748	.00046	.389
%RSD	5.2000	.90823	.20467	.44841	.97430	1.0955	.05849	1.0342
#1	-.00369	18.887	.27321	.03636	.15900	68.000	.78121	37.205
#2	-.00344	18.828	.27376	.03626	.16211	67.671	.78069	37.667
#3	-.00334	19.151	.27264	.03658	.16088	69.099	.78161	37.978
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11895	.00716	.56650	.15997	.24237	28.331	.00396	.00845
Stddev	.00070	.00084	.01404	.00025	.00026	.172	.00029	.00960
%RSD	.58880	11.715	2.4785	.15332	.10613	.60609	7.4194	113.69
#1	.11862	.00621	.56228	.15979	.24267	28.257	.00428	.00366
#2	.11975	.00749	.58216	.16025	.24226	28.209	.00387	.01950
#3	.11847	.00779	.55505	.15987	.24219	28.528	.00372	.00217
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61215	.16293	.01204	6.0023	.04588	4.255	.01137	2.3426
Stddev	.00630	.00116	.00071	.0125	.00059	.009	.00081	.2039
%RSD	1.0287	.71267	5.9114	.20769	1.2881	.2147	7.0974	8.7051
#1	.61743	.16265	.01134	5.9923	.04631	4.262	.01145	2.3816
#2	.61384	.16193	.01277	5.9983	.04612	4.245	.01214	2.1220
#3	.60518	.16420	.01201	6.0163	.04521	4.259	.01053	2.5241

Sample Name: K1627-05DLX10 Acquired: 3/4/2019 12:12:38 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 149.90
 Stddev 2.37
 %RSD 1.5824

#1 147.79
 #2 152.47
 #3 149.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.4	43143.	3747.7	19.865	3047.4
Stddev	22.2	51.	39.5	1.087	5.2
%RSD	.59300	.11710	1.0532	5.4719	.16908

#1	3717.7	43113.	3754.2	19.819	3041.7
#2	3748.9	43201.	3783.6	18.802	3048.8
#3	3760.6	43115.	3705.4	20.974	3051.8

Sample Name: K1627-08DLX10 Acquired: 3/4/2019 12:16:53 Type: Unk
Method: P4-ICP2(v2905) 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	.00657	-.00784	.80235	-.01164	-.00399	25.648	.30051	.00342
Stddev	.00357	.00128	.00264	.00205	.00144	.140	.00369	.00010
%RSD	54.349	16.302	.32954	17.604	35.981	.54393	1.2272	3.0674
#1	.00667	-.00915	.79938	-.01089	-.00247	25.560	.29643	.00330
#2	.00295	-.00777	.80443	-.01007	-.00419	25.576	.30359	.00345
#3	.01008	-.00660	.80325	-.01396	-.00532	25.809	.30152	.00350
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00398	25.402	.14704	.60872	1.2806	86.335	.94126	12.666
Stddev	.00017	.101	.00060	.00094	.0032	.383	.00230	.050
%RSD	4.2333	.39667	.40870	.15485	.25215	.44325	.24444	.39598
#1	-.00418	25.367	.14690	.60767	1.2769	86.490	.94329	12.618
#2	-.00391	25.515	.14652	.60901	1.2830	86.616	.93876	12.662
#3	-.00387	25.323	.14770	.60948	1.2818	85.900	.94174	12.718
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03373	.00736	.86760	.07808	10.746	2.7951	.07688	.02400
Stddev	.00128	.00069	.00212	.00050	.027	.0233	.00036	.00212
%RSD	3.7807	9.4289	.24396	.64098	.25084	.83404	.46761	8.8361
#1	.03373	.00737	.86855	.07811	10.755	2.7815	.07649	.02590
#2	.03500	.00666	.86907	.07857	10.767	2.8221	.07694	.02171
#3	.03245	.00805	.86517	.07757	10.715	2.7818	.07720	.02440
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2570	.20330	.36112	.84394	.02212	1.000	-.01356	1.6266
Stddev	.0086	.00318	.00096	.00074	.00101	.004	.00046	.1372
%RSD	.68608	1.5637	.26585	.08723	4.5622	.4227	3.4157	8.4368
#1	1.2669	.20207	.36102	.84414	.02120	1.000	-.01403	1.6281
#2	1.2525	.20692	.36022	.84313	.02196	.9957	-.01353	1.7631
#3	1.2515	.20093	.36213	.84456	.02320	1.004	-.01311	1.4887

Sample Name: K1627-08DLX10 Acquired: 3/4/2019 12:16:53 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 194.14
Stddev	1.63
%RSD	.83785

#1	193.70
#2	192.78
#3	195.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.3	43731.	3805.9	20.808	3123.4
Stddev	8.1	38.	24.8	.160	12.4
%RSD	.21452	.08721	.65214	.76721	.39565

#1	3786.7	43692.	3790.7	20.992	3114.7
#2	3773.0	43769.	3792.5	20.733	3118.0
#3	3787.3	43733.	3834.5	20.700	3137.6

Sample Name: K1675-01 Acquired: 3/4/2019 12:21:08 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-11-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	.01852	-.01165	.42272	-.01783	-.00732	77.204	.42363	.00713
Stddev	.00226	.00068	.00333	.00157	.00178	.159	.00137	.00029
%RSD	12.182	5.8094	.78819	8.8098	24.256	.20565	.32446	3.9998
#1	.01636	-.01241	.42057	-.01627	-.00678	77.219	.42275	.00684
#2	.01834	-.01113	.42103	-.01941	-.00931	77.354	.42522	.00715
#3	.02086	-.01140	.42656	-.01782	-.00588	77.038	.42292	.00741
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	10.072	.08473	.06221	.18297	116.60	3.5124	22.097
Stddev	.00009	.067	.00007	.00049	.00025	.38	.0040	.096
%RSD	1.9925	.66480	.08351	.78615	.13785	.32924	.11251	.43664
#1	-.00423	10.111	.08473	.06182	.18312	117.03	3.5103	22.191
#2	-.00440	10.111	.08465	.06206	.18268	116.43	3.5100	21.998
#3	-.00428	9.9951	.08480	.06276	.18311	116.32	3.5170	22.103
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09346	.00923	.66877	.14629	.54068	5.7185	.00130	.00983
Stddev	.00198	.00005	.01797	.00171	.00197	.0103	.00013	.01267
%RSD	2.1144	.49137	2.6873	1.1718	.36391	.18001	10.323	128.89
#1	.09129	.00920	.65647	.14778	.54030	5.7209	.00139	.01633
#2	.09392	.00920	.68940	.14667	.53892	5.7274	.00115	.01793
#3	.09516	.00928	.66046	.14442	.54280	5.7073	.00136	-.00477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36809	1.4283	.01705	1.2735	.09322	3.316	-.06461	<.00000
Stddev	.00922	.0183	.00125	.0039	.00114	.020	.00071	.33508
%RSD	2.5057	1.2818	7.3358	.30352	1.2233	.6121	1.1033	33.241
#1	.35753	1.4490	.01625	1.2718	.09223	3.303	-.06542	-1.3157
#2	.37456	1.4217	.01640	1.2707	.09446	3.306	-.06409	-1.0573
#3	.37219	1.4142	.01849	1.2779	.09296	3.340	-.06431	-.65103

Sample Name: K1675-01 Acquired: 3/4/2019 12:21:08 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-11-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 308.59
Stddev	4.60
%RSD	1.4921

#1	310.75
#2	311.73
#3	303.31

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4072.5	47117.	4170.5	19.517	3097.6
Stddev	3.9	42.	23.4	1.113	9.6
%RSD	.09581	.08842	.56228	5.7022	.31118

#1	4073.9	47123.	4143.5	20.144	3100.4
#2	4075.5	47155.	4182.2	20.176	3105.6
#3	4068.1	47072.	4185.8	18.232	3086.9

Sample Name: K1675-01DUP Acquired: 3/4/2019 12:25:22 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-11-ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01792	-.01246	.43302	-.01691	-.00600	77.464	.43064	.00706
Stddev	.00290	.00199	.00213	.00303	.00193	.301	.01163	.00012
%RSD	16.174	15.952	.49114	17.914	32.146	.38858	2.7010	1.7330
#1	.01562	-.01036	.43263	-.01451	-.00822	77.194	.44130	.00694
#2	.01697	-.01431	.43112	-.02032	-.00469	77.408	.43240	.00706
#3	.02118	-.01272	.43532	-.01592	-.00510	77.789	.41823	.00718
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00416	10.247	.08437	.06250	.18467	116.60	3.5323	22.094
Stddev	.00021	.092	.00109	.00004	.00141	1.38	.0106	.216
%RSD	5.0190	.89594	1.2869	.05866	.76151	1.1802	.29992	.97755
#1	-.00431	10.347	.08316	.06246	.18346	118.03	3.5257	21.969
#2	-.00426	10.228	.08526	.06252	.18621	116.49	3.5267	22.344
#3	-.00392	10.167	.08468	.06252	.18433	115.28	3.5445	21.970
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09286	.00906	.63826	.14522	.54795	5.6636	.00081	.01456
Stddev	.00058	.00068	.00751	.00091	.00321	.0219	.00010	.00233
%RSD	.62770	7.5475	1.1771	.62714	.58509	.38694	11.735	16.011
#1	.09230	.00979	.62991	.14594	.54556	5.6606	.00081	.01725
#2	.09346	.00894	.64039	.14420	.54668	5.6869	.00072	.01338
#3	.09280	.00844	.64448	.14554	.55159	5.6434	.00091	.01306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37140	1.3927	.01686	1.2861	.09188	3.345	-.06387	<.00000
Stddev	.01257	.0157	.00070	.0042	.00137	.013	.00116	.28968
%RSD	3.3849	1.1288	4.1432	.32264	1.4858	.3798	1.8185	167.95
#1	.37991	1.4064	.01636	1.2909	.09079	3.343	-.06512	-.15780
#2	.37734	1.3962	.01656	1.2838	.09341	3.333	-.06366	-.46921
#3	.35696	1.3755	.01766	1.2836	.09143	3.359	-.06282	.10959

Sample Name: K1675-01DUP Acquired: 3/4/2019 12:25:22 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-11-ADUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 306.70
Stddev .72
%RSD .23632

#1 307.44
#2 306.68
#3 305.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.5	46957.	4182.6	19.590	3084.0
Stddev	2.3	209.	46.1	.531	9.2
%RSD	.05768	.44487	1.1022	2.7097	.29690

#1	4054.1	47040.	4134.2	19.305	3082.6
#2	4052.3	47111.	4187.6	19.263	3093.8
#3	4057.0	46719.	4226.0	20.203	3075.6

Sample Name: K1675-01LX5 Acquired: 3/4/2019 12:29:37 Type: Unk
Method: P4-ICP2(v2905) 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	.00275	-.00358	.09095	-.00453	-.00270	17.113	.08401	.00162
Stddev	.00385	.00147	.00183	.00440	.00189	.092	.00397	.00009
%RSD	140.12	41.045	2.0088	97.122	69.978	.53609	4.7235	5.7928

#1	.00113	-.00217	.09275	-.00132	-.00425	17.218	.08184	.00153
#2	.00714	-.00348	.09101	-.00954	-.00325	17.046	.08159	.00162
#3	-.00003	-.00510	.08910	-.00272	-.00060	17.075	.08859	.00172

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	2.3189	.01879	.01300	.04308	28.548	.81077	4.9914
Stddev	.00001	.0208	.00034	.00010	.00070	.352	.00212	.0783
%RSD	.66579	.89874	1.7932	.80688	1.6213	1.2328	.26103	1.5695

#1	-.00152	2.3132	.01877	.01289	.04335	28.263	.81320	5.0081
#2	-.00153	2.3015	.01847	.01303	.04228	28.439	.80978	4.9061
#3	-.00154	2.3420	.01914	.01309	.04360	28.941	.80934	5.0601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01946	.00260	.15149	.03296	.11294	1.3289	.00034	.00331
Stddev	.00059	.00029	.00344	.00038	.00069	.0145	.00011	.00803
%RSD	3.0569	11.142	2.2680	1.1491	.61021	1.0932	32.491	242.67

#1	.01950	.00267	.15458	.03338	.11333	1.3285	.00046	.00543
#2	.02003	.00285	.14779	.03265	.11334	1.3436	.00031	-.00557
#3	.01884	.00228	.15210	.03286	.11214	1.3145	.00025	.01007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06686	.33004	.00312	.28735	.01907	.6949	-.01695	2.4241
Stddev	.02092	.00304	.00066	.00111	.00102	.0041	.00050	.2463
%RSD	31.287	.91996	21.200	.38491	5.3681	.5921	2.9384	10.159

#1	.09093	.33279	.00388	.28641	.01824	.6996	-.01650	2.2060
#2	.05652	.32678	.00275	.28707	.01875	.6925	-.01687	2.3749
#3	.05312	.33054	.00272	.28857	.02021	.6924	-.01749	2.6912

Sample Name: K1675-01LX5 Acquired: 3/4/2019 12:29:37 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	63.102
Stddev	.408
%RSD	.64679

#1	62.782
#2	63.562
#3	62.963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.9	43940.	3863.5	18.281	3232.6
Stddev	12.4	254.	40.6	1.275	23.8
%RSD	.32425	.57803	1.0497	6.9757	.73657

#1	3810.7	43647.	3899.2	18.875	3210.3
#2	3833.0	44086.	3871.8	16.817	3229.9
#3	3831.2	44088.	3819.4	19.150	3257.6

Sample Name: K1675-01MS Acquired: 3/4/2019 12:33:59 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-11-AMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77447	2.1077	1.6047	1.8138	.21830	91.613	.70297	.20385
Stddev	.00092	.0024	.0041	.0050	.00328	.253	.00768	.00046
%RSD	.11941	.11302	.25789	.27625	1.5029	.27593	1.0926	.22667
#1	.77340	2.1093	1.6095	1.8156	.22148	91.880	.69420	.20400
#2	.77496	2.1050	1.6021	1.8081	.21492	91.378	.70619	.20333
#3	.77504	2.1089	1.6024	1.8176	.21849	91.581	.70851	.20421
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20375	11.170	.48604	.28510	.46921	115.19	3.8290	26.383
Stddev	.00057	.055	.00132	.00054	.00189	.60	.0082	.023
%RSD	.27793	.48816	.27088	.18935	.40252	.52220	.21421	.08728
#1	.20406	11.126	.48737	.28522	.46794	114.52	3.8355	26.374
#2	.20310	11.154	.48603	.28451	.46831	115.35	3.8198	26.365
#3	.20410	11.231	.48474	.28557	.47138	115.69	3.8316	26.408
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59738	.07485	3.5079	.42561	.81641	15.598	.36814	.25006
Stddev	.00089	.00087	.0161	.00087	.00133	.046	.00175	.00718
%RSD	.14969	1.1580	.45849	.20514	.16241	.29441	.47496	2.8721
#1	.59645	.07398	3.5005	.42460	.81635	15.556	.36612	.24260
#2	.59823	.07487	3.4969	.42613	.81512	15.591	.36913	.25692
#3	.59747	.07571	3.5264	.42609	.81777	15.647	.36917	.25064
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39555	2.7146	.70095	1.4568	.31230	9.633	.11613	.71310
Stddev	.00869	.0184	.00088	.0104	.00250	.007	.00098	.14796
%RSD	2.1973	.67623	.12491	.71737	.80031	.0689	.84018	20.749
#1	.40415	2.6941	.70019	1.4613	.31246	9.639	.11669	.87521
#2	.39573	2.7203	.70191	1.4448	.30972	9.626	.11501	.67879
#3	.38677	2.7295	.70075	1.4642	.31472	9.632	.11670	.58531

Sample Name: K1675-01MS Acquired: 3/4/2019 12:33:59 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-11-AMS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 310.29
Stddev	2.02
%RSD	.65157

#1	309.65
#2	312.56
#3	308.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4071.8	46675.	4144.8	18.858	3040.3
Stddev	8.1	132.	18.8	1.144	5.8
%RSD	.19857	.28236	.45284	6.0664	.19195

#1	4080.2	46525.	4164.8	17.658	3038.6
#2	4070.9	46729.	4142.1	19.936	3046.8
#3	4064.1	46772.	4127.5	18.979	3035.5

Sample Name: K1675-01MSD Acquired: 3/4/2019 12:38:03 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-11-AMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76597	2.1113	1.6332	1.7953	.21452	95.033	.69369	.20361
Stddev	.00281	.0046	.0035	.0073	.00159	.462	.00638	.00008
%RSD	.36729	.21576	.21670	.40838	.74026	.48580	.92018	.03739
#1	.76465	2.1165	1.6371	1.7894	.21633	94.515	.68716	.20353
#2	.76920	2.1090	1.6301	1.8035	.21337	95.182	.69992	.20361
#3	.76405	2.1083	1.6325	1.7931	.21385	95.401	.69399	.20368
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20435	10.804	.48697	.28950	.46303	114.98	3.9758	27.822
Stddev	.00022	.089	.00037	.00118	.00171	.48	.0050	.269
%RSD	.10763	.82792	.07579	.40715	.36861	.41419	.12639	.96571
#1	.20460	10.784	.48670	.28999	.46368	115.05	3.9701	27.644
#2	.20417	10.726	.48739	.28816	.46431	114.48	3.9780	27.691
#3	.20429	10.902	.48682	.29037	.46109	115.43	3.9795	28.131
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59989	.07498	3.4596	.42909	.83233	16.224	.36535	.24552
Stddev	.00074	.00005	.0525	.00482	.00385	.158	.00147	.00660
%RSD	.12360	.06412	1.5181	1.1240	.46290	.97501	.40196	2.6895
#1	.59906	.07494	3.4031	.42930	.83467	16.042	.36576	.24301
#2	.60049	.07504	3.5068	.43380	.82788	16.330	.36657	.24055
#3	.60013	.07498	3.4690	.42416	.83443	16.299	.36372	.25302
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39738	3.8480	.70099	1.5271	.31380	9.578	.11325	.67458
Stddev	.00777	.0122	.00491	.0136	.00431	.008	.00252	.28334
%RSD	1.9560	.31741	.70025	.89127	1.3734	.0854	2.2288	42.002
#1	.39084	3.8617	.70056	1.5115	.31005	9.578	.11034	.75440
#2	.39531	3.8442	.69631	1.5364	.31850	9.569	.11486	.35990
#3	.40597	3.8382	.70610	1.5335	.31284	9.586	.11455	.90945

Sample Name: K1675-01MSD Acquired: 3/4/2019 12:38:03 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-11-AMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 322.91
Stddev	1.21
%RSD	.37624

#1	323.89
#2	321.55
#3	323.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4084.5	46879.	4232.1	19.429	3028.1
Stddev	2.7	68.	14.3	1.029	10.9
%RSD	.06725	.14577	.33763	5.2944	.35959

#1	4082.7	46923.	4224.1	19.782	3029.0
#2	4083.2	46913.	4248.6	18.271	3038.5
#3	4087.7	46800.	4223.6	20.235	3016.8

Sample Name: CCV02 Acquired: 3/4/2019 12:42:07 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14625 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2135	5.2930	5.3235	5.2498	5.2826	10.684	9.7588	.26356
Stddev	.0162	.0092	.0166	.0126	.0166	.150	.0530	.00090
%RSD	.31068	.17429	.31183	.23919	.31457	1.4077	.54344	.34140
#1	5.1949	5.2868	5.3047	5.2400	5.2634	10.551	9.8162	.26418
#2	5.2244	5.2887	5.3362	5.2639	5.2934	10.655	9.7116	.26252
#3	5.2211	5.3036	5.3297	5.2455	5.2908	10.847	9.7486	.26396
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5957	25.035	1.0553	2.6425	1.2041	4.9557	2.6325	25.405
Stddev	.0047	.145	.0080	.0071	.0019	.0316	.0175	.079
%RSD	.18237	.57812	.75525	.26703	.15327	.63726	.66486	.30988
#1	2.5904	24.901	1.0573	2.6344	1.2031	4.9886	2.6247	25.407
#2	2.5970	25.016	1.0466	2.6472	1.2030	4.9256	2.6202	25.482
#3	2.5996	25.189	1.0622	2.6459	1.2062	4.9530	2.6525	25.325
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3752	1.2804	23.715	2.5176	2.4762	23.883	5.2150	4.8261
Stddev	.0017	.0073	.141	.0146	.0085	.065	.0108	.0268
%RSD	.07150	.57042	.59588	.57922	.34377	.27103	.20712	.55528
#1	2.3771	1.2826	23.811	2.5228	2.4670	23.937	5.2031	4.8146
#2	2.3739	1.2723	23.553	2.5011	2.4778	23.812	5.2178	4.8069
#3	2.3745	1.2864	23.781	2.5289	2.4838	23.902	5.2241	4.8567
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1317	4.9334	5.2023	5.1106	4.9844	5.196	4.7278	4.9978
Stddev	.0152	.0407	.0147	.0185	.0312	.004	.0028	.2713
%RSD	.29529	.82409	.28195	.36102	.62600	.0863	.05962	5.4282
#1	5.1384	4.9724	5.1859	5.1072	5.0086	5.193	4.7303	4.9005
#2	5.1423	4.8913	5.2142	5.0941	4.9492	5.201	4.7247	4.7885
#3	5.1143	4.9367	5.2068	5.1305	4.9955	5.195	4.7282	5.3043

Sample Name: CCV02 Acquired: 3/4/2019 12:42:07 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14625 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.5589
 Stddev .9686
 %RSD 37.852

#1 1.4996
 #2 3.3995
 #3 2.7777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.0	41309.	3751.4	18.485	2931.8
Stddev	3.4	219.	26.9	1.077	2.9
%RSD	.09439	.53008	.71740	5.8270	.09969

#1	3650.2	41311.	3720.4	17.361	2928.6
#2	3652.1	41527.	3765.3	19.508	2934.2
#3	3656.9	41089.	3768.5	18.585	2932.7

Sample Name: CCB02 Acquired: 3/4/2019 12:46:07 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14625 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	-.00125	-.00078	-.00150	-.00056	.00604	-.01071
Stddev	.00054	.00083	.00030	.00298	.00143	.01552	.01260
%RSD	49.717	66.054	38.351	198.82	254.40	256.77	117.64

#1	-.00152	-.00190	-.00104	-.00476	.00016	-.00622	.00305
#2	-.00128	-.00032	-.00045	.00106	-.00221	.00086	-.02170
#3	-.00048	-.00154	-.00084	-.00079	.00036	.02349	-.01349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00008	-.01820	-.00006	-.00002	-.00030	-.00054
Stddev	.00008	.00003	.01639	.00027	.00031	.00135	.00119
%RSD	104.02	31.084	90.068	444.93	1322.1	455.65	218.54

#1	.00000	-.00005	-.00163	-.00037	.00027	-.00155	.00055
#2	.00006	-.00010	-.01857	.00009	-.00035	-.00047	-.00038
#3	.00016	-.00010	-.03441	.00010	.00001	.00113	-.00181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.03183	.00048	.00046	-.00942	.00009	.00015
Stddev	.00006	.04701	.00038	.00029	.00949	.00033	.00002
%RSD	464.26	147.69	78.658	63.528	100.68	380.51	14.785

#1	-.00007	-.02042	.00079	.00023	-.01939	.00046	.00015
#2	.00005	.04521	.00006	.00079	-.00837	-.00004	.00013
#3	-.00001	.07070	.00060	.00035	-.00051	-.00016	.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09732	.00033	.00470	F -.01713	.00230	-.00097	.00132
Stddev	.05013	.00041	.00254	.00976	.00104	.00036	.00116
%RSD	51.506	123.89	53.968	56.994	45.086	37.396	87.956

#1	.07687	.00058	.00663	-.01704	.00234	-.00065	.00005
#2	.15444	-.00014	.00183	-.00741	.00332	-.00136	.00233
#3	.06066	.00054	.00565	-.02694	.00124	-.00090	.00159

Sample Name: CCB02 Acquired: 3/4/2019 12:46:07 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14625 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00278	-0.0002	.00007	F 3.1619	F<.00000
Stddev	.00174	.0016	.00002	.4848	1.2936
%RSD	62.724	671.5	28.750	15.333	123.85

#1	-0.00333	.0014	.00008	3.6292	.44499
#2	-0.00083	-0.0018	.00007	3.1951	-1.8865
#3	-0.00418	-0.0004	.00004	2.6613	-1.6920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.0	42893.	3735.7	19.278	3322.0
Stddev	3.1	197.	18.6	.779	16.0
%RSD	.08371	.45826	.49887	4.0423	.48148

#1	3706.7	42678.	3714.2	18.492	3340.1
#2	3704.1	42938.	3745.4	20.050	3309.6
#3	3710.3	43063.	3747.6	19.292	3316.3

Sample Name: K1675-01A Acquired: 3/4/2019 12:50:36 Type: Unk

Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA7986 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77451	2.1340	1.6483	1.8105	.21826	94.354	.69451	.20488
Stddev	.00397	.0114	.0028	.0059	.00057	.188	.01311	.00047
%RSD	.51222	.53513	.17076	.32704	.26164	.19927	1.8871	.23021
#1	.77531	2.1411	1.6457	1.8037	.21844	94.564	.69833	.20541
#2	.77802	2.1401	1.6480	1.8137	.21871	94.298	.67992	.20452
#3	.77020	2.1208	1.6513	1.8141	.21761	94.200	.70528	.20470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20650	11.000	.49006	.29145	.46080	114.86	3.9425	27.246
Stddev	.00035	.175	.00363	.00044	.00122	1.61	.0095	.409
%RSD	.17120	1.5952	.74160	.14995	.26370	1.3987	.24066	1.5013
#1	.20666	11.069	.49423	.29189	.46201	116.07	3.9521	27.371
#2	.20676	10.800	.48845	.29102	.45958	113.03	3.9422	26.789
#3	.20610	11.130	.48752	.29145	.46081	115.46	3.9332	27.578
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59540	.07526	3.4630	.42880	.82941	15.906	.36803	.24887
Stddev	.00145	.00119	.0351	.00175	.00154	.111	.00066	.01014
%RSD	.24376	1.5792	1.0140	.40775	.18515	.69985	.17882	4.0736
#1	.59621	.07650	3.4698	.43079	.83105	15.946	.36743	.25412
#2	.59626	.07414	3.4250	.42806	.82920	15.780	.36791	.23719
#3	.59372	.07513	3.4943	.42753	.82800	15.992	.36873	.25531
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39842	3.3834	.70982	1.5046	.31283	9.722	.11376	1.0855
Stddev	.01459	.0644	.00184	.0071	.00430	.013	.00132	.3875
%RSD	3.6620	1.9026	.25974	.47321	1.3733	.1319	1.1566	35.697
#1	.38826	3.4195	.71021	1.5008	.31420	9.729	.11262	1.5084
#2	.39186	3.3091	.70781	1.5002	.30802	9.730	.11345	1.0006
#3	.41514	3.4216	.71143	1.5128	.31628	9.708	.11520	.74751

Sample Name: K1675-01A Acquired: 3/4/2019 12:50:36 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7986 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 322.37
Stddev	1.62
%RSD	.50321

#1	323.84
#2	320.63
#3	322.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4071.0	46664.	4221.2	18.756	3009.9
Stddev	3.0	278.	57.3	.571	8.1
%RSD	.07258	.59471	1.3567	3.0455	.26957

#1	4072.4	46390.	4180.2	18.219	3000.8
#2	4073.1	46659.	4286.7	19.356	3016.5
#3	4067.7	46945.	4196.8	18.691	3012.4

Sample Name: K1675-05 Acquired: 3/4/2019 12:54:41 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-11-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	.01323	-.01362	.11925	-.01782	-.00804	78.606	.32042	.00728
Stddev	.00313	.00135	.00126	.00453	.00164	.275	.00470	.00004
%RSD	23.633	9.9198	1.0568	25.415	20.409	.34981	1.4677	.55775
#1	.01217	-.01305	.11799	-.01887	-.00941	78.371	.31697	.00728
#2	.01078	-.01265	.12051	-.01286	-.00622	78.539	.32578	.00723
#3	.01675	-.01516	.11927	-.02174	-.00849	78.908	.31852	.00732
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00445	8.3390	.08127	.06479	.15409	118.64	4.4153	21.672
Stddev	.00012	.0113	.00072	.00021	.00094	.41	.0057	.080
%RSD	2.7172	.13566	.88659	.31760	.60926	.34733	.12899	.36700
#1	-.00459	8.3520	.08109	.06468	.15307	118.68	4.4203	21.596
#2	-.00441	8.3326	.08065	.06503	.15430	119.03	4.4091	21.667
#3	-.00435	8.3323	.08206	.06466	.15491	118.21	4.4164	21.754
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09141	.00966	.54126	.13813	.43492	6.1668	.00064	.01561
Stddev	.00058	.00051	.01132	.00079	.00140	.0251	.00028	.00689
%RSD	.63236	5.2312	2.0907	.56915	.32293	.40703	43.382	44.146
#1	.09163	.00977	.52903	.13860	.43447	6.1925	.00069	.00770
#2	.09184	.01010	.54337	.13722	.43379	6.1423	.00090	.02030
#3	.09075	.00911	.55136	.13857	.43649	6.1657	.00035	.01883
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21641	6.6690	.00967	1.3528	.09173	3.638	-.08525	.75696
Stddev	.00440	.0113	.00048	.0030	.00183	.009	.00062	.06381
%RSD	2.0354	.16925	5.0114	.22428	1.9980	.2473	.73159	8.4300
#1	.22079	6.6820	.00917	1.3563	.08979	3.628	-.08560	.74319
#2	.21644	6.6634	.01013	1.3511	.09343	3.646	-.08562	.70116
#3	.21198	6.6617	.00970	1.3510	.09198	3.641	-.08453	.82654

Sample Name: K1675-05 Acquired: 3/4/2019 12:54:41 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-11-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 320.18
 Stddev 1.90
 %RSD .59448

#1 319.84
 #2 318.47
 #3 322.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4033.6	46410.	4182.0	19.364	3064.2
Stddev	6.5	52.	18.3	1.369	23.5
%RSD	.16136	.11137	.43786	7.0700	.76840

#1	4041.1	46402.	4176.1	17.881	3091.3
#2	4029.4	46363.	4167.4	19.632	3052.3
#3	4030.3	46465.	4202.6	20.579	3048.9

Sample Name: K1675-09 Acquired: 3/4/2019 12:59:00 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-1-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	.01853	-.01175	.63444	-.01970	-.00975	71.654	.41119	.00742
Stddev	.00141	.00094	.00225	.00294	.00165	.294	.00157	.00022
%RSD	7.5966	8.0189	.35512	14.925	16.889	.41077	.38093	2.9901
#1	.01843	-.01196	.63671	-.01885	-.00797	71.357	.41244	.00729
#2	.01718	-.01256	.63442	-.02297	-.01006	71.946	.41169	.00768
#3	.01999	-.01072	.63220	-.01728	-.01121	71.660	.40943	.00730
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	39.846	.11380	.06176	.14645	113.07	3.8343	26.423
Stddev	.00011	.116	.00020	.00042	.00055	1.01	.0088	.211
%RSD	3.1400	.28991	.17644	.67841	.37321	.89411	.22908	.79987
#1	-.00349	39.853	.11369	.06187	.14583	113.09	3.8385	26.371
#2	-.00363	39.727	.11403	.06130	.14687	112.05	3.8401	26.243
#3	-.00372	39.958	.11368	.06212	.14664	114.08	3.8242	26.656
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10761	.00976	.59418	.14358	.50311	6.2792	.00142	.01696
Stddev	.00050	.00025	.00494	.00112	.00109	.0079	.00018	.00828
%RSD	.46528	2.5564	.83059	.78215	.21737	.12639	12.389	48.832
#1	.10705	.00948	.59925	.14243	.50395	6.2786	.00133	.02364
#2	.10775	.00985	.58939	.14467	.50351	6.2716	.00162	.01953
#3	.10802	.00996	.59391	.14364	.50187	6.2874	.00130	.00769
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3017	1.0732	.08161	1.1955	.10046	4.521	.02307	1.5794
Stddev	.0148	.0080	.00186	.0038	.00164	.008	.00035	.3344
%RSD	1.1396	.74717	2.2835	.31919	1.6315	.1687	1.5067	21.173
#1	1.2896	1.0647	.08088	1.1912	.10161	4.527	.02298	1.6658
#2	1.2972	1.0740	.08373	1.1966	.10118	4.512	.02345	1.2103
#3	1.3183	1.0807	.08023	1.1986	.09858	4.524	.02277	1.8621

Sample Name: K1675-09 Acquired: 3/4/2019 12:59:00 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-1-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 307.12
Stddev	.99
%RSD	.32253

#1	306.36
#2	308.24
#3	306.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3929.5	45271.	4157.3	19.338	3004.9
Stddev	4.5	31.	22.6	1.982	5.7
%RSD	.11535	.06895	.54432	10.247	.19115

#1	3933.8	45282.	4154.3	17.966	3001.2
#2	3924.8	45295.	4181.3	21.610	3002.0
#3	3929.8	45236.	4136.3	18.437	3011.5

Sample Name: K1675-11 Acquired: 3/4/2019 13:03:16 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-1-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	.02395	-.01196	1.0867	-.02380	-.00987	81.729	.56368	.00789
Stddev	.00552	.00258	.0045	.00122	.00069	.057	.00554	.00005
%RSD	23.035	21.545	.41589	5.1330	7.0202	.06968	.98243	.61149
#1	.03029	-.00991	1.0830	-.02521	-.00917	81.701	.55905	.00784
#2	.02123	-.01486	1.0918	-.02318	-.01056	81.794	.56218	.00793
#3	.02031	-.01112	1.0854	-.02302	-.00987	81.691	.56982	.00792
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00360	90.723	.11054	.06931	.21436	122.09	3.8883	31.320
Stddev	.00005	.410	.00153	.00018	.00163	.63	.0101	.031
%RSD	1.4458	.45226	1.3850	.26085	.75938	.52000	.26112	.09994
#1	-.00356	90.405	.11053	.06934	.21324	122.32	3.9000	31.337
#2	-.00357	90.577	.10901	.06947	.21623	121.37	3.8819	31.284
#3	-.00366	91.186	.11208	.06911	.21361	122.57	3.8830	31.340
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10656	.01020	.71359	.16545	.79165	7.0006	.00195	.02545
Stddev	.00116	.00009	.01056	.00215	.00441	.0649	.00017	.00558
%RSD	1.0879	.92497	1.4792	1.3025	.55716	.92763	8.8405	21.907
#1	.10789	.01011	.71806	.16596	.79670	7.0572	.00201	.03187
#2	.10597	.01018	.72118	.16308	.78853	7.0150	.00176	.02184
#3	.10581	.01030	.70154	.16730	.78973	6.9297	.00209	.02264
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3720	2.3341	.02876	1.3071	.12079	5.031	.10897	1.6979
Stddev	.0162	.0375	.00062	.0031	.00282	.009	.00159	.4362
%RSD	.68327	1.6075	2.1461	.23887	2.3342	.1847	1.4572	25.693
#1	2.3700	2.3151	.02935	1.3037	.11885	5.041	.10974	2.0684
#2	2.3891	2.3098	.02812	1.3077	.11950	5.024	.11003	1.8082
#3	2.3569	2.3773	.02880	1.3098	.12403	5.028	.10714	1.2171

Sample Name: K1675-11 Acquired: 3/4/2019 13:03:16 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-1-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 330.47
Stddev	7.12
%RSD	2.1542

#1	325.68
#2	327.08
#3	338.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.9	44301.	4095.2	17.753	2929.8
Stddev	2.5	44.	20.7	1.900	11.4
%RSD	.06363	.10007	.50460	10.703	.38897

#1	3853.1	44249.	4093.9	19.924	2917.5
#2	3857.6	44325.	4116.5	16.389	2940.1
#3	3857.0	44327.	4075.2	16.948	2931.8

Sample Name: K1675-13 Acquired: 3/4/2019 13:07:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-2-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	.03858	-.01426	2.1882	-.02847	-.00962	81.979	.98800	.00803
Stddev	.00239	.00134	.0109	.00304	.00058	.468	.00297	.00011
%RSD	6.1910	9.3707	.49755	10.672	6.0402	.57115	.30020	1.3247
#1	.03888	-.01393	2.1985	-.02806	-.00910	81.725	.98566	.00799
#2	.04080	-.01312	2.1892	-.02566	-.00951	81.692	.98699	.00795
#3	.03605	-.01573	2.1768	-.03170	-.01024	82.519	.99133	.00815
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00386	61.700	.10166	.06793	.19283	146.26	3.6344	27.942
Stddev	.00022	.201	.00037	.00037	.00229	.56	.0064	.125
%RSD	5.8170	.32578	.36360	.54710	1.1884	.38618	.17585	.44784
#1	-.00412	61.665	.10209	.06829	.19424	146.12	3.6389	27.906
#2	-.00369	61.519	.10149	.06797	.19407	146.88	3.6372	27.838
#3	-.00379	61.916	.10142	.06755	.19019	145.78	3.6271	28.081
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10290	.01209	.82197	.16796	1.1220	6.5914	.00158	.00367
Stddev	.00137	.00029	.00815	.00104	.0041	.0219	.00033	.00775
%RSD	1.3279	2.3626	.99161	.61766	.36363	.33250	20.572	211.26
#1	.10406	.01209	.82933	.16825	1.1265	6.5765	.00178	.00885
#2	.10325	.01237	.81321	.16882	1.1186	6.5810	.00176	.00740
#3	.10139	.01180	.82336	.16681	1.1210	6.6165	.00121	-.00524
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4684	2.2340	.29030	1.3366	.10813	4.452	.02329	1.5432
Stddev	.0080	.0040	.00164	.0068	.00089	.029	.00053	.2451
%RSD	.54464	.17867	.56616	.50907	.81874	.6575	2.2891	15.884
#1	1.4692	2.2311	.29165	1.3295	.10879	4.484	.02271	1.2602
#2	1.4760	2.2323	.29079	1.3431	.10846	4.445	.02343	1.6821
#3	1.4601	2.2385	.28847	1.3372	.10712	4.427	.02375	1.6873

Sample Name: K1675-13 Acquired: 3/4/2019 13:07:29 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-2-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 406.64
 Stddev 1.65
 %RSD .40691

#1 405.71
 #2 408.55
 #3 405.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.8	44656.	4110.5	18.067	2935.5
Stddev	15.7	85.	7.2	.472	8.2
%RSD	.40371	.19028	.17609	2.6135	.28093

#1	3889.0	44698.	4102.9	18.432	2927.7
#2	3910.1	44713.	4111.4	18.235	2944.1
#3	3879.4	44559.	4117.3	17.533	2934.6

Sample Name: K1675-15 Acquired: 3/4/2019 13:11:51 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-2-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	.02922	-.01414	2.6044	-.02228	-.00862	92.958	.85784	.00805
Stddev	.00158	.00153	.0024	.00403	.00053	.223	.00833	.00013
%RSD	5.4029	10.842	.09242	18.086	6.0914	.23937	.97140	1.6076
#1	.02993	-.01519	2.6068	-.01866	-.00817	92.844	.86672	.00798
#2	.03033	-.01486	2.6044	-.02662	-.00920	93.215	.85018	.00796
#3	.02742	-.01238	2.6020	-.02157	-.00850	92.816	.85663	.00820
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00362	73.364	.30218	.07401	.18635	128.06	3.6842	33.352
Stddev	.00020	.659	.00071	.00038	.00077	1.08	.0069	.064
%RSD	5.5823	.89805	.23367	.51950	.41403	.84415	.18638	.19133
#1	-.00374	73.857	.30217	.07443	.18658	128.93	3.6914	33.342
#2	-.00338	72.616	.30148	.07394	.18549	126.85	3.6778	33.294
#3	-.00373	73.620	.30289	.07367	.18698	128.41	3.6834	33.420
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11429	.01092	.92052	.18189	.84079	8.0329	.00166	.01071
Stddev	.00053	.00053	.01015	.00173	.00311	.0228	.00028	.00258
%RSD	.46189	4.8693	1.1028	.95156	.36941	.28391	16.761	24.118
#1	.11379	.01105	.93180	.18182	.84175	8.0554	.00196	.00877
#2	.11484	.01034	.91765	.18019	.84330	8.0333	.00161	.00972
#3	.11423	.01138	.91211	.18365	.83731	8.0098	.00141	.01364
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1364	3.1835	.03897	1.5009	.13697	4.465	.06105	1.6799
Stddev	.0313	.0345	.00061	.0059	.00290	.010	.00168	.1435
%RSD	1.4663	1.0834	1.5755	.39485	2.1152	.2257	2.7580	8.5446
#1	2.1445	3.2026	.03848	1.5070	.13479	4.477	.05940	1.6145
#2	2.1018	3.1437	.03966	1.4952	.14026	4.459	.06277	1.8445
#3	2.1629	3.2042	.03877	1.5005	.13587	4.460	.06098	1.5808

Sample Name: K1675-15 Acquired: 3/4/2019 13:11:51 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-2-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 353.89
Stddev 1.30
%RSD .36691

#1 354.41
#2 352.41
#3 354.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.5	44589.	4112.9	19.680	2911.9
Stddev	9.5	144.	36.4	.836	13.6
%RSD	.24464	.32221	.88409	4.2472	.46576

#1	3868.0	44517.	4076.1	19.073	2898.9
#2	3886.4	44496.	4148.8	20.633	2910.8
#3	3881.2	44755.	4113.8	19.335	2926.0

Sample Name: K1675-17 Acquired: 3/4/2019 13:16:04 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-4-A-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	.09342	-.04338	8.6265	-.04547	-.00593	142.96	2.7447	.01327
Stddev	.00260	.00227	.0355	.00463	.00168	.65	.0428	.00021
%RSD	2.7843	5.2432	.41120	10.177	28.320	.45523	1.5586	1.5731
#1	.09298	-.04291	8.6674	-.04154	-.00656	142.74	2.7929	.01316
#2	.09622	-.04586	8.6039	-.05057	-.00719	143.70	2.7112	.01351
#3	.09107	-.04138	8.6083	-.04429	-.00402	142.45	2.7300	.01314
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00923	140.60	.17433	.13313	1.0232	182.90	4.4179	58.036
Stddev	.00040	1.93	.00178	.00071	.0044	3.42	.0109	.748
%RSD	4.3104	1.3692	1.0227	.53695	.42648	1.8676	.24757	1.2886
#1	.00878	142.80	.17614	.13384	1.0198	186.84	4.4117	58.822
#2	.00954	139.22	.17428	.13241	1.0217	180.72	4.4305	57.333
#3	.00938	139.79	.17258	.13316	1.0281	181.14	4.4115	57.953
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22514	.01806	3.3918	.41734	4.0403	12.228	.00506	-.02341
Stddev	.00206	.00024	.0802	.00208	.0138	.191	.00060	.00227
%RSD	.91617	1.3487	2.3651	.49904	.34187	1.5603	11.895	9.7020
#1	.22511	.01807	3.4836	.41956	4.0562	12.418	.00553	-.02501
#2	.22309	.01781	3.3353	.41543	4.0316	12.037	.00527	-.02081
#3	.22722	.01830	3.3565	.41702	4.0331	12.228	.00438	-.02442
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8707	2.7246	.19145	4.2255	.23807	F 12.02	.48201	<.00000
Stddev	.0587	.0644	.00177	.0271	.00273	.01	.00466	.46035
%RSD	1.2057	2.3617	.92358	.64216	1.1474	.1245	.96758	33.487
#1	4.9124	2.7953	.19285	4.2443	.24080	12.01	.48717	-1.6454
#2	4.8962	2.6695	.18946	4.1944	.23807	12.04	.47810	-.84316
#3	4.8035	2.7091	.19204	4.2377	.23533	12.02	.48075	-1.6355

Sample Name: K1675-17 Acquired: 3/4/2019 13:16:04 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-4-A-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 652.75
Stddev 10.07
%RSD 1.5431

#1 664.03
#2 649.56
#3 644.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4104.2	47391.	4551.4	19.622	2768.2
Stddev	6.1	185.	83.0	.667	9.6
%RSD	.14932	.39085	1.8235	3.3997	.34532

#1	4101.2	47358.	4458.3	18.855	2757.2
#2	4111.2	47224.	4617.5	20.069	2774.9
#3	4100.1	47590.	4578.5	19.942	2772.4

Sample Name: K1675-23 Acquired: 3/4/2019 13:20:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-12-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	.05206	-.01673	.26673	-.03393	-.01144	122.10	.52876	.01092
Stddev	.00214	.00172	.00038	.00247	.00106	.39	.01376	.00009
%RSD	4.1188	10.282	.14327	7.2784	9.2855	.31880	2.6018	.84371
#1	.05448	-.01828	.26690	-.03142	-.01055	122.42	.54038	.01101
#2	.05041	-.01702	.26700	-.03402	-.01262	121.67	.53232	.01082
#3	.05129	-.01488	.26630	-.03636	-.01117	122.21	.51357	.01093
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00414	9.2614	.12628	.09247	.28200	159.67	5.0446	33.990
Stddev	.00027	.1105	.00162	.00007	.00153	1.58	.0097	.294
%RSD	6.4765	1.1930	1.2804	.07647	.54355	.99181	.19141	.86544
#1	-.00405	9.3500	.12784	.09250	.28223	159.70	5.0415	34.292
#2	-.00444	9.2966	.12461	.09253	.28037	161.24	5.0369	33.705
#3	-.00392	9.1376	.12639	.09240	.28341	158.07	5.0554	33.973
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13744	.01291	.75249	.21249	.69136	8.8239	.00443	-.00830
Stddev	.00097	.00058	.01081	.00189	.00199	.0330	.00032	.00368
%RSD	.70574	4.5140	1.4360	.88721	.28832	.37428	7.2197	44.354
#1	.13839	.01242	.75062	.21435	.69013	8.8156	.00461	-.01057
#2	.13748	.01355	.76411	.21058	.69366	8.8603	.00462	-.01028
#3	.13646	.01274	.74274	.21255	.69029	8.7958	.00406	-.00405
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44919	2.2892	.02058	1.6969	.15387	5.408	-.11291	.34368
Stddev	.00990	.0333	.00051	.0132	.00293	.011	.00213	.29300
%RSD	2.2036	1.4556	2.4913	.77967	1.9012	.2117	1.8874	85.255
#1	.44489	2.3159	.02063	1.6832	.15058	5.417	-.11339	.00538
#2	.46052	2.2999	.02107	1.7096	.15485	5.412	-.11476	.50888
#3	.44218	2.2519	.02005	1.6981	.15618	5.395	-.11058	.51678

Sample Name: K1675-23 Acquired: 3/4/2019 13:20:29 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-12-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 484.47
Stddev	5.83
%RSD	1.2024

#1	491.10
#2	482.18
#3	480.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.8	45898.	4297.0	19.244	2962.6
Stddev	2.2	41.	42.1	1.464	9.5
%RSD	.05492	.08839	.98062	7.6065	.32027

#1	4012.4	45938.	4293.3	17.617	2965.0
#2	4012.7	45900.	4256.8	20.454	2952.1
#3	4016.3	45857.	4340.8	19.661	2970.6

Sample Name: K1675-27 Acquired: 3/4/2019 13:25:00 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-12-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	.01241	-.01787	.22517	-.02526	-.00876	83.860	.64366	.01004
Stddev	.00286	.00197	.00109	.00524	.00234	.664	.00129	.00009
%RSD	23.030	11.048	.48318	20.761	26.675	.79167	.20052	.87547
#1	.00964	-.01963	.22408	-.02593	-.00731	83.100	.64367	.00994
#2	.01535	-.01574	.22518	-.01972	-.00751	84.327	.64236	.01010
#3	.01224	-.01825	.22626	-.03014	-.01146	84.152	.64495	.01009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00423	14.190	.11950	.09936	.31508	136.55	5.3921	30.081
Stddev	.00017	.105	.00168	.00076	.00255	1.06	.0093	.202
%RSD	4.0876	.74047	1.4019	.76534	.80938	.77889	.17186	.67161
#1	-.00442	14.149	.11823	.09999	.31796	137.76	5.3827	29.884
#2	-.00408	14.112	.12140	.09852	.31414	135.79	5.4013	30.071
#3	-.00419	14.310	.11886	.09958	.31313	136.09	5.3924	30.288
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11624	.01150	.77641	.18205	.44292	10.060	.00091	.00854
Stddev	.00040	.00031	.01397	.00349	.00241	.048	.00009	.00817
%RSD	.34464	2.6609	1.7998	1.9167	.54367	.47879	9.6712	95.629
#1	.11647	.01178	.78444	.17929	.44428	10.066	.00084	.01795
#2	.11578	.01117	.76027	.18597	.44434	10.010	.00100	.00322
#3	.11648	.01155	.78451	.18088	.44014	10.105	.00087	.00446
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28751	3.1586	.01432	1.7500	.12745	5.238	-.08220	.83300
Stddev	.00449	.0118	.00051	.0092	.00179	.018	.00153	.27322
%RSD	1.5607	.37409	3.5537	.52494	1.4017	.3493	1.8633	32.799
#1	.29194	3.1629	.01459	1.7455	.12859	5.218	-.08396	.60759
#2	.28762	3.1677	.01373	1.7440	.12837	5.244	-.08143	.75455
#3	.28297	3.1452	.01463	1.7606	.12539	5.253	-.08120	1.1369

Sample Name: K1675-27 Acquired: 3/4/2019 13:25:00 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-12-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 401.69
Stddev	1.63
%RSD	.40627

#1	399.86
#2	403.02
#3	402.18

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3991.8	45982.	4273.6	19.379	2984.5
Stddev	8.6	254.	8.0	.637	9.3
%RSD	.21470	.55157	.18635	3.2848	.31015

#1	3982.0	46264.	4266.0	19.364	2984.3
#2	3997.3	45774.	4281.9	18.750	2993.9
#3	3996.2	45907.	4272.8	20.023	2975.4

Sample Name: K1675-29 Acquired: 3/4/2019 13:29:21 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-13-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	.03280	-.01007	.71168	-.02422	-.00988	86.440	.36782	.00646
Stddev	.00321	.00041	.00393	.00394	.00072	1.108	.00844	.00015
%RSD	9.8021	4.0751	.55161	16.269	7.2473	1.2822	2.2941	2.3087
#1	.03304	-.01037	.70908	-.02876	-.00996	85.286	.37567	.00632
#2	.02947	-.00961	.70976	-.02205	-.00913	86.536	.36888	.00662
#3	.03588	-.01024	.71620	-.02183	-.01056	87.496	.35890	.00643
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	14.960	.09561	.06574	.16142	118.17	4.5678	23.141
Stddev	.00008	.250	.00172	.00012	.00206	1.70	.0428	.161
%RSD	2.7886	1.6737	1.7954	.17687	1.2756	1.4379	.93807	.69598
#1	-.00303	15.169	.09363	.06580	.15928	119.45	4.5363	23.301
#2	-.00307	15.028	.09656	.06581	.16339	118.83	4.5505	23.143
#3	-.00291	14.683	.09664	.06560	.16160	116.24	4.6166	22.979
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09562	.00992	.41247	.15331	.70685	5.9806	.00159	.00299
Stddev	.00111	.00141	.00821	.00257	.00055	.0166	.00033	.01351
%RSD	1.1557	14.203	1.9901	1.6741	.07848	.27734	20.602	452.51
#1	.09622	.01136	.41857	.15036	.70732	5.9737	.00159	.00883
#2	.09435	.00855	.41570	.15451	.70699	5.9996	.00127	.01260
#3	.09630	.00984	.40314	.15506	.70623	5.9686	.00192	-.01247
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23892	1.9054	.01673	1.0606	.10336	5.846	-.03433	2.9815
Stddev	.02795	.0392	.00190	.0059	.00016	.005	.00170	.5071
%RSD	11.699	2.0563	11.356	.55495	.15625	.0807	4.9660	17.008
#1	.20921	1.9212	.01816	1.0628	.10350	5.842	-.03525	2.8634
#2	.24286	1.9343	.01745	1.0539	.10341	5.851	-.03538	2.5438
#3	.26469	1.8608	.01457	1.0651	.10319	5.844	-.03237	3.5372

Sample Name: K1675-29 Acquired: 3/4/2019 13:29:21 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-13-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 322.79
Stddev 3.38
%RSD 1.0471

#1 320.78
#2 326.69
#3 320.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.9	43372.	4101.8	19.232	3007.6
Stddev	5.7	424.	68.3	1.117	6.7
%RSD	.15050	.97814	1.6649	5.8064	.22391

#1	3776.5	43780.	4050.9	18.591	3000.5
#2	3785.0	43404.	4075.0	18.584	3008.4
#3	3787.3	42933.	4179.4	20.522	3013.9

Sample Name: CCV03 Acquired: 3/4/2019 13:33:37 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14626 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2460	5.3165	5.4027	5.2938	5.3483	10.662	9.7274	.26370
Stddev	.0217	.0272	.0222	.0143	.0040	.059	.0165	.00057
%RSD	.41335	.51123	.41112	.26925	.07458	.55325	.16955	.21506
#1	5.2233	5.2899	5.3908	5.2817	5.3437	10.683	9.7274	.26432
#2	5.2665	5.3155	5.3890	5.3095	5.3499	10.708	9.7440	.26320
#3	5.2483	5.3442	5.4283	5.2902	5.3512	10.595	9.7110	.26359
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6120	24.542	1.0500	2.6776	1.1640	4.9372	2.6238	26.022
Stddev	.0091	.089	.0068	.0108	.0058	.0349	.0053	.102
%RSD	.34933	.36267	.64451	.40266	.49683	.70665	.20267	.39313
#1	2.6018	24.507	1.0478	2.6665	1.1630	4.9051	2.6243	25.966
#2	2.6149	24.644	1.0577	2.6783	1.1702	4.9744	2.6288	25.960
#3	2.6193	24.477	1.0447	2.6880	1.1588	4.9322	2.6182	26.140
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3793	1.2524	24.035	2.5243	2.4411	23.942	5.2458	4.6825
Stddev	.0042	.0088	.056	.0044	.0084	.024	.0236	.0227
%RSD	.17500	.70135	.23441	.17274	.34314	.10155	.44888	.48499
#1	2.3764	1.2462	24.045	2.5215	2.4315	23.969	5.2233	4.6695
#2	2.3841	1.2625	24.086	2.5293	2.4452	23.934	5.2703	4.7088
#3	2.3776	1.2487	23.975	2.5220	2.4466	23.922	5.2439	4.6693
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1694	4.8436	5.2132	5.0818	4.9126	5.240	F 4.4794	5.4624
Stddev	.0218	.0060	.0199	.0174	.0057	.016	.0070	.2994
%RSD	.42164	.12462	.38214	.34137	.11559	.3011	.15743	5.4805
#1	5.1694	4.8411	5.1903	5.0837	4.9100	5.226	4.4804	5.3545
#2	5.1476	4.8392	5.2269	5.0636	4.9192	5.237	4.4719	5.8007
#3	5.1912	4.8505	5.2223	5.0981	4.9088	5.257	4.4859	5.2318

Sample Name: CCV03 Acquired: 3/4/2019 13:33:37 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14626 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6721
Stddev	1.4136
%RSD	52.902

#1	2.9552
#2	1.1384
#3	3.9227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3588.1	40994.	3816.1	18.426	2864.6
Stddev	15.0	178.	4.9	.530	3.6
%RSD	.41753	.43313	.12907	2.8786	.12658

#1	3586.7	40986.	3821.7	18.894	2867.5
#2	3573.8	40820.	3814.2	17.850	2860.6
#3	3603.7	41175.	3812.4	18.535	2865.9

Sample Name: CCB03 Acquired: 3/4/2019 13:37:35 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14626 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00102	-.00095	-.00067	.00061	-.00308	-.02048
Stddev	.00022	.00213	.00207	.00129	.00125	.00124	.00159
%RSD	12.378	209.00	217.20	192.42	203.89	40.254	7.7820

#1	-.00196	.00033	-.00028	-.00047	.00195	-.00451	-.02177
#2	-.00183	.00009	-.00327	.00051	.00040	-.00240	-.01870
#3	-.00153	-.00347	.00070	-.00205	-.00052	-.00232	-.02097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00008	.00553	.00038	-.00007	.00124	-.00191
Stddev	.00014	.00013	.01847	.00061	.00019	.00048	.00035
%RSD	134.40	158.19	334.01	159.92	280.25	38.627	18.292

#1	.00025	.00007	.02334	-.00025	-.00022	.00168	-.00156
#2	-.00003	-.00016	.00677	.00097	-.00013	.00129	-.00191
#3	.00010	-.00015	-.01353	.00042	.00015	.00073	-.00226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00267	.00022	.00003	-.03100	-.00028	-.00011
Stddev	.00001	.03732	.00050	.00019	.02355	.00024	.00004
%RSD	17.411	1397.7	223.92	625.82	75.962	84.206	35.341

#1	.00006	-.03108	-.00018	.00024	-.00433	-.00016	-.00007
#2	.00008	-.00365	.00078	-.00003	-.04892	-.00013	-.00014
#3	.00008	.04275	.00006	-.00012	-.03974	-.00056	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12045	.00037	.00271	F -.01886	.00556	-.00023	-.00005
Stddev	.01760	.00021	.00710	.00513	.00372	.00050	.00229
%RSD	14.608	56.897	262.27	27.207	66.886	220.02	4405.7

#1	.13072	.00041	.01087	-.02447	.00797	-.00060	.00220
#2	.10014	.00057	-.00081	-.01771	.00742	-.00043	.00002
#3	.13050	.00015	-.00194	-.01440	.00128	.00034	-.00237

Sample Name: CCB03 Acquired: 3/4/2019 13:37:35 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14626 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00266	.0005	-.00014	F 3.6343	F<.00000
Stddev	.00240	.0002	.00010	.2667	.65030
%RSD	90.183	37.35	74.674	7.3394	28.232
#1	-.00540	.0006	-.00002	3.7167	-2.9613
#2	-.00096	.0006	-.00019	3.3361	-2.2880
#3	-.00161	.0003	-.00021	3.8500	-1.6610
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.4	42592.	3848.5	18.778	3243.3
Stddev	9.8	137.	14.5	2.208	3.6
%RSD	.26583	.32230	.37702	11.760	.11066
#1	3657.3	42471.	3863.9	20.483	3246.4
#2	3672.7	42741.	3846.6	19.567	3239.4
#3	3675.3	42563.	3835.1	16.283	3244.1

Sample Name: K1675-33 Acquired: 3/4/2019 13:42:04 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-13-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	.01538	-.01212	.26826	-.02554	-.01143	80.238	.34175	.00753
Stddev	.00197	.00216	.00118	.00096	.00073	.168	.00804	.00019
%RSD	12.806	17.830	.43932	3.7722	6.3510	.20981	2.3520	2.4845
#1	.01335	-.01452	.26862	-.02443	-.01088	80.388	.34254	.00773
#2	.01551	-.01149	.26694	-.02623	-.01116	80.270	.34936	.00735
#3	.01728	-.01034	.26922	-.02594	-.01225	80.056	.33334	.00751
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00370	12.016	.09640	.07111	.19376	125.57	6.6279	24.449
Stddev	.00027	.216	.00130	.00034	.00075	2.08	.0445	.204
%RSD	7.2976	1.7951	1.3475	.47833	.38575	1.6591	.67130	.83473
#1	-.00393	12.007	.09790	.07074	.19431	125.40	6.6786	24.598
#2	-.00377	12.236	.09579	.07142	.19406	127.74	6.5955	24.532
#3	-.00340	11.804	.09553	.07117	.19290	123.58	6.6096	24.216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09952	.01158	.63106	.15202	.39024	7.1777	.00256	.00936
Stddev	.00073	.00028	.01911	.00144	.00133	.0471	.00025	.00876
%RSD	.73102	2.3916	3.0275	.94694	.33980	.65647	9.8215	93.576
#1	.10016	.01130	.64480	.15360	.39019	7.1802	.00244	.00169
#2	.09873	.01185	.63912	.15078	.38894	7.2236	.00239	.01892
#3	.09967	.01160	.60924	.15168	.39159	7.1294	.00285	.00748
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13686	1.3085	.00969	1.2566	.10807	4.273	-.05929	1.2051
Stddev	.00166	.0212	.00035	.0031	.00174	.005	.00177	.3304
%RSD	1.2102	1.6221	3.6024	.24651	1.6144	.1236	2.9908	27.417
#1	.13871	1.3082	.00961	1.2539	.10883	4.278	-.05935	.88244
#2	.13550	1.3299	.00939	1.2600	.10930	4.274	-.06103	1.5427
#3	.13639	1.2875	.01008	1.2559	.10607	4.267	-.05748	1.1901

Sample Name: K1675-33 Acquired: 3/4/2019 13:42:04 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-13-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 356.16
Stddev	1.97
%RSD	.55252

#1	358.39
#2	355.46
#3	354.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3916.7	45333.	4222.0	19.740	2987.8
Stddev	2.8	94.	66.9	.608	3.3
%RSD	.07102	.20763	1.5834	3.0779	.11066

#1	3915.7	45225.	4222.8	19.851	2990.3
#2	3914.5	45398.	4154.8	19.084	2984.0
#3	3919.8	45376.	4288.5	20.284	2989.0

Sample Name: K1675-37 Acquired: 3/4/2019 13:46:30 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-14-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	.03229	-.01092	1.1090	-.02431	-.01174	77.907	.58258	.00638
Stddev	.00114	.00155	.0057	.00372	.00137	.455	.00443	.00006
%RSD	3.5226	14.167	.51211	15.311	11.634	.58391	.75956	.89828
#1	.03182	-.01164	1.1055	-.02148	-.01038	78.265	.58499	.00635
#2	.03145	-.00915	1.1060	-.02853	-.01311	78.059	.58529	.00644
#3	.03358	-.01198	1.1156	-.02292	-.01173	77.395	.57748	.00633
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	36.452	.09608	.06049	.17361	107.71	3.6273	24.994
Stddev	.00022	.273	.00026	.00030	.00163	.98	.0185	.043
%RSD	11.619	.74810	.26720	.49513	.93623	.91308	.50872	.17253
#1	-.00203	36.353	.09622	.06015	.17174	107.84	3.6474	25.027
#2	-.00203	36.761	.09624	.06059	.17444	108.63	3.6236	24.945
#3	-.00165	36.243	.09579	.06071	.17465	106.67	3.6110	25.010
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09498	.01015	3.6945	.13303	.59014	6.7664	.00110	.01910
Stddev	.00026	.00034	.0274	.00097	.00618	.0340	.00006	.00268
%RSD	.27533	3.3727	.74044	.73156	1.0478	.50272	5.6520	14.017
#1	.09513	.00978	3.7257	.13413	.59699	6.7378	.00116	.01602
#2	.09513	.01046	3.6749	.13265	.58848	6.7575	.00111	.02087
#3	.09468	.01022	3.6828	.13230	.58496	6.8040	.00104	.02040
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5760	2.0205	.02503	1.1253	.09725	4.670	.04625	1.9764
Stddev	.0196	.0240	.00033	.0014	.00038	.011	.00182	.2749
%RSD	1.2408	1.1880	1.3218	.12868	.39123	.2437	3.9456	13.910
#1	1.5621	2.0162	.02473	1.1261	.09769	4.667	.04663	2.1904
#2	1.5984	2.0464	.02539	1.1263	.09705	4.682	.04426	2.0724
#3	1.5676	1.9989	.02498	1.1237	.09702	4.660	.04785	1.6663

Sample Name: K1675-37 Acquired: 3/4/2019 13:46:30 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-14-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 298.09
 Stddev 2.70
 %RSD .90613

#1 295.52
 #2 300.91
 #3 297.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.3	44556.	4176.3	20.302	2972.6
Stddev	4.6	335.	37.4	1.938	27.0
%RSD	.11973	.75122	.89620	9.5450	.90726

#1	3813.8	44294.	4172.0	22.279	2942.0
#2	3822.9	44442.	4141.2	20.221	2982.8
#3	3818.3	44933.	4215.7	18.406	2993.0

Sample Name: K1675-41 Acquired: 3/4/2019 13:50:46 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-14-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	.01064	-.01171	.17590	-.02362	-.00771	76.144	.25921	.00610
Stddev	.00134	.00261	.00190	.00375	.00257	.356	.00384	.00010
%RSD	12.573	22.308	1.0786	15.868	33.260	.46774	1.4830	1.5570
#1	.01173	-.01256	.17706	-.02419	-.00769	76.053	.26289	.00608
#2	.00915	-.01380	.17371	-.02705	-.01029	76.537	.25954	.00602
#3	.01105	-.00878	.17692	-.01962	-.00516	75.843	.25522	.00621
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00402	8.9863	.08165	.06067	.13444	112.04	4.8454	24.321
Stddev	.00015	.0897	.00043	.00021	.00107	.63	.0111	.096
%RSD	3.7358	.99828	.52943	.34851	.79602	.56259	.22860	.39430
#1	-.00417	8.9451	.08170	.06087	.13561	112.03	4.8330	24.211
#2	-.00387	8.9246	.08205	.06045	.13351	111.42	4.8544	24.376
#3	-.00403	9.0892	.08119	.06069	.13419	112.68	4.8489	24.378
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08423	.01058	2.7731	.12301	.28155	6.9611	.00100	.01433
Stddev	.00071	.00019	.0231	.00031	.00019	.0524	.00023	.00424
%RSD	.84024	1.8127	.83406	.25494	.06828	.75258	22.733	29.596
#1	.08355	.01069	2.7976	.12277	.28137	6.9907	.00115	.01872
#2	.08417	.01036	2.7517	.12336	.28175	6.9007	.00111	.01025
#3	.08496	.01069	2.7699	.12289	.28155	6.9921	.00074	.01403
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42983	1.3170	.00853	1.0919	.09572	4.160	-.07619	2.5938
Stddev	.02842	.0128	.00038	.0020	.00096	.006	.00049	.2716
%RSD	6.6130	.97202	4.4129	.18437	1.0038	.1454	.64319	10.470
#1	.41085	1.3179	.00877	1.0942	.09664	4.154	-.07592	2.3910
#2	.46251	1.3038	.00874	1.0906	.09579	4.163	-.07589	2.9023
#3	.41613	1.3294	.00810	1.0908	.09472	4.165	-.07676	2.4881

Sample Name: K1675-41 Acquired: 3/4/2019 13:50:46 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-14-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 304.02
Stddev	.38
%RSD	.12564

#1	304.29
#2	303.58
#3	304.18

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.1	43942.	4104.5	18.441	2976.0
Stddev	14.3	215.	28.5	.406	7.0
%RSD	.37693	.48979	.69527	2.2016	.23490

#1	3788.7	44074.	4103.1	18.618	2968.7
#2	3812.6	43693.	4133.7	17.977	2982.6
#3	3787.1	44058.	4076.7	18.729	2976.8

Sample Name: K1669-01 Acquired: 3/4/2019 13:55:04 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08698	-.04267	.88790	-.07468	-.01471	149.89	.97059	.01775
Stddev	.00363	.00085	.00453	.00198	.00118	.36	.01882	.00040
%RSD	4.1750	1.9973	.50998	2.6575	8.0098	.23996	1.9392	2.2616
#1	.08685	-.04231	.89094	-.07444	-.01605	149.49	.99233	.01729
#2	.09068	-.04206	.89005	-.07283	-.01420	150.01	.95972	.01804
#3	.08342	-.04364	.88269	-.07678	-.01387	150.18	.95973	.01792
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	146.35	.44244	.19312	.42835	218.54	5.0540	93.487
Stddev	.00057	3.06	.00581	.00048	.00455	4.06	.0376	1.930
%RSD	20.195	2.0883	1.3121	.24804	1.0622	1.8575	.74415	2.0645
#1	.00219	149.68	.43627	.19320	.42326	223.16	5.0105	95.538
#2	.00329	143.67	.44779	.19355	.42975	215.56	5.0765	91.707
#3	.00303	145.71	.44325	.19260	.43203	216.89	5.0748	93.215
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86281	.01496	7.6852	.45225	1.4145	15.328	.00645	-.04248
Stddev	.00175	.00115	.1734	.00266	.0061	.294	.00010	.00603
%RSD	.20293	7.6981	2.2565	.58848	.43233	1.9150	1.5471	14.205
#1	.86265	.01613	7.8853	.45151	1.4196	15.646	.00643	-.04708
#2	.86115	.01382	7.5935	.45521	1.4162	15.068	.00636	-.03565
#3	.86464	.01492	7.5769	.45004	1.4077	15.270	.00655	-.04471
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1865	3.1927	.04448	3.8784	.22975	8.297	.13709	<.00000
Stddev	.0176	.0778	.00059	.0760	.00576	.022	.00313	.46394
%RSD	.28374	2.4351	1.3300	1.9605	2.5059	.2683	2.2823	32.902
#1	6.1825	3.2802	.04380	3.9649	.23540	8.294	.13934	-1.9069
#2	6.1713	3.1661	.04477	3.8222	.22389	8.321	.13352	-1.3352
#3	6.2057	3.1317	.04488	3.8480	.22996	8.277	.13842	-.98809

Sample Name: K1669-01 Acquired: 3/4/2019 13:55:04 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-031 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 837.80
Stddev	4.09
%RSD	.48870

#1	834.01
#2	842.14
#3	837.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3979.5	46466.	4523.5	18.949	2648.5
Stddev	7.2	242.	81.5	.403	14.1
%RSD	.18171	.52089	1.8016	2.1277	.53345

#1	3971.5	46728.	4429.8	18.764	2635.9
#2	3981.6	46251.	4578.2	19.412	2645.7
#3	3985.5	46420.	4562.4	18.672	2663.8

Sample Name: K1669-03 Acquired: 3/4/2019 13:59:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09631	-.02962	1.0384	-.08971	-.02065	145.27	.96566	.02140
Stddev	.00322	.00127	.0063	.00403	.00325	1.60	.04351	.00024
%RSD	3.3448	4.2831	.60534	4.4895	15.742	1.1021	4.5062	1.1018
#1	.09905	-.03107	1.0402	-.09341	-.02320	146.45	.99464	.02160
#2	.09276	-.02910	1.0314	-.08542	-.02176	145.91	.98672	.02146
#3	.09711	-.02870	1.0435	-.09030	-.01699	143.45	.91562	.02114
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	130.61	.30514	.17307	.37296	249.80	5.9636	81.337
Stddev	.00096	5.95	.00113	.00073	.00327	9.02	.0180	3.339
%RSD	28.474	4.5528	.37166	.42164	.87626	3.6114	.30241	4.1056
#1	.00309	134.15	.30506	.17299	.37568	253.52	5.9430	83.349
#2	.00256	133.93	.30631	.17239	.36934	256.37	5.9762	83.179
#3	.00442	123.74	.30404	.17384	.37387	239.52	5.9717	77.482
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51726	.01647	6.9059	.42143	1.4514	13.633	.00769	-.05417
Stddev	.00184	.00126	.2929	.00279	.0044	.575	.00011	.00168
%RSD	.35525	7.6420	4.2417	.66288	.30622	4.2144	1.4525	3.1002
#1	.51811	.01710	7.0693	.41965	1.4488	13.990	.00778	-.05485
#2	.51851	.01729	7.0808	.42465	1.4489	13.939	.00757	-.05540
#3	.51515	.01502	6.5678	.41999	1.4565	12.970	.00772	-.05225
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1852	3.3509	.04091	2.7688	.21754	8.456	.07195	<.00000
Stddev	.0331	.1246	.00131	.1172	.00968	.021	.00673	.13334
%RSD	.79208	3.7184	3.2006	4.2333	4.4499	.2466	9.3590	14.655
#1	4.2086	3.3904	.03969	2.8449	.22313	8.480	.07751	-.87873
#2	4.1997	3.4510	.04074	2.8278	.22312	8.441	.07388	-1.0560
#3	4.1473	3.2113	.04229	2.6338	.20636	8.448	.06447	-.79484

Sample Name: K1669-03 Acquired: 3/4/2019 13:59:29 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-031 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 990.04
Stddev	3.19
%RSD	.32201

#1	992.34
#2	991.38
#3	986.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3948.6	45810.	4546.9	17.982	2643.8
Stddev	7.9	80.	159.3	1.929	2.2
%RSD	.19987	.17461	3.5027	10.728	.08360

#1	3940.7	45851.	4465.7	17.490	2646.1
#2	3948.6	45718.	4444.6	16.347	2643.5
#3	3956.5	45862.	4730.4	20.110	2641.7

Sample Name: K1671-01 Acquired: 3/4/2019 14:03:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05161	.00029	.06497	-.03232	-.00799	153.50	.12798	.00576
Stddev	.00386	.00043	.00129	.00231	.00263	.45	.00199	.00011
%RSD	7.4822	149.83	1.9898	7.1385	32.896	.29025	1.5535	1.8438
#1	.04790	.00008	.06529	-.02992	-.00649	153.12	.13013	.00568
#2	.05560	.00078	.06355	-.03452	-.01102	153.39	.12620	.00571
#3	.05132	-.00000	.06608	-.03253	-.00645	153.99	.12761	.00588
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00490	.76799	.18362	.01054	.06421	133.55	.12304	1.1773
Stddev	.00023	.02470	.00076	.00054	.00010	.86	.00049	.0322
%RSD	4.6410	3.2160	.41310	5.1015	.16027	.64588	.40108	2.7357
#1	-.00512	.73973	.18419	.01008	.06426	133.61	.12317	1.2141
#2	-.00467	.77877	.18276	.01042	.06428	132.67	.12249	1.1634
#3	-.00492	.78546	.18392	.01113	.06409	134.39	.12345	1.1543
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03830	.01061	.14084	.34003	.06332	1.6329	.01167	-.00434
Stddev	.00061	.00021	.00331	.00082	.00043	.0386	.00025	.00461
%RSD	1.5948	1.9785	2.3531	.24234	.68129	2.3647	2.1660	106.42
#1	.03881	.01077	.13881	.34083	.06324	1.6592	.01144	-.00805
#2	.03848	.01037	.13904	.33918	.06378	1.6509	.01163	-.00578
#3	.03762	.01070	.14466	.34009	.06293	1.5885	.01194	.00083
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8536	3.1103	.00851	.49390	.02633	1.313	-.13875	1.3319
Stddev	.0105	.0110	.00056	.00556	.00106	.006	.00101	.2461
%RSD	.56888	.35390	6.6254	1.1262	4.0072	.4930	.72733	18.478
#1	1.8432	3.1139	.00824	.48752	.02591	1.306	-.13899	1.2878
#2	1.8532	3.0979	.00812	.49776	.02753	1.314	-.13764	1.1108
#3	1.8643	3.1190	.00915	.49641	.02555	1.319	-.13961	1.5971

Sample Name: K1671-01 Acquired: 3/4/2019 14:03:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 394.53
Stddev	2.62
%RSD	.66481

#1	394.30
#2	397.26
#3	392.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3975.6	44725.	4250.9	20.806	3018.1
Stddev	18.9	258.	24.9	1.397	22.2
%RSD	.47561	.57740	.58505	6.7137	.73483

#1	3997.3	44645.	4241.9	19.198	3043.7
#2	3962.6	45014.	4279.0	21.718	3005.4
#3	3966.9	44517.	4231.8	21.503	3005.2

Sample Name: K1655-01 Acquired: 3/4/2019 14:08:22 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7986 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02052	-.02868	.17190	-.05906	-.01740	213.62	.58150	.01349
Stddev	.00217	.00212	.00103	.00180	.00300	.49	.00881	.00007
%RSD	10.590	7.3934	.60112	3.0425	17.216	.23014	1.5153	.52395
#1	.02300	-.02825	.17277	-.05937	-.01537	213.09	.58913	.01348
#2	.01895	-.02680	.17076	-.05712	-.02084	213.72	.57186	.01343
#3	.01960	-.03098	.17219	-.06068	-.01600	214.06	.58352	.01357
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	27.411	.22926	.14290	.23999	199.15	7.6159	45.654
Stddev	.00002	.161	.00127	.00028	.00035	1.98	.0351	.250
%RSD	.60492	.58588	.55194	.19651	.14545	.99288	.46145	.54674
#1	-.00359	27.433	.22800	.14321	.24007	200.23	7.5765	45.713
#2	-.00355	27.241	.22924	.14279	.23961	196.87	7.6270	45.381
#3	-.00359	27.560	.23053	.14269	.24029	200.36	7.6441	45.869
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17389	.01535	1.7052	.31527	.63337	14.398	.00734	-.00705
Stddev	.00134	.00081	.0220	.00193	.00168	.146	.00017	.00683
%RSD	.76998	5.2942	1.2919	.61106	.26448	1.0115	2.2675	96.833
#1	.17541	.01476	1.7261	.31310	.63336	14.488	.00742	-.01005
#2	.17286	.01503	1.6822	.31594	.63505	14.230	.00746	-.01186
#3	.17342	.01628	1.7073	.31677	.63170	14.475	.00715	.00076
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64321	2.8052	.02066	2.7561	.23594	4.134	.03875	.92273
Stddev	.02094	.0269	.00096	.0204	.00254	.010	.00247	.14401
%RSD	3.2551	.95849	4.6297	.73932	1.0781	.2454	6.3740	15.607
#1	.63999	2.8054	.01981	2.7326	.23406	4.129	.03607	.82333
#2	.66557	2.7781	.02047	2.7671	.23493	4.145	.04093	.85698
#3	.62407	2.8319	.02169	2.7686	.23883	4.127	.03924	1.0879

Sample Name: K1655-01 Acquired: 3/4/2019 14:08:22 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7986 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 670.04
Stddev 2.76
%RSD .41175

#1 670.47
#2 667.09
#3 672.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.9	44068.	4264.1	18.785	2785.6
Stddev	7.2	30.	32.6	1.114	4.7
%RSD	.18440	.06842	.76520	5.9317	.16826

#1	3881.2	44053.	4237.4	17.570	2788.1
#2	3870.9	44048.	4300.5	19.024	2780.2
#3	3884.6	44103.	4254.5	19.760	2788.5

Sample Name: K1655-02 Acquired: 3/4/2019 14:12:57 Type: Unk
Method: P4-ICP2(v2905) 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	.02155	-.02783	.20492	-.06756	-.01628	221.19	.64659	.01462
Stddev	.00200	.00231	.00200	.00181	.00209	.83	.00245	.00015
%RSD	9.2722	8.2987	.97622	2.6753	12.818	.37484	.37934	1.0245
#1	.02376	-.03018	.20672	-.06722	-.01803	220.33	.64874	.01445
#2	.01987	-.02556	.20277	-.06595	-.01397	221.98	.64392	.01471
#3	.02102	-.02776	.20527	-.06952	-.01682	221.27	.64711	.01470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00353	28.004	.23873	.14881	.26653	216.37	8.4868	51.841
Stddev	.00015	.045	.00187	.00049	.00143	.16	.0338	.302
%RSD	4.2956	.16165	.78271	.32618	.53728	.07601	.39823	.58345
#1	-.00356	28.047	.23699	.14886	.26629	216.50	8.4478	52.097
#2	-.00367	28.010	.24071	.14926	.26523	216.43	8.5059	51.918
#3	-.00337	27.957	.23849	.14830	.26806	216.19	8.5067	51.507
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19113	.01686	1.6366	.32878	.68534	14.382	.00605	-.01323
Stddev	.00156	.00039	.0017	.00147	.00198	.045	.00038	.01286
%RSD	.81784	2.3083	.10499	.44634	.28952	.31224	6.3284	97.156
#1	.19294	.01665	1.6385	.32710	.68637	14.330	.00562	-.01359
#2	.19023	.01731	1.6354	.32939	.68660	14.408	.00615	-.00020
#3	.19023	.01662	1.6358	.32984	.68305	14.408	.00637	-.02591
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58537	2.1210	.02042	2.6593	.26039	4.465	.03019	.87231
Stddev	.01005	.0080	.00044	.0089	.00062	.004	.00110	.35655
%RSD	1.7174	.37649	2.1567	.33612	.23987	.0862	3.6322	40.875
#1	.57766	2.1165	.02058	2.6668	.26100	4.468	.02901	1.1733
#2	.58170	2.1162	.02077	2.6617	.26042	4.467	.03038	.96515
#3	.59674	2.1302	.01993	2.6494	.25975	4.461	.03118	.47852

Sample Name: K1655-02 Acquired: 3/4/2019 14:12:57 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 735.42
 Stddev 5.47
 %RSD .74369

#1 740.82
 #2 729.89
 #3 735.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.7	44211.	4261.2	19.112	2790.2
Stddev	12.7	146.	7.2	1.361	8.8
%RSD	.32718	.33088	.16830	7.1213	.31639

#1	3890.8	44282.	4253.8	18.792	2780.1
#2	3906.3	44043.	4261.6	20.604	2796.2
#3	3881.0	44308.	4268.1	17.939	2794.4

Sample Name: K1655-10 Acquired: 3/4/2019 14:17:32 Type: Unk
Method: P4-ICP2(v2905) 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	.03633	-.02327	.37346	-.08021	-.01935	268.02	1.0309	.01583
Stddev	.00197	.00042	.00132	.00471	.00136	1.11	.0093	.00014
%RSD	5.4326	1.7914	.35245	5.8744	7.0303	.41308	.90439	.86488
#1	.03571	-.02296	.37302	-.07989	-.01853	267.49	1.0414	.01571
#2	.03475	-.02310	.37242	-.08507	-.01860	269.29	1.0235	.01581
#3	.03855	-.02374	.37494	-.07566	-.02092	267.28	1.0278	.01598
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	19.420	.29157	.12033	.23633	247.68	3.5932	51.633
Stddev	.00020	.070	.00135	.00031	.00241	1.75	.0069	.381
%RSD	9.3402	.36270	.46133	.26115	1.0181	.70835	.19264	.73872
#1	-.00228	19.455	.29178	.12012	.23906	248.33	3.5952	51.606
#2	-.00192	19.338	.29280	.12017	.23542	245.69	3.5990	51.265
#3	-.00225	19.466	.29013	.12069	.23452	249.02	3.5856	52.027
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18112	.01719	1.3231	.45028	1.0642	11.018	.00410	-.05063
Stddev	.00154	.00044	.0179	.00358	.0027	.087	.00036	.00464
%RSD	.84975	2.5605	1.3495	.79565	.25496	.79356	8.8181	9.1568
#1	.17994	.01676	1.3306	.44711	1.0610	11.101	.00372	-.04702
#2	.18056	.01718	1.3028	.45416	1.0657	10.927	.00443	-.05586
#3	.18286	.01764	1.3361	.44956	1.0657	11.026	.00415	-.04900
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72624	1.8549	.03458	2.8777	.25851	5.798	-.09865	.97462
Stddev	.01046	.0113	.00091	.0023	.00031	.009	.00237	.11206
%RSD	1.4402	.60638	2.6321	.07935	.12075	.1540	2.3993	11.498
#1	.73742	1.8601	.03360	2.8759	.25887	5.808	-.09982	1.1040
#2	.72461	1.8420	.03540	2.8768	.25833	5.790	-.09592	.91244
#3	.71669	1.8626	.03473	2.8803	.25833	5.795	-.10020	.90742

Sample Name: K1655-10 Acquired: 3/4/2019 14:17:32 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 866.64
Stddev 4.92
%RSD .56730

#1 863.11
#2 872.25
#3 864.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.5	43655.	4211.5	19.050	2768.3
Stddev	12.1	80.	34.4	1.164	5.0
%RSD	.31285	.18403	.81699	6.1126	.18105

#1	3850.2	43642.	4182.6	17.708	2773.4
#2	3847.0	43583.	4249.6	19.654	2768.1
#3	3869.3	43742.	4202.5	19.788	2763.4

Sample Name: K1655-10DUP Acquired: 3/4/2019 14:21:58 Type: Unk
Method: P4-ICP2(v2905) 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	.03973	-.02278	.38817	-.08561	-.01954	277.72	1.0770	.01695
Stddev	.00328	.00277	.00094	.00376	.00295	.79	.0039	.00030
%RSD	8.2559	12.158	.24237	4.3867	15.074	.28550	.36238	1.7837
#1	.03848	-.02597	.38765	-.08446	-.02289	277.39	1.0815	.01697
#2	.04345	-.02101	.38925	-.08981	-.01839	278.62	1.0744	.01664
#3	.03726	-.02136	.38760	-.08256	-.01735	277.13	1.0750	.01725
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	19.617	.30674	.12794	.25588	255.67	3.8666	55.122
Stddev	.00036	.107	.00115	.00070	.00069	2.41	.0084	.540
%RSD	24.975	.54313	.37349	.55005	.26779	.94218	.21729	.97996
#1	-.00173	19.683	.30696	.12729	.25647	257.45	3.8648	55.563
#2	-.00104	19.494	.30776	.12868	.25605	252.93	3.8758	54.520
#3	-.00155	19.674	.30550	.12784	.25513	256.62	3.8593	55.284
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19554	.01765	1.3806	.46769	1.1207	11.923	.00441	-.04828
Stddev	.00178	.00018	.0109	.00274	.0024	.056	.00096	.01255
%RSD	.90956	1.0033	.78767	.58653	.21033	.46617	21.859	25.996
#1	.19550	.01783	1.3840	.46768	1.1185	11.963	.00330	-.03380
#2	.19735	.01748	1.3684	.46496	1.1203	11.860	.00495	-.05502
#3	.19379	.01765	1.3894	.47044	1.1232	11.947	.00498	-.05602
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68434	2.5389	.03099	2.9487	.28402	6.264	-.10425	.71090
Stddev	.01516	.0246	.00149	.0103	.00096	.010	.00230	.21310
%RSD	2.2151	.97028	4.8220	.34851	.33730	.1616	2.2065	29.976
#1	.67701	2.5653	.03210	2.9481	.28294	6.252	-.10622	.74955
#2	.67424	2.5166	.03159	2.9387	.28434	6.271	-.10172	.90204
#3	.70177	2.5348	.02929	2.9592	.28478	6.269	-.10480	.48113

Sample Name: K1655-10DUP Acquired: 3/4/2019 14:21:58 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 915.40
Stddev	2.34
%RSD	.25521

#1	915.19
#2	913.17
#3	917.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.6	43778.	4219.6	19.271	2745.9
Stddev	4.6	130.	26.2	1.228	8.5
%RSD	.11963	.29726	.62165	6.3731	.30851

#1	3868.7	43759.	4197.3	20.293	2751.7
#2	3869.9	43659.	4248.5	17.908	2749.9
#3	3861.3	43917.	4213.1	19.612	2736.2

Sample Name: CCV04 Acquired: 3/4/2019 14:26:23 Type: Unk
Method: P4-ICP2(v2905) 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	5.2770	5.3374	5.4636	5.2835	5.3803	10.598	9.6415	.26463
Stddev	.0124	.0034	.0107	.0210	.0211	.092	.0079	.00054
%RSD	.23469	.06390	.19572	.39718	.39218	.86822	.08166	.20316
#1	5.2913	5.3342	5.4710	5.3032	5.4033	10.493	9.6345	.26521
#2	5.2689	5.3410	5.4513	5.2860	5.3617	10.662	9.6500	.26452
#3	5.2708	5.3369	5.4685	5.2614	5.3761	10.640	9.6399	.26415
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6159	24.159	1.0445	2.7028	1.1282	4.9584	2.6334	26.777
Stddev	.0040	.221	.0032	.0021	.0043	.0155	.0032	.290
%RSD	.15192	.91497	.30126	.07680	.37689	.31168	.12148	1.0815
#1	2.6190	23.907	1.0417	2.7049	1.1279	4.9409	2.6370	26.459
#2	2.6114	24.252	1.0439	2.7007	1.1327	4.9641	2.6312	27.026
#3	2.6173	24.318	1.0479	2.7027	1.1242	4.9702	2.6319	26.845
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3425	1.2279	24.222	2.5221	2.3967	23.905	5.2913	4.5958
Stddev	.0037	.0037	.114	.0055	.0024	.130	.0164	.0745
%RSD	.15861	.29805	.46987	.21758	.10070	.54470	.31074	1.6204
#1	2.3410	1.2236	24.159	2.5166	2.3939	23.805	5.3082	4.5113
#2	2.3468	1.2299	24.354	2.5276	2.3984	24.053	5.2904	4.6518
#3	2.3399	1.2300	24.154	2.5220	2.3977	23.858	5.2753	4.6244
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2069	4.8539	5.2183	5.0680	4.8851	5.257	F 4.2863	F 5.9574
Stddev	.0239	.0116	.0067	.0188	.0125	.028	.0192	.1286
%RSD	.45868	.23829	.12840	.37115	.25648	.5335	.44751	2.1578
#1	5.1991	4.8500	5.2199	5.0466	4.8707	5.287	4.2644	5.8447
#2	5.2337	4.8449	5.2110	5.0820	4.8928	5.232	4.3003	6.0974
#3	5.1879	4.8670	5.2241	5.0754	4.8920	5.253	4.2940	5.9301

Sample Name: CCV04 Acquired: 3/4/2019 14:26:23 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7612
Stddev	1.0901
%RSD	61.894

#1	1.1185
#2	3.0199
#3	1.1453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.3	40551.	3811.5	17.957	2823.2
Stddev	13.3	82.	4.4	2.258	3.3
%RSD	.37615	.20203	.11590	12.571	.11708

#1	3521.0	40606.	3814.0	17.970	2820.3
#2	3534.4	40457.	3806.4	15.694	2822.6
#3	3547.6	40591.	3814.1	20.209	2826.8

Sample Name: CCB04 Acquired: 3/4/2019 14:30:23 Type: Unk
Method: P4-ICP2(v2905) 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	-.00288	.00026	.00001	.00041	-.00043	-.00502	-.02255
Stddev	.00458	.00108	.00112	.00078	.00237	.00851	.00450
%RSD	158.76	411.88	18979.	189.69	552.40	169.36	19.970

#1	-.00097	.00065	.00129	.00013	-.00037	-.01467	-.02731
#2	-.00811	.00109	-.00058	-.00019	-.00283	.00141	-.02199
#3	.00042	-.00096	-.00070	.00129	.00191	-.00181	-.01835

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00017	-.01271	.00005	-.00015	.00063	-.00116
Stddev	.00009	.00001	.01335	.00049	.00026	.00042	.00150
%RSD	96.570	5.0960	105.06	1062.9	176.92	66.651	129.74

#1	.00003	-.00016	-.00047	.00060	.00008	.00112	-.00069
#2	.00019	-.00017	-.02694	-.00032	-.00009	.00042	.00006
#3	.00005	-.00018	-.01071	-.00015	-.00043	.00036	-.00284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00678	-.00025	.00104	-.03183	-.00004	.00004
Stddev	.00005	.00876	.00062	.00038	.00524	.00032	.00012
%RSD	415.60	129.29	253.63	36.893	16.469	740.08	267.09

#1	-.00003	-.01689	.00006	.00069	-.03481	.00027	.00018
#2	.00001	-.00139	.00016	.00145	-.03492	-.00037	-.00001
#3	.00006	-.00206	-.00096	.00098	-.02578	-.00003	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10565	.00036	-.00322	-.00972	.00591	-.00111	.00040
Stddev	.02033	.00004	.00647	.01177	.00229	.00134	.00173
%RSD	19.242	12.280	200.76	121.13	38.693	121.19	433.74

#1	.11366	.00031	-.00124	-.02330	.00499	.00044	-.00160
#2	.08254	.00037	-.01045	-.00253	.00852	-.00185	.00144
#3	.12076	.00040	.00202	-.00332	.00423	-.00191	.00136

Sample Name: CCB04 Acquired: 3/4/2019 14:30:23 Type: Unk
Method: P4-ICP2(v2905) 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	-.00264	-.0012	.00004	F 4.4356	F<.00000
Stddev	.00137	.0015	.00010	.0450	.53166
%RSD	51.893	124.1	247.27	1.0147	24.347
#1	-.00245	-.0028	.00008	4.4375	-2.2128
#2	-.00410	-.0001	-.00008	4.3896	-1.6381
#3	-.00138	-.0006	.00013	4.4796	-2.7002
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.5	42001.	3831.2	18.211	3186.5
Stddev	9.0	114.	9.6	.827	2.9
%RSD	.24761	.27233	.24983	4.5407	.09176
#1	3625.4	42133.	3841.6	17.633	3187.4
#2	3638.7	41944.	3822.8	19.158	3183.2
#3	3642.6	41927.	3829.1	17.842	3188.8

Sample Name: K1655-10LX5 Acquired: 3/4/2019 14:34:51 Type: Unk
Method: P4-ICP2(v2905) 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	.00931	-.00466	.07619	-.01499	-.00430	59.361	.21674	.00313
Stddev	.00367	.00123	.00164	.00086	.00104	.768	.00711	.00013
%RSD	39.400	26.420	2.1550	5.7486	24.107	1.2946	3.2810	4.0653
#1	.01348	-.00604	.07506	-.01499	-.00329	58.713	.21904	.00314
#2	.00785	-.00368	.07543	-.01585	-.00423	59.159	.22243	.00299
#3	.00659	-.00425	.07807	-.01413	-.00536	60.210	.20877	.00324
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	4.4272	.06785	.02550	.05716	69.724	.86405	12.204
Stddev	.00012	.0295	.00085	.00023	.00073	.448	.00948	.019
%RSD	3.8699	.66576	1.2534	.90117	1.2799	.64312	1.0968	.15177
#1	-.00289	4.4029	.06700	.02576	.05632	69.893	.85872	12.200
#2	-.00313	4.4600	.06783	.02534	.05768	70.063	.85844	12.188
#3	-.00300	4.4188	.06870	.02540	.05747	69.215	.87499	12.224
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03786	.00614	.26528	.10339	.21818	2.6384	.00088	.01121
Stddev	.00036	.00054	.01915	.00118	.00076	.0318	.00059	.00596
%RSD	.96333	8.7737	7.2185	1.1396	.34984	1.2043	66.814	53.120
#1	.03817	.00556	.28715	.10248	.21892	2.6057	.00046	.01766
#2	.03746	.00662	.25154	.10298	.21824	2.6403	.00063	.00592
#3	.03795	.00624	.25715	.10472	.21739	2.6692	.00155	.01006
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14331	.52079	.00664	.65711	.05704	1.227	-.03760	4.1938
Stddev	.01403	.00307	.00074	.00008	.00199	.005	.00043	.1537
%RSD	9.7912	.58913	11.147	.01196	3.4907	.4273	1.1350	3.6644
#1	.13504	.51905	.00749	.65711	.05921	1.231	-.03768	4.0844
#2	.13538	.52433	.00632	.65702	.05531	1.230	-.03798	4.1274
#3	.15952	.51899	.00612	.65718	.05660	1.221	-.03714	4.3695

Sample Name: K1655-10LX5 Acquired: 3/4/2019 14:34:51 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 174.48
Stddev 1.39
%RSD .79640

#1 176.08
#2 173.73
#3 173.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.5	42271.	3968.1	19.325	3017.7
Stddev	9.6	325.	42.6	1.726	15.4
%RSD	.25853	.76785	1.0733	8.9335	.51051

#1	3709.5	42496.	3945.2	19.033	3009.3
#2	3704.8	42418.	3941.8	17.763	3008.4
#3	3723.2	41899.	4017.2	21.179	3035.5

Sample Name: K1655-11 Acquired: 3/4/2019 14:39:14 Type: Unk
Method: P4-ICP2(v2905) 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	.79306	2.0972	1.4663	1.7031	.12714	305.13	1.2754	.22159
Stddev	.00415	.0054	.0006	.0105	.00397	1.91	.0024	.00114
%RSD	.52325	.25739	.04390	.61656	3.1229	.62494	.19054	.51607
#1	.78905	2.0983	1.4666	1.7068	.12387	303.05	1.2780	.22044
#2	.79281	2.0914	1.4655	1.7113	.13156	305.52	1.2732	.22273
#3	.79734	2.1020	1.4667	1.6913	.12598	306.80	1.2750	.22161
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21297	20.541	.71116	.35097	.48945	248.06	3.8349	57.900
Stddev	.00053	.023	.00406	.00042	.00154	.51	.0100	.218
%RSD	.25105	.11254	.57070	.12086	.31465	.20520	.26137	.37584
#1	.21295	20.526	.70654	.35141	.48890	248.64	3.8265	58.094
#2	.21351	20.530	.71414	.35056	.48826	247.70	3.8460	57.665
#3	.21245	20.568	.71279	.35093	.49119	247.84	3.8322	57.940
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65256	.08281	4.0496	.74768	1.3480	21.324	.36489	.14407
Stddev	.00183	.00055	.0256	.00122	.0017	.040	.00069	.00463
%RSD	.28032	.66095	.63306	.16333	.12412	.18849	.18845	3.2167
#1	.65058	.08263	4.0446	.74825	1.3472	21.323	.36420	.14009
#2	.65293	.08238	4.0774	.74851	1.3499	21.365	.36557	.14295
#3	.65418	.08343	4.0269	.74628	1.3469	21.285	.36489	.14915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69443	2.3709	.70957	3.5532	.49218	F 12.38	.06441	1.8216
Stddev	.01727	.0117	.00065	.0063	.00063	.01	.00129	.0843
%RSD	2.4874	.49428	.09167	.17649	.12874	.1054	1.9957	4.6297
#1	.67726	2.3818	.70893	3.5601	.49267	12.38	.06467	1.7610
#2	.69422	2.3724	.71023	3.5478	.49241	12.36	.06302	1.7860
#3	.71181	2.3585	.70955	3.5519	.49147	12.38	.06555	1.9179

Sample Name: K1655-11 Acquired: 3/4/2019 14:39:14 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 882.83
Stddev 2.24
%RSD .25321

#1 885.39
#2 881.23
#3 881.88

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.0	43118.	4180.2	17.949	2703.3
Stddev	7.6	105.	22.0	1.115	4.4
%RSD	.19952	.24245	.52610	6.2092	.16252

#1	3819.5	43217.	4160.2	17.380	2698.7
#2	3814.3	43009.	4176.6	17.233	2703.7
#3	3829.3	43128.	4203.8	19.233	2707.4

Sample Name: K1655-12 Acquired: 3/4/2019 14:43:36 Type: Unk
Method: P4-ICP2(v2905) 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	.79230	2.1000	1.4707	1.7001	.12125	304.15	1.2829	.22164
Stddev	.00684	.0008	.0008	.0120	.00252	.26	.0138	.00064
%RSD	.86304	.04065	.05541	.70626	2.0807	.08443	1.0762	.28672
#1	.78855	2.0994	1.4710	1.6976	.12349	304.39	1.2793	.22196
#2	.80019	2.1010	1.4713	1.7132	.11852	304.19	1.2713	.22206
#3	.78815	2.0998	1.4698	1.6896	.12175	303.88	1.2982	.22091
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21336	20.471	.70888	.35131	.49132	248.64	3.8591	57.498
Stddev	.00057	.148	.00099	.00035	.00069	1.56	.0122	.506
%RSD	.26494	.72145	.14005	.09922	.14113	.62783	.31586	.88043
#1	.21388	20.403	.70829	.35157	.49198	247.48	3.8577	57.080
#2	.21276	20.370	.70834	.35144	.49139	248.03	3.8719	57.353
#3	.21344	20.640	.71003	.35091	.49060	250.42	3.8477	58.061
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64875	.08368	3.9907	.75054	1.3452	21.069	.36358	.13319
Stddev	.00424	.00043	.0320	.00162	.0049	.151	.00156	.01626
%RSD	.65335	.51157	.80196	.21567	.36497	.71746	.42961	12.206
#1	.65248	.08391	3.9853	.75071	1.3504	21.110	.36204	.11729
#2	.64964	.08394	3.9617	.75207	1.3406	20.901	.36516	.14978
#3	.64414	.08319	4.0251	.74884	1.3447	21.195	.36354	.13248
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68535	2.4079	.71059	3.5476	.49218	F 12.45	.06339	1.9787
Stddev	.01645	.0289	.00133	.0063	.00149	.01	.00130	.2004
%RSD	2.4004	1.1994	.18729	.17797	.30337	.0920	2.0572	10.129
#1	.67198	2.3944	.71146	3.5477	.49370	12.44	.06450	1.7750
#2	.68034	2.3883	.70905	3.5413	.49213	12.46	.06195	1.9852
#3	.70372	2.4411	.71124	3.5539	.49071	12.46	.06372	2.1757

Sample Name: K1655-12 Acquired: 3/4/2019 14:43:36 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 885.45
Stddev 4.28
%RSD .48299

#1 882.60
#2 883.39
#3 890.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3820.3	43141.	4189.7	19.064	2702.1
Stddev	8.0	108.	22.8	1.014	11.1
%RSD	.20927	.25115	.54444	5.3183	.41138

#1	3813.9	43098.	4200.4	18.499	2690.2
#2	3817.8	43061.	4205.2	20.235	2712.2
#3	3829.3	43264.	4163.5	18.459	2704.0

Sample Name: K1655-10A Acquired: 3/4/2019 14:47:56 Type: Unk
Method: P4-ICP2(v2905) 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	.79013	2.1009	1.4648	1.7060	.12292	304.23	1.2800	.22116
Stddev	.00294	.0071	.0013	.0063	.00157	1.23	.0168	.00075
%RSD	.37266	.33722	.09167	.36636	1.2753	.40569	1.3112	.33725
#1	.79255	2.1088	1.4651	1.7118	.12457	305.21	1.2977	.22157
#2	.79100	2.0953	1.4634	1.7068	.12146	302.85	1.2778	.22030
#3	.78685	2.0985	1.4660	1.6994	.12272	304.64	1.2644	.22160
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21275	20.530	.70985	.35167	.49515	249.37	3.8484	57.404
Stddev	.00097	.182	.00351	.00108	.00101	3.09	.0129	.560
%RSD	.45637	.88760	.49472	.30845	.20381	1.2386	.33385	.97529
#1	.21351	20.721	.71388	.35272	.49631	252.51	3.8632	58.027
#2	.21166	20.512	.70745	.35055	.49469	249.27	3.8408	57.243
#3	.21308	20.358	.70823	.35175	.49446	246.33	3.8412	56.942
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65525	.08327	4.0199	.75048	1.3397	21.211	.36579	.13743
Stddev	.00304	.00113	.0416	.00103	.0071	.179	.00071	.00558
%RSD	.46417	1.3516	1.0340	.13741	.52933	.84400	.19362	4.0608
#1	.65174	.08343	4.0678	.75118	1.3321	21.416	.36661	.13405
#2	.65695	.08431	3.9976	.74929	1.3411	21.090	.36531	.14387
#3	.65707	.08208	3.9942	.75096	1.3461	21.126	.36547	.13438
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70454	2.4342	.71332	3.5449	.49024	F 12.41	.06265	2.1360
Stddev	.01636	.0322	.00249	.0037	.00258	.04	.00090	.1431
%RSD	2.3218	1.3227	.34860	.10321	.52639	.3201	1.4401	6.6992
#1	.69765	2.4696	.71508	3.5418	.49320	12.42	.06284	2.2868
#2	.72321	2.4262	.71047	3.5489	.48845	12.36	.06167	2.0021
#3	.69275	2.4066	.71440	3.5439	.48906	12.44	.06345	2.1192

Sample Name: K1655-10A Acquired: 3/4/2019 14:47:56 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 883.00
 Stddev 3.03
 %RSD .34346

#1 886.48
 #2 881.65
 #3 880.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.6	43019.	4177.9	18.770	2712.1
Stddev	5.5	178.	51.5	.876	8.0
%RSD	.14450	.41344	1.2321	4.6662	.29452

#1	3820.0	42814.	4121.8	18.258	2720.0
#2	3827.7	43107.	4188.7	18.271	2712.1
#3	3817.0	43136.	4223.1	19.781	2704.1

Sample Name: K1670-01 Acquired: 3/4/2019 14:52:16 Type: Unk
Method: P4-ICP2(v2905) 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	.07545	-.03082	.81414	-.06516	-.01255	149.03	.93419	.01582
Stddev	.00094	.00352	.00660	.00177	.00188	.67	.00202	.00044
%RSD	1.2475	11.412	.81015	2.7226	14.979	.44862	.21589	2.7795
#1	.07524	-.02751	.81864	-.06455	-.01422	149.79	.93588	.01584
#2	.07463	-.03044	.81721	-.06378	-.01051	148.72	.93474	.01537
#3	.07648	-.03451	.80657	-.06716	-.01292	148.56	.93196	.01625
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	101.63	.36297	.17578	.39165	206.18	5.7772	61.843
Stddev	.00026	.56	.00169	.00091	.00132	.45	.0097	.228
%RSD	18.050	.55486	.46571	.51574	.33599	.21660	.16851	.36834
#1	.00148	101.40	.36486	.17530	.39311	205.67	5.7861	61.636
#2	.00172	102.27	.36160	.17683	.39055	206.48	5.7668	62.087
#3	.00119	101.22	.36246	.17521	.39128	206.39	5.7788	61.805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62658	.01564	7.3636	.40311	1.2247	13.871	.00508	-.02927
Stddev	.00224	.00013	.0458	.00062	.0020	.037	.00030	.00905
%RSD	.35711	.80894	.62149	.15306	.16510	.27025	5.9654	30.910
#1	.62601	.01549	7.3879	.40343	1.2225	13.829	.00476	-.03971
#2	.62905	.01574	7.3108	.40240	1.2264	13.902	.00512	-.02436
#3	.62468	.01568	7.3921	.40351	1.2253	13.881	.00537	-.02374
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4353	5.4728	.03989	2.9307	.21700	7.267	.09899	<.00000
Stddev	.0165	.0417	.00107	.0039	.00191	.018	.00268	.41047
%RSD	.37192	.76218	2.6866	.13273	.88069	.2516	2.7028	142.02
#1	4.4459	5.4252	.04110	2.9328	.21832	7.288	.09723	.10781
#2	4.4436	5.4898	.03907	2.9262	.21481	7.262	.10207	-.26297
#3	4.4163	5.5033	.03950	2.9331	.21787	7.252	.09768	-.71188

Sample Name: K1670-01 Acquired: 3/4/2019 14:52:16 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 770.05
Stddev 7.27
%RSD .94349

#1 762.35
#2 776.79
#3 771.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.1	45947.	4508.0	18.166	2699.0
Stddev	10.3	278.	12.5	.788	2.9
%RSD	.25851	.60565	.27784	4.3385	.10829

#1	3961.4	45637.	4506.2	17.256	2696.6
#2	3977.3	46029.	4496.4	18.604	2698.2
#3	3980.7	46175.	4521.3	18.638	2702.3

Sample Name: K1670-03 Acquired: 3/4/2019 14:56:42 Type: Unk
Method: P4-ICP2(v2905) 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	.08623	-.04533	.74503	-.07301	-.01531	150.75	.97947	.01638
Stddev	.00077	.00281	.00367	.00431	.00118	.29	.01157	.00017
%RSD	.88781	6.2048	.49265	5.9010	7.6958	.19540	1.1808	1.0506
#1	.08566	-.04454	.74912	-.07750	-.01545	150.42	.98618	.01644
#2	.08710	-.04845	.74394	-.06891	-.01407	150.83	.98612	.01652
#3	.08592	-.04299	.74202	-.07263	-.01642	150.99	.96612	.01619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	162.12	.27479	.21415	.47589	207.35	5.8908	102.14
Stddev	.00015	1.26	.00045	.00051	.00210	1.62	.0082	.98
%RSD	3.7021	.77579	.16509	.23857	.44166	.78062	.13877	.95859
#1	.00381	163.30	.27488	.21465	.47700	208.67	5.8815	103.21
#2	.00390	162.27	.27520	.21363	.47720	207.83	5.8936	101.90
#3	.00409	160.80	.27430	.21419	.47347	205.54	5.8971	101.30
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51245	.01512	8.0090	.46564	1.3343	14.699	.00749	-.02980
Stddev	.00062	.00102	.0723	.00337	.0074	.082	.00011	.00916
%RSD	.12026	6.7622	.90296	.72344	.55682	.55523	1.4670	30.749
#1	.51304	.01553	8.0646	.46181	1.3299	14.776	.00759	-.02889
#2	.51248	.01588	8.0351	.46813	1.3302	14.706	.00752	-.03939
#3	.51181	.01396	7.9272	.46699	1.3429	14.614	.00737	-.02113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6001	5.3931	.04701	4.0431	.23298	8.744	.15606	<.00000
Stddev	.0333	.0487	.00251	.0035	.00224	.011	.00109	.24511
%RSD	.50375	.90285	5.3367	.08601	.96142	.1302	.70130	48.935
#1	6.5685	5.4318	.04605	4.0431	.23153	8.734	.15733	-.22703
#2	6.5969	5.4091	.04986	4.0397	.23556	8.757	.15538	-.69970
#3	6.6348	5.3384	.04513	4.0466	.23185	8.741	.15548	-.57594

Sample Name: K1670-03 Acquired: 3/4/2019 14:56:42 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 798.10
Stddev 3.63
%RSD .45495

#1 794.20
#2 798.72
#3 801.38

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3942.8	45741.	4491.4	18.602	2622.1
Stddev	7.3	92.	51.6	2.042	11.0
%RSD	.18563	.20004	1.1496	10.975	.41787

#1	3935.2	45638.	4443.0	20.318	2622.7
#2	3949.8	45773.	4485.4	16.344	2632.7
#3	3943.4	45812.	4545.7	19.142	2610.8

Sample Name: K1672-01 Acquired: 3/4/2019 15:01:06 Type: Unk
Method: P4-ICP2(v2905) 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	.07375	-.03874	.69113	-.07174	-.01435	146.55	1.1498	.01639
Stddev	.00351	.00145	.00345	.00272	.00235	1.24	.0061	.00052
%RSD	4.7649	3.7474	.49888	3.7911	16.404	.84497	.52951	3.1986
#1	.07652	-.03707	.68722	-.06890	-.01232	145.64	1.1520	.01617
#2	.07494	-.03947	.69240	-.07199	-.01380	146.04	1.1544	.01699
#3	.06980	-.03967	.69376	-.07432	-.01693	147.96	1.1429	.01601
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	131.29	.28569	.17542	.36247	212.12	7.6367	66.003
Stddev	.00040	.57	.00030	.00085	.00042	1.55	.0541	.203
%RSD	18.378	.43359	.10626	.48432	.11713	.73221	.70780	.30696
#1	.00174	131.22	.28534	.17452	.36275	213.22	7.6308	65.927
#2	.00222	131.89	.28586	.17553	.36199	212.80	7.5858	66.233
#3	.00252	130.76	.28586	.17621	.36268	210.34	7.6934	65.849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48365	.01657	7.2395	.39492	1.0970	14.964	.00618	-.01535
Stddev	.00139	.00090	.0131	.00302	.0048	.056	.00032	.00997
%RSD	.28744	5.4182	.18151	.76416	.43729	.37727	5.1005	64.934
#1	.48499	.01605	7.2384	.39810	1.0945	14.939	.00636	-.00445
#2	.48375	.01760	7.2532	.39454	1.0939	15.029	.00581	-.01761
#3	.48222	.01605	7.2270	.39210	1.1025	14.924	.00636	-.02399
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3650	6.7523	.03621	3.4522	.22182	7.896	.27530	<.00000
Stddev	.0499	.0662	.00045	.0084	.00236	.039	.00096	.28974
%RSD	.78351	.98000	1.2556	.24364	1.0617	.4901	.34948	62.254
#1	6.3127	6.7648	.03573	3.4437	.21950	7.861	.27481	-.79848
#2	6.3701	6.8113	.03663	3.4524	.22176	7.891	.27641	-.27156
#3	6.4121	6.6807	.03628	3.4605	.22421	7.937	.27468	-.32620

Sample Name: K1672-01 Acquired: 3/4/2019 15:01:06 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 800.88
Stddev 4.13
%RSD .51544

#1 796.72
#2 804.98
#3 800.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3937.8	45481.	4446.9	18.902	2661.7
Stddev	4.1	119.	37.3	.409	2.2
%RSD	.10430	.26157	.83884	2.1614	.08161

#1	3933.1	45510.	4421.9	18.718	2662.4
#2	3940.4	45583.	4429.1	19.370	2663.4
#3	3940.0	45350.	4489.8	18.618	2659.2

Sample Name: K1672-03 Acquired: 3/4/2019 15:05:41 Type: Unk
Method: P4-ICP2(v2905) 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	.07271	-.04674	.76683	-.07128	-.01359	158.01	.93678	.01555
Stddev	.00231	.00369	.00010	.00251	.00203	.41	.00856	.00018
%RSD	3.1760	7.8886	.01309	3.5155	14.933	.26175	.91404	1.1559
#1	.07108	-.04251	.76685	-.07225	-.01327	157.77	.92691	.01542
#2	.07535	-.04846	.76691	-.06844	-.01577	157.77	.94232	.01549
#3	.07171	-.04925	.76672	-.07316	-.01175	158.49	.94110	.01576
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	279.93	.29364	.16247	.36909	189.90	5.2736	139.27
Stddev	.00016	1.75	.00117	.00082	.00365	.68	.0061	1.04
%RSD	3.9230	.62691	.39765	.50617	.98842	.35550	.11523	.74680
#1	.00396	277.96	.29235	.16173	.36535	189.24	5.2745	138.08
#2	.00423	280.46	.29463	.16232	.36928	189.87	5.2671	139.97
#3	.00396	281.35	.29395	.16335	.37264	190.59	5.2792	139.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49303	.01325	7.6929	.41317	1.2833	16.715	.00599	-.01482
Stddev	.00135	.00068	.0549	.00233	.0046	.102	.00012	.00489
%RSD	.27337	5.1716	.71324	.56427	.35895	.60749	1.9471	32.983
#1	.49148	.01404	7.6765	.41551	1.2851	16.670	.00591	-.01125
#2	.49390	.01288	7.6482	.41085	1.2781	16.644	.00593	-.02040
#3	.49373	.01282	7.7541	.41314	1.2868	16.832	.00612	-.01282
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7422	F 12.869	.03788	4.2169	.25303	7.485	.29991	.45852
Stddev	.0559	.052	.00111	.0230	.00148	.018	.00317	.16205
%RSD	.57415	.40637	2.9354	.54501	.58522	.2438	1.0567	35.342
#1	9.6930	12.812	.03914	4.2055	.25145	7.467	.29636	.57409
#2	9.7304	12.915	.03706	4.2019	.25439	7.503	.30089	.52818
#3	9.8030	12.880	.03743	4.2434	.25326	7.485	.30246	.27329

Sample Name: K1672-03 Acquired: 3/4/2019 15:05:41 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 720.73
 Stddev 2.14
 %RSD .29677

#1 722.99
 #2 720.46
 #3 718.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.1	44732.	4455.6	18.743	2523.5
Stddev	4.3	55.	23.3	.399	8.0
%RSD	.11189	.12328	.52401	2.1312	.31583

#1	3863.1	44753.	4482.3	18.474	2517.4
#2	3871.3	44669.	4439.0	19.202	2532.5
#3	3869.7	44773.	4445.5	18.553	2520.5

Sample Name: PB117578BL Acquired: 3/4/2019 15:10:06 Type: Unk
Method: P4-ICP2(v2905) 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	-.00269	.00033	-.00056	-.00166	-.00060	-.01156	-.02381
Stddev	.00350	.00167	.00155	.00131	.00111	.00942	.00258
%RSD	129.96	500.85	277.90	78.656	186.12	81.462	10.821

#1	.00134	.00195	.00070	-.00191	.00067	-.00788	-.02525
#2	-.00444	.00044	-.00008	-.00283	-.00142	-.00454	-.02534
#3	-.00497	-.00139	-.00230	-.00025	-.00104	-.02226	-.02084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00014	-.00551	.00048	-.00014	.00084	-.00090
Stddev	.00011	.00006	.02011	.00007	.00028	.00094	.00213
%RSD	176.61	44.628	364.78	14.252	201.49	110.72	236.67

#1	.00017	-.00011	.00103	.00051	-.00042	.00115	-.00063
#2	.00006	-.00011	.01051	.00053	-.00015	-.00020	-.00315
#3	-.00005	-.00022	-.02807	.00040	.00015	.00159	.00108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00549	-.00046	.00057	-.04375	-.00024	-.00005
Stddev	.00005	.01718	.00046	.00025	.00422	.00053	.00007
%RSD	125.60	312.81	98.948	44.061	9.6386	219.14	143.04

#1	.00009	.00119	.00001	.00038	-.04121	.00015	.00002
#2	.00001	.00734	-.00049	.00085	-.04142	-.00085	-.00012
#3	.00001	-.02501	-.00091	.00048	-.04861	-.00003	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06406	.00028	-.00420	-.00103	.01010	-.00098	-.00090
Stddev	.00522	.00004	.00430	.01318	.00293	.00082	.00148
%RSD	8.1558	14.340	102.46	1276.0	28.996	83.395	165.61

#1	.06016	.00033	-.00465	.00553	.01303	-.00180	.00082
#2	.06202	.00024	-.00825	-.01621	.01011	-.00098	-.00183
#3	.06999	.00028	.00031	.00757	.00717	-.00016	-.00168

Sample Name: PB117578BL Acquired: 3/4/2019 15:10:06 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00312	-0.0005	-0.00002	F 4.5500	F<.00000
Stddev	.00383	.0002	.00005	.0628	1.0889
%RSD	122.74	44.32	236.96	1.3797	57.084
#1	-0.00069	-0.0008	.00000	4.6102	-3.1163
#2	-0.00753	-0.0006	.00001	4.5547	-1.0035
#3	-0.00114	-0.0003	-0.00008	4.4849	-1.6028
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3603.8	41947.	3870.9	19.550	3168.6
Stddev	5.8	50.	45.3	.741	23.5
%RSD	.16110	.11906	1.1692	3.7894	.74154
#1	3599.4	41938.	3831.4	19.333	3195.7
#2	3601.6	41902.	3861.0	20.375	3154.6
#3	3610.3	42001.	3920.2	18.942	3155.4

Sample Name: PB117578BS Acquired: 3/4/2019 15:14:34 Type: Unk
Method: P4-ICP2(v2905) 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	.83589	2.1047	1.0621	2.1000	.88564	2.2158	.17719	.20460
Stddev	.00813	.0019	.0012	.0125	.00282	.0315	.00372	.00038
%RSD	.97292	.08884	.11398	.59408	.31858	1.4234	2.0978	.18533
#1	.82848	2.1032	1.0617	2.0875	.88325	2.1910	.17306	.20504
#2	.84459	2.1068	1.0611	2.1000	.88491	2.2513	.18026	.20436
#3	.83459	2.1040	1.0634	2.1125	.88875	2.2051	.17826	.20440
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20057	1.0268	.44705	.21788	.28659	3.0539	.22650	2.1235
Stddev	.00036	.0194	.00266	.00019	.00090	.0473	.00028	.0711
%RSD	.17858	1.8887	.59430	.08894	.31350	1.5503	.12376	3.3467
#1	.20018	1.0280	.44488	.21783	.28557	3.0393	.22629	2.0846
#2	.20087	1.0069	.44625	.21771	.28725	3.0156	.22641	2.0803
#3	.20068	1.0457	.45001	.21809	.28695	3.1068	.22682	2.2055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43595	.06818	2.8654	.31043	.18135	9.5016	.45184	.26987
Stddev	.00146	.00080	.0181	.00079	.00019	.0270	.00293	.00726
%RSD	.33482	1.1767	.63288	.25391	.10437	.28372	.64816	2.6915
#1	.43662	.06743	2.8497	.30955	.18133	9.4712	.44872	.26880
#2	.43696	.06807	2.8853	.31107	.18155	9.5228	.45228	.27760
#3	.43428	.06902	2.8613	.31067	.18118	9.5107	.45453	.26320
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02895	.89095	.68285	.20460	.21321	5.690	.17256	F 5.1519
Stddev	.00999	.01179	.00225	.00519	.00342	.011	.00053	.1937
%RSD	34.493	1.3237	.32890	2.5384	1.6057	.1890	.30478	3.7591
#1	.03916	.89823	.68522	.20263	.20927	5.683	.17196	4.9397
#2	.01920	.87734	.68259	.21049	.21486	5.685	.17293	5.1966
#3	.02849	.89727	.68075	.20068	.21549	5.703	.17279	5.3192

Sample Name: PB117578BS Acquired: 3/4/2019 15:14:34 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 14.635
Stddev	.412
%RSD	2.8148

#1	14.481
#2	15.102
#3	14.323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.0	41768.	3914.2	20.311	3104.5
Stddev	14.8	46.	33.4	.805	7.9
%RSD	.41606	.10938	.85394	3.9610	.25336

#1	3565.6	41769.	3900.9	20.175	3097.4
#2	3537.5	41722.	3952.3	21.175	3103.1
#3	3543.8	41813.	3889.5	19.583	3113.0

Sample Name: CCV05 Acquired: 3/4/2019 16:06:20 Type: Unk
Method: P4-ICP2(v2905) 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	5.0565	5.1389	5.3385	5.0723	5.2396	10.197	9.9652	.25035
Stddev	.0645	.0749	.0738	.0612	.0626	.067	.0110	.00018
%RSD	1.2760	1.4581	1.3821	1.2069	1.1943	.66057	.11074	.07227
#1	5.0567	5.1841	5.3759	5.0841	5.2482	10.137	9.9752	.25052
#2	5.1209	5.1803	5.3861	5.1268	5.2974	10.185	9.9534	.25037
#3	4.9918	5.0524	5.2535	5.0060	5.1731	10.270	9.9671	.25016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5188	24.480	.97126	2.6269	1.2847	4.9270	2.4892	24.184
Stddev	.0354	.163	.00308	.0396	.0171	.0092	.0010	.243
%RSD	1.4059	.66487	.31664	1.5094	1.3343	.18672	.04172	1.0029
#1	2.5372	24.303	.96818	2.6488	1.2867	4.9316	2.4889	23.938
#2	2.5412	24.513	.97434	2.6507	1.3008	4.9164	2.4903	24.190
#3	2.4780	24.623	.97126	2.5811	1.2666	4.9330	2.4883	24.423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2548	1.3142	23.827	2.2847	2.4293	23.118	5.0890	F 4.1745
Stddev	.0383	.0049	.117	.0066	.0374	.037	.0605	.0210
%RSD	1.6989	.37010	.49058	.28820	1.5416	.15914	1.1880	.50221
#1	2.2765	1.3164	23.939	2.2900	2.4487	23.107	5.1002	4.1646
#2	2.2774	1.3177	23.706	2.2867	2.4532	23.089	5.1431	4.1603
#3	2.2106	1.3087	23.835	2.2773	2.3862	23.160	5.0237	4.1986
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9572	F 4.4429	4.9862	4.7791	4.5237	5.024	F 3.7189	F 5.8178
Stddev	.0537	.0103	.0665	.0338	.0086	.063	.0061	.0324
%RSD	1.0841	.23235	1.3347	.70711	.18917	1.246	.16344	.55626
#1	4.9850	4.4507	5.0213	4.7473	4.5334	5.049	3.7251	5.7931
#2	4.9913	4.4312	5.0279	4.7755	4.5173	5.071	3.7130	5.8545
#3	4.8952	4.4468	4.9095	4.8146	4.5203	4.953	3.7185	5.8058

Sample Name: CCV05 Acquired: 3/4/2019 16:06:20 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7429
Stddev	.9784
%RSD	35.671

#1	3.7943
#2	1.8592
#3	2.5751

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.0	40764.	3983.0	18.675	2756.3
Stddev	39.9	16.	15.3	.967	39.2
%RSD	1.1454	.03884	.38443	5.1801	1.4230

#1	3474.2	40755.	3966.3	18.959	2731.5
#2	3451.7	40755.	3996.3	19.468	2735.9
#3	3529.2	40782.	3986.4	17.597	2801.5

Sample Name: CCB05 Acquired: 3/4/2019 16:10:19 Type: Unk
Method: P4-ICP2(v2905) 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	-.00126	.00087	.00001	-.00087	.00006	.00895	-.03636
Stddev	.00059	.00126	.00155	.00195	.00144	.01202	.00096
%RSD	46.674	144.18	25369.	222.55	2318.9	134.40	2.6311

#1	-.00074	-.00058	.00103	-.00050	-.00098	-.00067	-.03737
#2	-.00114	.00170	.00077	-.00298	.00171	.00508	-.03622
#3	-.00189	.00150	-.00178	.00086	-.00054	.02243	-.03547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00010	-.00978	.00019	-.00013	.00121	-.00405
Stddev	.00007	.00016	.01889	.00020	.00018	.00025	.00140
%RSD	152.74	166.30	193.06	106.32	137.28	20.381	34.689

#1	.00008	-.00013	.01177	.00038	-.00025	.00138	-.00289
#2	.00010	-.00024	-.02345	.00022	-.00024	.00093	-.00364
#3	-.00004	.00008	-.01767	-.00002	.00008	.00131	-.00561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03081	.00001	.00099	-.04384	-.00050	.00006
Stddev	.00002	.06176	.00031	.00081	.00416	.00018	.00005
%RSD	57.668	200.47	2809.9	81.669	9.4839	37.244	82.709

#1	.00001	.09343	.00019	.00173	-.04101	-.00069	.00001
#2	.00006	-.03005	-.00035	.00013	-.04861	-.00032	.00010
#3	.00004	.02904	.00018	.00112	-.04189	-.00048	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10363	.00043	.00563	F -.01639	.00536	-.00073	-.00168
Stddev	.01603	.00029	.00522	.00839	.00152	.00045	.00200
%RSD	15.473	66.894	92.760	51.233	28.304	61.412	118.62

#1	.12176	.00050	.00112	-.00863	.00625	-.00117	-.00281
#2	.09782	.00067	.01135	-.02530	.00623	-.00073	.00062
#3	.09131	.00011	.00442	-.01523	.00361	-.00028	-.00286

Sample Name: CCB05 Acquired: 3/4/2019 16:10:19 Type: Unk
 Method: P4-ICP2(v2905) 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	.00037	.0030	.00009	F 4.2210	F<.00000
Stddev	.00057	.0011	.00012	.1138	.65828
%RSD	156.34	37.84	126.04	2.6951	24.181
#1	.00016	.0042	.00016	4.2276	-2.9649
#2	.00101	.0027	.00016	4.1040	-3.2248
#3	-.00008	.0020	-.00004	4.3313	-1.9771
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.9	42075.	3986.9	19.692	3106.4
Stddev	7.5	45.	54.6	1.591	3.1
%RSD	.21273	.10804	1.3692	8.0818	.09923
#1	3535.3	42045.	3964.6	18.350	3110.0
#2	3547.5	42128.	3947.0	19.275	3104.6
#3	3549.0	42053.	4049.1	21.450	3104.7

Sample Name: PB117587BL Acquired: 3/4/2019 16:14:47 Type: Unk
Method: P4-ICP2(v2905) 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	-.00422	-.00023	-.00137	-.00139	-.00102	-.00977	-.03200
Stddev	.00334	.00096	.00040	.00290	.00040	.00462	.00723
%RSD	79.082	422.77	29.073	208.96	39.131	47.312	22.585

#1	-.00696	-.00020	-.00124	-.00093	-.00117	-.01379	-.02368
#2	-.00521	.00072	-.00105	-.00449	-.00056	-.01078	-.03568
#3	-.00050	-.00120	-.00182	.00126	-.00131	-.00472	-.03665

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00010	-.00471	.00008	-.00010	.00081	-.00234
Stddev	.00010	.00006	.02790	.00022	.00007	.00109	.00072
%RSD	84.644	64.324	592.31	262.87	68.437	133.81	30.806

#1	.00001	-.00017	.02378	-.00003	-.00008	-.00028	-.00281
#2	.00021	-.00008	-.03198	.00034	-.00005	.00083	-.00151
#3	.00012	-.00005	-.00593	-.00005	-.00018	.00189	-.00271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.05391	-.00017	.00054	-.04012	-.00048	-.00007
Stddev	.00004	.04745	.00020	.00025	.00419	.00032	.00010
%RSD	146.38	88.008	119.43	47.301	10.449	65.108	148.28

#1	.00002	-.06843	-.00005	.00064	-.04237	-.00035	-.00005
#2	-.00004	-.00090	-.00039	.00073	-.03529	-.00084	.00003
#3	-.00005	-.09241	-.00005	.00025	-.04271	-.00026	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10742	.00030	.00561	F -.02103	.00412	-.00115	-.00104
Stddev	.04015	.00028	.00441	.01700	.00158	.00064	.00117
%RSD	37.378	92.567	78.745	80.851	38.250	55.131	111.99

#1	.13868	.00027	.00055	-.04049	.00418	-.00186	-.00233
#2	.12143	.00004	.00872	-.00907	.00566	-.00096	-.00003
#3	.06214	.00059	.00754	-.01353	.00251	-.00063	-.00078

Sample Name: PB117587BL Acquired: 3/4/2019 16:14:47 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	.0005	-.00007	F 4.6283	F<.00000
Stddev	.00072	.0009	.00009	.1884	.44031
%RSD	21.449	206.5	124.97	4.0714	19.120

#1	-.00273	.0001	-.00014	4.5006	-2.6824
#2	-.00416	-.0002	-.00009	4.5396	-1.8201
#3	-.00323	.0015	.00003	4.8447	-2.4062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3552.4	41902.	3953.4	19.292	3107.0
Stddev	16.0	20.	22.6	1.510	26.4
%RSD	.45079	.04883	.57058	7.8253	.84967

#1	3538.7	41883.	3931.3	20.100	3079.3
#2	3548.5	41924.	3976.4	17.550	3109.8
#3	3570.0	41898.	3952.6	20.225	3131.8

Sample Name: PB117587BS Acquired: 3/4/2019 16:19:16 Type: Unk
Method: P4-ICP2(v2905) 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	.83185	2.1065	1.0766	2.0910	.88735	2.1854	.16318
Stddev	.00518	.0063	.0012	.0119	.00568	.0287	.00641
%RSD	.62326	.30086	.10976	.57050	.64032	1.3119	3.9262

#1	.83346	2.0992	1.0762	2.0906	.88907	2.1683	.16804
#2	.83603	2.1105	1.0756	2.1031	.89198	2.1693	.15592
#3	.82605	2.1098	1.0779	2.0792	.88101	2.2185	.16559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20259	.20022	.99923	.43507	.21930	.27130	2.9691
Stddev	.00088	.00022	.02079	.00107	.00019	.00179	.0129
%RSD	.43478	.11174	2.0804	.24666	.08699	.66067	.43350

#1	.20249	.20044	1.0182	.43460	.21941	.27078	2.9702
#2	.20352	.20023	1.0026	.43430	.21942	.27329	2.9814
#3	.20176	.19999	.97698	.43629	.21908	.26982	2.9557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22349	2.0937	.41367	.06543	2.8097	.30224	.17549
Stddev	.00062	.0427	.00171	.00077	.0055	.00365	.00031
%RSD	.27875	2.0401	.41416	1.1695	.19604	1.2076	.17737

#1	.22284	2.0673	.41564	.06600	2.8161	.30558	.17581
#2	.22409	2.0709	.41290	.06456	2.8067	.29834	.17548
#3	.22354	2.1430	.41248	.06573	2.8064	.30278	.17518

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1966	.45008	.26981	F -.00694	.87203	.68305	.20059
Stddev	.0413	.00444	.00425	.01442	.01491	.00183	.00204
%RSD	.44925	.98614	1.5755	207.62	1.7102	.26800	1.0194

#1	9.2148	.45103	.26726	-.01613	.88884	.68512	.20276
#2	9.2256	.45396	.26746	-.01438	.86039	.68239	.20029
#3	9.1493	.44524	.27472	.00967	.86685	.68165	.19870

Sample Name: PB117587BS Acquired: 3/4/2019 16:19:16 Type: Unk
 Method: P4-ICP2(v2905) 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	.21134	5.701	.16188	F 4.6995	F 14.846
Stddev	.00279	.023	.00068	.1905	.232
%RSD	1.3209	.4039	.41770	4.0541	1.5645
#1	.21410	5.721	.16256	4.4800	14.665
#2	.21140	5.707	.16186	4.7957	14.764
#3	.20852	5.676	.16121	4.8227	15.108
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.7	41836.	3958.1	20.406	3035.4
Stddev	35.4	56.	31.0	1.650	19.8
%RSD	1.0104	.13427	.78248	8.0869	.65116
#1	3498.9	41771.	3928.0	18.742	3025.3
#2	3475.8	41872.	3956.3	20.433	3022.7
#3	3545.4	41864.	3989.9	22.042	3058.2

Sample Name: PB117587TB Acquired: 3/4/2019 16:23:26 Type: Unk
Method: P4-ICP2(v2905) 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	-.00422	-.00529	.00043	.00392	.00036	-.00356	-.04465	-.00003
Stddev	.00149	.00249	.00137	.00431	.00190	.01200	.00373	.00007
%RSD	35.297	47.133	319.37	109.99	535.55	337.29	8.3464	238.67
#1	-.00594	-.00252	-.00039	.00830	.00048	.00907	-.04789	-.00009
#2	-.00326	-.00734	-.00033	.00379	-.00161	-.01482	-.04058	.00005
#3	-.00347	-.00600	.00201	-.00033	.00219	-.00492	-.04548	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00904	.00144	-.00045	.00053	-.00244	.00014	.01681
Stddev	.00004	.00412	.00028	.00013	.00024	.00118	.00005	.05454
%RSD	15.300	45.628	19.676	28.393	45.623	48.479	37.447	324.45
#1	-.00029	-.00645	.00150	-.00031	.00025	-.00368	.00009	.07877
#2	-.00027	-.00687	.00168	-.00055	.00069	-.00229	.00019	-.02394
#3	-.00022	-.01380	.00113	-.00048	.00063	-.00133	.00012	-.00439
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00429	.00328	F 301.41	-.00012	.00081	.15974	.00049	-.00091
Stddev	.00020	.00027	4.30	.00023	.00013	.02799	.00011	.00446
%RSD	4.6136	8.3775	1.4255	191.47	15.863	17.525	22.343	489.25
#1	.00421	.00298	306.32	-.00015	.00086	.12742	.00062	-.00344
#2	.00415	.00352	299.61	.00012	.00066	.17557	.00042	-.00353
#3	.00452	.00333	298.31	-.00033	.00090	.17623	.00043	.00423
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00963	.01066	.00156	-.00052	-.00361	.0024	-.00004	6.7487
Stddev	.00438	.00383	.00047	.00009	.00185	.0004	.00013	.1350
%RSD	45.485	35.874	30.048	16.599	51.290	17.07	302.56	1.9999
#1	-.01468	.01240	.00102	-.00058	-.00449	.0019	-.00012	6.9046
#2	-.00728	.01331	.00186	-.00042	-.00485	.0026	.00011	6.6707
#3	-.00692	.00628	.00181	-.00056	-.00148	.0027	-.00012	6.6709

Sample Name: PB117587TB Acquired: 3/4/2019 16:23:26 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .63186
%RSD 11.616

#1 -6.1384
#2 -4.9087
#3 -5.2715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.0	39017.	4020.4	19.983	2720.4
Stddev	2.5	117.	51.8	2.098	5.1
%RSD	.07481	.30112	1.2893	10.500	.18784

#1	3365.9	38882.	3960.9	18.925	2716.1
#2	3362.1	39082.	4044.9	18.625	2719.0
#3	3366.9	39088.	4055.5	22.400	2726.1

Sample Name: PB117588BL Acquired: 3/4/2019 16:28:04 Type: Unk
Method: P4-ICP2(v2905) 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	-.00155	.00114	-.00023	-.00115	-.00081	.00261	-.03502
Stddev	.00225	.00041	.00105	.00063	.00138	.01707	.00354
%RSD	145.05	36.049	457.39	55.093	169.99	654.52	10.098

#1	-.00258	.00067	-.00031	-.00102	-.00040	.01804	-.03877
#2	-.00311	.00135	-.00124	-.00059	-.00234	.00550	-.03455
#3	.00103	.00141	.00086	-.00183	.00031	-.01572	-.03174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00011	-.01455	.00003	-.00015	.00058	-.00493
Stddev	.00006	.00002	.01175	.00028	.00022	.00039	.00027
%RSD	57.294	18.682	80.734	930.99	149.22	66.416	5.3970

#1	.00011	-.00013	-.02055	-.00026	.00011	.00097	-.00518
#2	.00015	-.00013	-.02208	.00004	-.00028	.00019	-.00465
#3	.00004	-.00009	-.00101	.00031	-.00027	.00059	-.00496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.03386	.00016	.00084	.02207	-.00025	-.00008
Stddev	.00008	.03795	.00028	.00048	.01361	.00027	.00018
%RSD	190.92	112.07	180.06	57.589	61.640	107.03	215.67

#1	-.00003	.00201	.00042	.00123	.03778	-.00038	-.00001
#2	.00013	-.03000	-.00014	.00098	.01464	.00006	.00005
#3	.00002	-.07360	.00019	.00030	.01380	-.00043	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16034	.00002	.00204	F -.01191	.00291	-.00069	-.00023
Stddev	.03378	.00046	.00398	.00864	.00058	.00058	.00121
%RSD	21.071	2229.0	194.96	72.534	19.897	83.363	525.92

#1	.13054	-.00048	-.00192	-.00280	.00318	-.00062	-.00146
#2	.19704	.00042	.00201	-.01294	.00329	-.00016	.00096
#3	.15343	.00012	.00604	-.01999	.00224	-.00130	-.00019

Sample Name: PB117588BL Acquired: 3/4/2019 16:28:04 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.0003	-.00008	F 4.2745	F<.00000
Stddev	.00231	.0010	.00011	.0810	.35973
%RSD	1049.2	353.7	141.93	1.8947	20.326
#1	-.00228	.0010	-.00002	4.3549	-2.1558
#2	.00228	.0008	-.00001	4.2756	-1.7096
#3	-.00066	-.0009	-.00021	4.1929	-1.4439
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.6	42270.	4000.9	19.539	3143.6
Stddev	9.1	214.	26.1	.864	4.1
%RSD	.25253	.50663	.65197	4.4194	.12897
#1	3606.9	42201.	4025.2	18.567	3138.9
#2	3589.7	42510.	3973.4	19.833	3145.5
#3	3593.3	42099.	4004.0	20.217	3146.2

Sample Name: PB117588BS Acquired: 3/4/2019 16:32:31 Type: Unk
Method: P4-ICP2(v2905) 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	.85217	2.1717	1.1058	2.1336	.91543	2.2047	.16257
Stddev	.00352	.0085	.0005	.0107	.00319	.0138	.00449
%RSD	.41251	.39277	.04254	.50320	.34876	.62364	2.7632

#1	.85121	2.1769	1.1061	2.1290	.91639	2.2112	.15744
#2	.84923	2.1619	1.1061	2.1260	.91187	2.1889	.16581
#3	.85606	2.1764	1.1053	2.1459	.91804	2.2139	.16445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20688	.20525	.98748	.43929	.22437	.27606	2.9974
Stddev	.00026	.00035	.00854	.00181	.00019	.00102	.0120
%RSD	.12394	.17188	.86481	.41247	.08318	.36797	.39908

#1	.20691	.20563	.97946	.43951	.22427	.27700	2.9875
#2	.20661	.20494	.98652	.43738	.22426	.27498	3.0107
#3	.20712	.20518	.99646	.44098	.22459	.27621	2.9941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22642	2.0370	.42128	.06525	2.8348	.30131	.17925
Stddev	.00036	.0479	.00089	.00094	.0114	.00223	.00039
%RSD	.15722	2.3527	.21040	1.4463	.40280	.74013	.21808

#1	.22601	2.0216	.42031	.06634	2.8276	.30359	.17906
#2	.22661	2.0908	.42206	.06465	2.8289	.29914	.17899
#3	.22665	1.9987	.42147	.06477	2.8480	.30118	.17970

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3019	.46148	.28215	F -.03045	.88261	.70405	.20661
Stddev	.0277	.00206	.00635	.02513	.00229	.00228	.00336
%RSD	.29810	.44724	2.2521	82.531	.25935	.32338	1.6249

#1	9.2801	.46209	.27489	-.05451	.87997	.70145	.20411
#2	9.2924	.45918	.28672	-.03249	.88393	.70498	.20529
#3	9.3331	.46317	.28483	-.00436	.88393	.70571	.21042

Sample Name: PB117588BS Acquired: 3/4/2019 16:32:31 Type: Unk
 Method: P4-ICP2(v2905) 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	.21503	5.851	.16313	F 4.6228	F 14.767
Stddev	.00353	.000	.00157	.1535	1.100
%RSD	1.6415	.0054	.96505	3.3193	7.4510
#1	.21096	5.851	.16143	4.7573	15.991
#2	.21693	5.851	.16343	4.4557	13.859
#3	.21720	5.851	.16453	4.6555	14.451
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.8	42337.	4010.2	20.233	3039.6
Stddev	7.4	68.	13.2	1.451	8.8
%RSD	.21055	.16026	.33006	7.1694	.28971
#1	3519.7	42313.	4022.5	19.200	3029.9
#2	3534.4	42414.	3996.2	19.608	3041.9
#3	3529.2	42285.	4011.8	21.892	3047.0

Sample Name: PB117588TB Acquired: 3/4/2019 16:36:38 Type: Unk
Method: P4-ICP2(v2905) 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	-.00469	-.00237	.00009	.00375	.00054	-.01357	-.04066
Stddev	.00157	.00077	.00136	.00559	.00157	.00825	.00154
%RSD	33.573	32.372	1522.6	149.06	291.19	60.835	3.7876

#1	-.00560	-.00322	-.00068	-.00209	-.00127	-.01224	-.04242
#2	-.00287	-.00173	-.00072	.00905	.00157	-.00606	-.04005
#3	-.00560	-.00216	.00166	.00430	.00131	-.02240	-.03953

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00034	-.01266	.00170	-.00040	.00156	-.00102
Stddev	.00008	.00005	.02508	.00039	.00021	.00048	.00153
%RSD	82.245	15.673	198.06	23.019	52.386	30.985	150.60

#1	-.00004	-.00029	-.01443	.00173	-.00022	.00105	-.00086
#2	-.00006	-.00039	-.03681	.00207	-.00064	.00200	.00043
#3	-.00019	-.00033	.01325	.00129	-.00035	.00164	-.00262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.02442	.00423	.00305	F 310.79	-.00020	.00123
Stddev	.00005	.03494	.00089	.00074	.82	.00007	.00013
%RSD	38.568	143.09	21.143	24.340	.26523	36.702	10.408

#1	.00008	-.00054	.00457	.00259	311.14	-.00012	.00138
#2	.00019	-.00820	.00490	.00265	311.39	-.00024	.00117
#3	.00013	-.06452	.00322	.00391	309.85	-.00025	.00115

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16497	.00057	-.00017	F -.01870	.00848	.00151	-.00120
Stddev	.05603	.00020	.00431	.00709	.00120	.00074	.00057
%RSD	33.965	34.644	2578.0	37.917	14.155	49.058	47.318

#1	.10377	.00079	-.00511	-.01757	.00985	.00066	-.00076
#2	.17738	.00051	.00278	-.01224	.00794	.00188	-.00184
#3	.21376	.00041	.00182	-.02629	.00764	.00199	-.00100

Sample Name: PB117588TB Acquired: 3/4/2019 16:36:38 Type: Unk
 Method: P4-ICP2(v2905) 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	-.00131	.0011	-.00010	6.8748	<.00000
Stddev	.00113	.0004	.00017	.0838	.23298
%RSD	86.807	38.91	175.88	1.2196	4.4123
#1	-.00172	.0016	.00010	6.9708	-5.0876
#2	-.00217	.0008	-.00015	6.8374	-5.2137
#3	-.00002	.0010	-.00024	6.8161	-5.5391
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.7	38826.	4017.5	19.383	2701.2
Stddev	11.6	10.	18.1	.880	5.5
%RSD	.34740	.02467	.44954	4.5419	.20326
#1	3343.3	38828.	3997.3	19.725	2700.3
#2	3333.9	38835.	4023.4	18.383	2696.2
#3	3357.0	38816.	4032.0	20.042	2707.1

Sample Name: PB117589BL Acquired: 3/4/2019 16:41:15 Type: Unk
Method: P4-ICP2(v2905) 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	-.00005	-.00089	.00005	-.00134	-.00057	-.00180	-.03582
Stddev	.00178	.00270	.00047	.00122	.00139	.00980	.00283
%RSD	3423.0	305.26	973.97	91.429	244.03	544.37	7.9102

#1	-.00210	-.00316	.00057	-.00038	.00103	-.00868	-.03485
#2	.00093	-.00160	-.00007	-.00272	-.00128	-.00614	-.03360
#3	.00102	.00210	-.00035	-.00091	-.00146	.00942	-.03901

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00018	-.01969	.00031	.00005	.00068	-.00304
Stddev	.00002	.00005	.00929	.00016	.00012	.00031	.00095
%RSD	27.080	30.988	47.163	52.989	248.08	45.507	31.431

#1	.00008	-.00024	-.00997	.00035	-.00006	.00040	-.00388
#2	.00005	-.00014	-.02063	.00045	.00002	.00102	-.00323
#3	.00008	-.00015	-.02847	.00013	.00018	.00063	-.00200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00137	-.00025	.00068	.04366	-.00039	.00000
Stddev	.00006	.01033	.00085	.00049	.01122	.00030	.00016
%RSD	190.01	751.78	344.84	72.796	25.702	78.599	3125.0

#1	.00004	-.01328	.00019	.00091	.05473	-.00074	-.00017
#2	.00008	.00520	-.00122	.00011	.03229	-.00023	.00010
#3	-.00003	.00396	.00029	.00101	.04396	-.00020	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13188	.00033	.00236	F -.01717	.00392	-.00104	-.00043
Stddev	.02690	.00021	.00496	.01136	.00269	.00054	.00163
%RSD	20.400	63.660	209.86	66.143	68.459	51.913	382.24

#1	.12991	.00009	.00372	-.03026	.00688	-.00146	.00043
#2	.15971	.00046	-.00314	-.01137	.00327	-.00123	-.00230
#3	.10601	.00043	.00651	-.00989	.00162	-.00043	.00060

Sample Name: PB117589BL Acquired: 3/4/2019 16:41:15 Type: Unk
Method: P4-ICP2(v2905) 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	.00012	-.0006	-.00015	F 4.4912	F<.00000
Stddev	.00108	.0009	.00009	.1837	1.7087
%RSD	941.98	161.8	60.591	4.0898	55.346
#1	-.00001	-.0016	-.00007	4.5383	-2.3134
#2	-.00090	.0001	-.00014	4.2885	-1.9024
#3	.00126	-.0002	-.00025	4.6467	-5.0459
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3555.1	42105.	3961.0	19.167	3107.1
Stddev	4.4	133.	18.2	.381	20.6
%RSD	.12338	.31704	.45968	1.9886	.66184
#1	3550.9	42122.	3940.2	18.733	3123.3
#2	3559.7	42229.	3974.4	19.450	3084.0
#3	3554.7	41964.	3968.3	19.317	3114.0

Sample Name: PB117589BS Acquired: 3/4/2019 16:45:43 Type: Unk
Method: P4-ICP2(v2905) 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	.85208	2.1534	1.0981	2.1328	.91345	2.2248	.16478
Stddev	.00145	.0025	.0032	.0142	.00402	.0385	.00319
%RSD	.16975	.11610	.29275	.66688	.44015	1.7317	1.9338

#1	.85293	2.1563	1.0993	2.1167	.90881	2.1959	.16326
#2	.85041	2.1519	1.0945	2.1379	.91590	2.2686	.16265
#3	.85290	2.1520	1.1006	2.1438	.91563	2.2099	.16845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20657	.20430	.99897	.44046	.22391	.27359	2.9839
Stddev	.00032	.00017	.01941	.00105	.00088	.00184	.0490
%RSD	.15539	.08490	1.9431	.23740	.39380	.67240	1.6434

#1	.20620	.20450	1.0190	.43958	.22382	.27397	2.9642
#2	.20680	.20418	.98025	.44019	.22309	.27159	2.9478
#3	.20669	.20423	.99765	.44162	.22484	.27521	3.0397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22673	2.0349	.41679	.06643	2.8500	.30495	.17833
Stddev	.00035	.0084	.00125	.00066	.0096	.00140	.00048
%RSD	.15322	.41159	.29951	.99152	.33657	.45953	.26800

#1	.22665	2.0379	.41815	.06719	2.8438	.30651	.17830
#2	.22711	2.0413	.41570	.06600	2.8611	.30453	.17786
#3	.22643	2.0254	.41652	.06610	2.8452	.30380	.17882

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2667	.46181	.26504	F -.02985	.87450	.69893	.20411
Stddev	.0111	.00310	.00492	.02441	.00935	.00230	.00170
%RSD	.11970	.67188	1.8553	81.793	1.0697	.32846	.83399

#1	9.2540	.45928	.27071	-.05016	.87924	.70099	.20602
#2	9.2722	.46087	.26237	-.00276	.86372	.69934	.20277
#3	9.2740	.46527	.26203	-.03662	.88054	.69645	.20353

Sample Name: PB117589BS Acquired: 3/4/2019 16:45:43 Type: Unk
 Method: P4-ICP2(v2905) 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	.21462	5.817	.16221	F 4.8374	F 14.926
Stddev	.00084	.015	.00156	.0699	.334
%RSD	.39091	.2558	.95935	1.4447	2.2360
#1	.21559	5.832	.16078	4.7568	14.600
#2	.21423	5.802	.16387	4.8814	14.911
#3	.21405	5.816	.16197	4.8740	15.266
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.5	41960.	3999.6	20.075	3032.9
Stddev	5.2	64.	45.2	.498	20.1
%RSD	.15010	.15300	1.1299	2.4806	.66391
#1	3498.3	41944.	3995.2	20.367	3012.6
#2	3490.6	41904.	4046.9	20.358	3033.2
#3	3500.6	42030.	3956.8	19.500	3052.9

Sample Name: PB117589TB Acquired: 3/4/2019 16:49:51 Type: Unk
Method: P4-ICP2(v2905) 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	-.00694	-.00253	-.00027	.00327	-.00007	-.00281	-.04318	-.00003
Stddev	.00190	.00099	.00039	.00270	.00177	.00807	.00270	.00005
%RSD	27.409	39.208	143.71	82.538	2476.4	286.83	6.2488	186.30
#1	-.00666	-.00148	-.00049	.00018	.00186	.00223	-.04218	.00001
#2	-.00519	-.00266	-.00050	.00516	-.00046	-.01211	-.04624	-.00009
#3	-.00897	-.00346	.00018	.00449	-.00161	.00145	-.04113	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00688	.00146	-.00041	.00132	-.00289	.00025	.00295
Stddev	.00002	.00934	.00047	.00015	.00035	.00097	.00004	.02484
%RSD	6.4639	135.81	32.437	35.325	26.197	33.466	15.458	841.71
#1	-.00034	.01704	.00201	-.00045	.00112	-.00186	.00030	.03159
#2	-.00034	.00492	.00117	-.00054	.00112	-.00378	.00022	-.01007
#3	-.00038	-.00133	.00121	-.00025	.00172	-.00304	.00023	-.01267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00428	.00344	F 304.72	-.00063	.00298	.15578	.00055	.01007
Stddev	.00123	.00056	.61	.00019	.00015	.04436	.00010	.00540
%RSD	28.664	16.141	.20034	30.566	5.2040	28.473	17.265	53.651
#1	.00296	.00407	305.00	-.00084	.00312	.14197	.00065	.01369
#2	.00449	.00324	304.02	-.00059	.00281	.11998	.00055	.01267
#3	.00539	.00301	305.14	-.00046	.00300	.20541	.00046	.00386
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.01035	-.00001	.00108	-.00126	-.0004	-.00013	7.0256
Stddev	.00583	.00176	.00098	.00084	.00090	.0017	.00006	.1469
%RSD	528.37	16.989	7734.6	78.166	70.833	403.5	49.687	2.0912
#1	-.00782	.01237	-.00114	.00186	-.00028	-.0006	-.00006	7.0613
#2	.00185	.00918	.00059	.00018	-.00202	.0013	-.00017	7.1514
#3	.00266	.00950	.00051	.00120	-.00150	-.0020	-.00016	6.8642

Sample Name: PB117589TB Acquired: 3/4/2019 16:49:51 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.1666
%RSD	18.603

#1	-7.4931
#2	-6.1517
#3	-5.1690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.1	38662.	3977.5	19.314	2704.6
Stddev	19.1	105.	12.1	.434	16.5
%RSD	.57138	.27031	.30368	2.2458	.60971

#1	3325.1	38545.	3963.8	19.292	2693.9
#2	3329.2	38695.	3986.6	19.758	2696.2
#3	3360.0	38746.	3982.2	18.892	2723.6

Sample Name: K1650-15 Acquired: 3/4/2019 16:54:27 Type: Unk
Method: P4-ICP2(v2905) 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	.00298	-.03568	.16129	-.10198	-.01791	176.95	.59712	.01657
Stddev	.00404	.00192	.00064	.00342	.00212	.16	.00326	.00015
%RSD	135.46	5.3755	.39912	3.3551	11.852	.09034	.54625	.92704
#1	.00542	-.03396	.16064	-.09884	-.01564	176.90	.60043	.01661
#2	.00521	-.03533	.16130	-.10146	-.01824	177.13	.59391	.01640
#3	-.00168	-.03775	.16193	-.10563	-.01984	176.83	.59702	.01669
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	13.443	.25208	.16568	.33943	223.95	9.3428	61.786
Stddev	.00027	.073	.00054	.00052	.00066	2.49	.0257	.405
%RSD	6.1324	.54522	.21584	.31624	.19489	1.1097	.27485	.65516
#1	.00410	13.516	.25209	.16565	.33895	226.12	9.3719	62.251
#2	.00450	13.369	.25153	.16517	.34018	221.24	9.3329	61.514
#3	.00461	13.442	.25262	.16622	.33915	224.48	9.3235	61.593
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23369	.02018	1.8407	.30066	.70541	15.405	.01089	-.01927
Stddev	.00199	.00049	.0112	.00247	.00216	.098	.00028	.00600
%RSD	.85304	2.4443	.60638	.82212	.30598	.63584	2.5625	31.155
#1	.23146	.02062	1.8534	.29870	.70521	15.509	.01102	-.01280
#2	.23531	.01965	1.8326	.30344	.70767	15.315	.01107	-.02035
#3	.23431	.02027	1.8360	.29985	.70337	15.389	.01057	-.02466
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07687	2.6264	.01920	3.1224	.28291	4.133	-.15724	<.00000
Stddev	.01037	.0156	.00150	.0058	.00173	.004	.00220	.44767
%RSD	13.489	.59551	7.8056	.18478	.61224	.1048	1.3968	20.904
#1	.07320	2.6309	.02027	3.1285	.28177	4.138	-.15864	-1.8461
#2	.08858	2.6393	.01985	3.1216	.28491	4.131	-.15471	-2.6566
#3	.06884	2.6090	.01749	3.1171	.28207	4.130	-.15837	-1.9218

Sample Name: K1650-15 Acquired: 3/4/2019 16:54:27 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 921.18
Stddev 5.40
%RSD .58649

#1 925.97
#2 922.24
#3 915.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4071.5	47458.	4717.1	19.711	2690.3
Stddev	2.8	84.	24.9	1.837	3.1
%RSD	.06976	.17694	.52811	9.3198	.11603

#1	4068.2	47435.	4693.3	21.562	2688.9
#2	4073.2	47550.	4743.0	17.888	2688.1
#3	4073.0	47387.	4715.0	19.683	2693.8

Sample Name: CCV06 Acquired: 3/4/2019 17:08:34 Type: Unk
Method: P4-ICP2(v2905) 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	5.0891	5.2199	5.4514	5.0521	5.2516	10.153	9.8210	.25240
Stddev	.0148	.0257	.0379	.0170	.0211	.078	.0559	.00051
%RSD	.29019	.49199	.69590	.33660	.40141	.77031	.56930	.20178
#1	5.0870	5.2495	5.4951	5.0628	5.2753	10.083	9.8735	.25264
#2	5.0755	5.2036	5.4278	5.0325	5.2447	10.139	9.8272	.25274
#3	5.1048	5.2065	5.4311	5.0611	5.2349	10.237	9.7622	.25181
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5512	24.475	.98548	2.6834	1.2444	4.9774	2.5092	24.248
Stddev	.0131	.167	.00096	.0117	.0024	.0338	.0024	.074
%RSD	.51408	.68030	.09721	.43628	.19501	.67950	.09697	.30622
#1	2.5664	24.660	.98449	2.6969	1.2420	5.0062	2.5095	24.331
#2	2.5435	24.336	.98640	2.6768	1.2443	4.9860	2.5115	24.190
#3	2.5438	24.429	.98554	2.6765	1.2469	4.9402	2.5067	24.222
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5515	1.3104	23.276	2.2550	2.4132	22.534	5.1296	F 4.1029
Stddev	.0100	.0054	.116	.0061	.0083	.130	.0077	.0368
%RSD	.39352	.40916	.49894	.27147	.34573	.57514	.15022	.89781
#1	2.5539	1.3163	23.392	2.2606	2.4218	22.683	5.1348	4.1147
#2	2.5600	1.3058	23.277	2.2560	2.4127	22.449	5.1208	4.1324
#3	2.5404	1.3092	23.160	2.2485	2.4052	22.470	5.1333	4.0616
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9723	F 4.4142	5.0788	4.7822	4.5056	5.090	F 3.5700	F 6.7187
Stddev	.0899	.0177	.0273	.0178	.0282	.031	.0131	.0248
%RSD	1.8087	.40059	.53720	.37141	.62515	.6173	.36691	.36895
#1	5.0759	4.4324	5.1102	4.7954	4.5289	5.125	3.5838	6.7193
#2	4.9264	4.3971	5.0606	4.7620	4.5137	5.065	3.5685	6.6937
#3	4.9146	4.4131	5.0657	4.7893	4.4743	5.078	3.5577	6.7432

Sample Name: CCV06 Acquired: 3/4/2019 17:08:34 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.2957
Stddev	1.8265
%RSD	42.519

#1	4.4822
#2	6.0219
#3	2.3832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.6	40255.	3967.9	18.127	2714.4
Stddev	7.2	144.	31.0	1.409	17.9
%RSD	.20670	.35735	.78058	7.7750	.65789

#1	3453.3	40112.	3933.5	19.753	2694.2
#2	3466.1	40254.	3976.5	17.276	2721.0
#3	3465.4	40400.	3993.6	17.350	2728.0

Sample Name: CCB06 Acquired: 3/4/2019 17:12:33 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	.00009	.00006	-.00178	-.00061	.00587	-.02954
Stddev	.00151	.00239	.00110	.00138	.00181	.00731	.00300
%RSD	323.82	2532.7	1987.5	77.491	295.61	124.51	10.154

#1	.00093	.00138	-.00075	-.00264	-.00248	-.00145	-.03244
#2	-.00026	.00157	.00131	-.00019	-.00049	.00589	-.02645
#3	-.00207	-.00266	-.00039	-.00252	.00113	.01318	-.02971

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00016	-.01358	.00017	-.00012	.00009	-.00194
Stddev	.00006	.00009	.01238	.00004	.00011	.00042	.00057
%RSD	30.163	60.506	91.158	20.529	94.810	476.58	29.366

#1	.00013	-.00005	-.00192	.00020	-.00020	.00047	-.00254
#2	.00025	-.00017	-.02657	.00019	.00001	-.00037	-.00190
#3	.00019	-.00024	-.01225	.00013	-.00018	.00016	-.00140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01401	-.00038	.00079	-.02287	-.00015	-.00015
Stddev	.00004	.03353	.00086	.00080	.00659	.00041	.00007
%RSD	3139.0	239.35	224.64	101.16	28.819	270.45	47.124

#1	.00004	-.02444	-.00136	.00008	-.02062	-.00048	-.00017
#2	-.00003	.02927	.00024	.00165	-.01769	-.00028	-.00007
#3	-.00000	.03719	-.00003	.00063	-.03029	.00031	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12704	.00047	.00906	F -.01832	.00555	-.00077	-.00107
Stddev	.02863	.00029	.00611	.00377	.00110	.00061	.00167
%RSD	22.533	61.981	67.445	20.594	19.913	79.990	156.89

#1	.09706	.00067	.00211	-.02267	.00624	-.00144	-.00202
#2	.12997	.00059	.01150	-.01592	.00427	-.00062	-.00204
#3	.15409	.00014	.01358	-.01636	.00613	-.00024	.00087

Sample Name: CCB06 Acquired: 3/4/2019 17:12:33 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00041	-0.0001	-0.00012	F 5.8498	F<.00000
Stddev	.00204	.0024	.00013	.1314	.83726
%RSD	494.08	1716.	106.58	2.2456	47.826
#1	.00096	-.0005	-.00028	5.9082	-.92634
#2	.00056	-.0024	-.00007	5.9418	-2.6003
#3	-.00276	.0024	-.00003	5.6993	-1.7253
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.7	41333.	3933.4	19.350	3080.7
Stddev	10.3	79.	24.1	1.329	10.3
%RSD	.28976	.19091	.61389	6.8686	.33488
#1	3527.4	41308.	3921.9	20.842	3069.2
#2	3541.4	41269.	3917.2	18.917	3083.9
#3	3547.4	41421.	3961.1	18.292	3089.1

Sample Name: K1650-16 Acquired: 3/4/2019 17:17:02 Type: Unk
Method: P4-ICP2(v2905) 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	.02593	-.02766	4.9299	-.17223	-.02339	173.74	.95239	.02054
Stddev	.00149	.00280	.0091	.00366	.00315	.08	.00511	.00020
%RSD	5.7612	10.130	.18463	2.1243	13.469	.04663	.53657	.98559
#1	.02762	-.02672	4.9349	-.16804	-.02702	173.65	.95264	.02065
#2	.02478	-.03081	4.9194	-.17481	-.02151	173.81	.94716	.02067
#3	.02538	-.02545	4.9354	-.17383	-.02162	173.76	.95737	.02031
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01204	125.96	.20749	.17277	.55372	311.38	8.8896	55.829
Stddev	.00052	.74	.00112	.00076	.00335	2.33	.0280	.181
%RSD	4.2894	.58915	.53776	.43730	.60496	.74977	.31495	.32469
#1	.01163	126.79	.20622	.17248	.55423	314.07	8.9093	56.000
#2	.01186	125.37	.20827	.17220	.55678	309.90	8.9018	55.639
#3	.01262	125.71	.20799	.17362	.55014	310.16	8.8575	55.848
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15706	.03689	4.2485	.33159	1.3037	15.841	.00669	-.12034
Stddev	.00100	.00039	.0172	.00033	.0016	.113	.00080	.00512
%RSD	.63550	1.0474	.40382	.09930	.11976	.71162	11.962	4.2532
#1	.15742	.03731	4.2672	.33146	1.3032	15.945	.00757	-.11457
#2	.15593	.03654	4.2335	.33135	1.3024	15.721	.00653	-.12435
#3	.15783	.03683	4.2446	.33197	1.3054	15.855	.00599	-.12208
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3964	3.0556	.32303	2.7553	.28856	F 12.31	-.02265	<.00000
Stddev	.0293	.0152	.00097	.0105	.00064	.03	.00157	.07396
%RSD	1.2225	.49630	.29983	.38127	.22078	.2099	6.9181	4.3063
#1	2.3654	3.0675	.32351	2.7651	.28819	12.32	-.02369	-1.6426
#2	2.4001	3.0385	.32366	2.7442	.28818	12.28	-.02340	-1.7905
#3	2.4236	3.0608	.32191	2.7565	.28929	12.32	-.02084	-1.7195

Sample Name: K1650-16 Acquired: 3/4/2019 17:17:02 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1463.3
Stddev 6.8
%RSD .46348

#1 1455.5
#2 1466.4
#3 1467.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3852.0	44882.	4564.1	19.190	2510.2
Stddev	5.8	126.	34.9	1.448	2.5
%RSD	.14988	.28030	.76488	7.5456	.09785

#1	3847.4	44744.	4524.3	17.531	2511.2
#2	3850.0	44911.	4589.6	20.201	2511.9
#3	3858.5	44991.	4578.3	19.838	2507.4

Sample Name: K1650-18 Acquired: 3/4/2019 17:21:37 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00467	.02978	-.00249	-.00388	12.533	.33319	.00118
Stddev	.00172	.00047	.00104	.00253	.00218	.162	.00588	.00008
%RSD	314.21	9.9943	3.4912	101.63	56.148	1.2917	1.7649	6.6266
#1	.00138	-.00475	.02913	-.00192	-.00144	12.412	.33693	.00112
#2	-.00193	-.00416	.03098	-.00030	-.00563	12.469	.33623	.00114
#3	-.00109	-.00508	.02923	-.00526	-.00457	12.717	.32641	.00127
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	42.626	.02377	.01144	.04052	15.143	1.7363	12.941
Stddev	.00004	.072	.00064	.00003	.00081	.086	.0066	.116
%RSD	5.3181	.16874	2.7065	.27941	2.0096	.56869	.38111	.89781
#1	-.00075	42.558	.02327	.01144	.04080	15.207	1.7323	12.852
#2	-.00078	42.617	.02354	.01148	.03961	15.177	1.7327	12.899
#3	-.00070	42.702	.02450	.01141	.04116	15.045	1.7440	13.073
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01491	.00201	53.308	.02424	.08725	5.4754	.00755	.03471
Stddev	.00031	.00029	.398	.00024	.00031	.0563	.00020	.00856
%RSD	2.0969	14.510	.74622	.97740	.35414	1.0290	2.6748	24.650
#1	.01474	.00190	53.505	.02435	.08708	5.4109	.00760	.03884
#2	.01527	.00234	53.570	.02397	.08761	5.5003	.00732	.04043
#3	.01472	.00179	52.851	.02441	.08707	5.5150	.00772	.02488
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6832	F 22.655	.00048	.41879	.02063	1.035	.14276	6.2306
Stddev	.0264	.222	.00052	.01163	.00132	.003	.00042	.1418
%RSD	.46455	.98052	107.56	2.7772	6.3777	.3249	.29099	2.2765
#1	5.6528	22.888	.00061	.40549	.01967	1.031	.14228	6.0964
#2	5.6970	22.629	.00093	.42380	.02009	1.037	.14298	6.2164
#3	5.6999	22.446	-.00009	.42707	.02213	1.037	.14301	6.3791

Sample Name: K1650-18 Acquired: 3/4/2019 17:21:37 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	38.586
Stddev	.863
%RSD	2.2369

#1	38.740
#2	39.361
#3	37.656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.9	40639.	3995.4	18.466	2824.4
Stddev	16.8	136.	39.5	.536	12.1
%RSD	.47833	.33447	.98980	2.9042	.42829

#1	3490.1	40712.	3965.5	17.850	2811.3
#2	3522.5	40723.	3980.4	18.831	2826.5
#3	3499.0	40482.	4040.2	18.715	2835.2

Sample Name: K1650-18DUP Acquired: 3/4/2019 17:26:00 Type: Unk
Method: P4-ICP2(v2905) 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	-.00239	-.00489	.02926	-.00157	-.00179	12.328	.33129	.00126
Stddev	.00224	.00133	.00008	.00245	.00246	.024	.00506	.00006
%RSD	93.639	27.189	.28308	155.53	137.52	.19203	1.5271	5.0376
#1	-.00355	-.00347	.02925	-.00386	-.00361	12.306	.32640	.00119
#2	-.00381	-.00611	.02919	.00101	-.00276	12.325	.33650	.00131
#3	.00019	-.00508	.02935	-.00187	.00101	12.353	.33096	.00128
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	42.691	.02454	.01153	.04109	15.359	1.7433	12.973
Stddev	.00013	.246	.00024	.00049	.00084	.056	.0027	.042
%RSD	19.454	.57580	.96409	4.2712	2.0530	.36219	.15214	.32317
#1	-.00062	42.408	.02475	.01203	.04191	15.352	1.7408	12.959
#2	-.00061	42.817	.02459	.01105	.04023	15.417	1.7461	12.940
#3	-.00084	42.849	.02428	.01150	.04115	15.307	1.7429	13.020
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01472	.00195	53.663	.02451	.08376	5.3887	.00742	.03294
Stddev	.00017	.00025	.302	.00037	.00025	.0366	.00015	.00998
%RSD	1.1820	12.639	.56321	1.5214	.29498	.67976	2.0032	30.284
#1	.01492	.00202	53.592	.02493	.08348	5.3466	.00725	.04446
#2	.01461	.00216	53.994	.02436	.08384	5.4066	.00753	.02722
#3	.01462	.00168	53.403	.02423	.08396	5.4129	.00748	.02715
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6589	F 22.690	-.00001	.39452	.02015	1.035	.14271	6.0798
Stddev	.0503	.028	.00091	.00570	.00151	.004	.00041	.1747
%RSD	.88855	.12538	7603.7	1.4459	7.5146	.3369	.28769	2.8737
#1	5.7088	22.707	-.00088	.40061	.01953	1.039	.14227	5.9374
#2	5.6596	22.706	.00094	.39365	.02188	1.032	.14308	6.2748
#3	5.6083	22.657	-.00010	.38930	.01905	1.034	.14279	6.0273

Sample Name: K1650-18DUP Acquired: 3/4/2019 17:26:00 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	38.983
Stddev	.811
%RSD	2.0805

#1	38.614
#2	39.913
#3	38.423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3507.7	40783.	3971.8	19.374	2840.7
Stddev	16.7	137.	16.5	.987	16.8
%RSD	.47720	.33507	.41537	5.0952	.59059

#1	3488.8	40790.	3958.3	18.339	2827.6
#2	3520.7	40644.	3967.0	19.480	2834.8
#3	3513.7	40917.	3990.2	20.304	2859.6

Sample Name: K1650-18LX5 Acquired: 3/4/2019 17:30:22 Type: Unk
Method: P4-ICP2(v2905) 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	-.00314	.00668	-.00023	-.00130	2.6605	.04956	.00041
Stddev	.00255	.00190	.00087	.00178	.00069	.0379	.00382	.00007
%RSD	2678.7	60.399	13.018	788.46	53.057	1.4230	7.6991	16.957

#1	.00217	-.00509	.00717	-.00161	-.00204	2.6178	.05140	.00046
#2	.00040	-.00130	.00567	.00179	-.00119	2.6902	.04517	.00033
#3	-.00286	-.00302	.00719	-.00086	-.00067	2.6734	.05210	.00044

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	9.2201	.00552	.00243	.00924	3.5814	.38560	2.8901
Stddev	.00009	.0410	.00039	.00020	.00042	.0344	.00023	.0570
%RSD	21.524	.44422	7.1221	8.2644	4.5111	.95959	.06042	1.9738

#1	-.00046	9.2660	.00508	.00239	.00935	3.6000	.38561	2.9527
#2	-.00030	9.2067	.00564	.00225	.00878	3.5417	.38536	2.8409
#3	-.00044	9.1874	.00584	.00264	.00959	3.6024	.38583	2.8768

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.00120	11.083	.00582	.01852	1.2541	.00163	.00744
Stddev	.00018	.00066	.129	.00032	.00010	.0164	.00007	.00574
%RSD	6.5789	55.100	1.1624	5.5687	.52001	1.3069	4.2044	77.168

#1	.00266	.00114	11.223	.00552	.01843	1.2682	.00170	.00199
#2	.00263	.00057	10.970	.00578	.01851	1.2361	.00163	.00690
#3	.00296	.00189	11.055	.00616	.01863	1.2581	.00156	.01343

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1753	5.2151	-.00044	.08800	.00072	.2174	.03037	5.6829
Stddev	.0177	.0842	.00084	.00245	.00163	.0017	.00005	.0707
%RSD	1.5024	1.6135	189.76	2.7789	226.66	.7631	.15493	1.2448

#1	1.1564	5.3113	-.00012	.08777	.00112	.2156	.03035	5.7428
#2	1.1914	5.1550	.00019	.08567	.00211	.2189	.03042	5.6049
#3	1.1780	5.1792	-.00140	.09055	-.00107	.2177	.03033	5.7011

Sample Name: K1650-18LX5 Acquired: 3/4/2019 17:30:22 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.9520
Stddev	.8652
%RSD	14.537

#1	6.2557
#2	6.6243
#3	4.9758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.1	41488.	3962.9	19.285	3019.4
Stddev	.6	46.	47.0	1.351	19.5
%RSD	.01785	.11091	1.1863	7.0041	.64475

#1	3569.4	41470.	3908.8	18.883	3021.4
#2	3570.4	41454.	3994.1	18.182	3037.9
#3	3570.6	41541.	3985.7	20.792	2999.1

Sample Name: K1650-18MS Acquired: 3/4/2019 17:34:46 Type: Unk
Method: P4-ICP2(v2905) 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	.84769	2.1380	1.1451	2.0698	.86926	15.855	.55139	.21915
Stddev	.01230	.0076	.0038	.0187	.00811	.094	.00170	.00051
%RSD	1.4509	.35771	.32933	.90323	.93270	.59062	.30808	.23092
#1	.86188	2.1442	1.1441	2.0911	.87761	15.772	.55326	.21967
#2	.84008	2.1403	1.1493	2.0563	.86141	15.837	.55097	.21866
#3	.84111	2.1294	1.1419	2.0619	.86877	15.956	.54994	.21913
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21180	45.378	.46975	.24118	.30303	17.711	1.9955	15.741
Stddev	.00054	.235	.00239	.00137	.00190	.095	.0084	.060
%RSD	.25599	.51831	.50842	.56996	.62722	.53428	.42303	.37838
#1	.21232	45.177	.47227	.24260	.30514	17.779	2.0039	15.673
#2	.21185	45.320	.46752	.24109	.30146	17.752	1.9870	15.766
#3	.21124	45.636	.46946	.23986	.30249	17.603	1.9957	15.785
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43767	.06861	58.436	.32680	.29485	14.397	.44691	.30451
Stddev	.00157	.00040	.381	.00223	.00028	.037	.00239	.00729
%RSD	.35909	.58005	.65253	.68243	.09402	.25436	.53453	2.3924
#1	.43936	.06902	58.295	.32937	.29517	14.367	.44925	.29695
#2	.43740	.06822	58.868	.32563	.29474	14.388	.44447	.31148
#3	.43625	.06861	58.146	.32539	.29465	14.438	.44700	.30511
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7930	F 26.516	.73317	.62031	.23867	7.292	.30552	6.7154
Stddev	.0307	.272	.00037	.00342	.00291	.047	.00086	.2711
%RSD	.53029	1.0248	.04979	.55167	1.2190	.6371	.28226	4.0376
#1	5.7964	26.699	.73318	.62053	.23542	7.338	.30455	7.0154
#2	5.8219	26.645	.73280	.62361	.24103	7.292	.30618	6.4878
#3	5.7607	26.204	.73353	.61678	.23956	7.245	.30584	6.6430

Sample Name: K1650-18MS Acquired: 3/4/2019 17:34:46 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	54.228
Stddev	1.105
%RSD	2.0383

#1	54.143
#2	53.167
#3	55.373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.2	40454.	3910.3	17.564	2812.0
Stddev	30.0	207.	19.1	.825	9.0
%RSD	.85488	.51194	.48740	4.6966	.31920

#1	3476.6	40269.	3897.4	16.612	2801.6
#2	3536.3	40678.	3901.4	18.030	2816.8
#3	3502.7	40416.	3932.2	18.051	2817.6

Sample Name: K1650-18MSD Acquired: 3/4/2019 17:38:52 Type: Unk
Method: P4-ICP2(v2905) 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	.84272	2.1486	1.1433	2.0690	.86869	14.354	.55101	.21969
Stddev	.00732	.0031	.0066	.0067	.00497	.073	.00359	.00094
%RSD	.86815	.14632	.57977	.32173	.57161	.50906	.65138	.42871
#1	.85100	2.1501	1.1494	2.0719	.87407	14.269	.55060	.22075
#2	.83711	2.1507	1.1444	2.0614	.86770	14.399	.55478	.21940
#3	.84006	2.1450	1.1363	2.0737	.86429	14.393	.54764	.21893
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21171	45.440	.46854	.24072	.30325	17.217	1.9966	15.710
Stddev	.00103	.081	.00268	.00184	.00127	.079	.0014	.135
%RSD	.48870	.17801	.57235	.76427	.41969	.45997	.07171	.86204
#1	.21251	45.346	.46644	.24190	.30329	17.231	1.9967	15.616
#2	.21208	45.491	.47156	.24166	.30450	17.288	1.9980	15.865
#3	.21054	45.482	.46762	.23860	.30195	17.132	1.9952	15.650
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43770	.06815	58.639	.32689	.26414	14.014	.45175	.30877
Stddev	.00362	.00094	.350	.00218	.00118	.082	.00146	.01285
%RSD	.82635	1.3769	.59631	.66563	.44601	.58469	.32341	4.1629
#1	.43778	.06713	58.518	.32537	.26540	13.963	.45342	.30023
#2	.44127	.06898	59.033	.32938	.26393	14.108	.45073	.30252
#3	.43404	.06835	58.366	.32591	.26308	13.969	.45110	.32355
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7704	F 23.693	.73790	.54519	.23666	7.279	.30849	6.3302
Stddev	.0655	.077	.00287	.00571	.00058	.035	.00022	.0684
%RSD	1.1348	.32417	.38884	1.0465	.24699	.4861	.07293	1.0809
#1	5.8155	23.727	.74050	.53984	.23727	7.304	.30874	6.4089
#2	5.8005	23.746	.73836	.55120	.23662	7.293	.30831	6.2960
#3	5.6953	23.605	.73482	.54452	.23610	7.238	.30842	6.2855

Sample Name: K1650-18MSD Acquired: 3/4/2019 17:38:52 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	53.323
Stddev	1.264
%RSD	2.3701

#1	51.991
#2	53.472
#3	54.506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.6	40662.	3898.6	19.328	2827.0
Stddev	20.4	119.	23.1	.664	10.6
%RSD	.57753	.29233	.59176	3.4371	.37472

#1	3522.4	40641.	3880.9	18.578	2816.8
#2	3556.1	40555.	3890.2	19.845	2838.0
#3	3519.3	40790.	3924.7	19.560	2826.3

Sample Name: K1650-18A Acquired: 3/4/2019 17:42:58 Type: Unk
Method: P4-ICP2(v2905) 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	.84220	2.1410	1.1373	2.0541	.86271	14.908	.53763	.21743
Stddev	.00223	.0085	.0069	.0028	.00402	.183	.00425	.00032
%RSD	.26424	.39712	.60359	.13781	.46570	1.2246	.79072	.14798
#1	.83980	2.1352	1.1435	2.0563	.86593	14.722	.53376	.21774
#2	.84261	2.1507	1.1385	2.0551	.86399	14.916	.53695	.21745
#3	.84419	2.1370	1.1299	2.0509	.85820	15.087	.54218	.21710
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21117	44.756	.46396	.23994	.30136	17.319	1.9772	15.518
Stddev	.00033	.223	.00032	.00039	.00282	.133	.0020	.021
%RSD	.15603	.49791	.06814	.16094	.93608	.76631	.09890	.13689
#1	.21120	44.500	.46385	.23950	.29814	17.451	1.9749	15.496
#2	.21148	44.905	.46431	.24019	.30337	17.321	1.9783	15.539
#3	.21083	44.864	.46370	.24015	.30259	17.186	1.9783	15.518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43754	.06834	57.247	.32532	.27099	13.958	.44891	.30387
Stddev	.00105	.00077	.349	.00413	.00074	.094	.00117	.00432
%RSD	.23963	1.1201	.60892	1.2708	.27240	.67205	.25993	1.4215
#1	.43637	.06858	57.173	.32991	.27031	13.872	.44862	.30506
#2	.43785	.06895	57.626	.32188	.27178	14.058	.45019	.29907
#3	.43840	.06748	56.941	.32417	.27088	13.944	.44791	.30746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7317	F 24.626	.73536	.55176	.23407	7.253	.30304	6.4421
Stddev	.0329	.258	.00061	.00579	.00422	.004	.00187	.2742
%RSD	.57448	1.0467	.08340	1.0502	1.8020	.0587	.61629	4.2557
#1	5.7091	24.794	.73466	.55036	.23147	7.250	.30412	6.1787
#2	5.7695	24.755	.73576	.54680	.23181	7.258	.30412	6.4218
#3	5.7165	24.329	.73567	.55813	.23894	7.251	.30089	6.7259

Sample Name: K1650-18A Acquired: 3/4/2019 17:42:58 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	53.021
Stddev	1.183
%RSD	2.2317

#1	53.904
#2	51.676
#3	53.481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.2	40674.	3911.0	18.740	2819.7
Stddev	13.5	83.	35.7	.789	15.4
%RSD	.38335	.20325	.91367	4.2114	.54705

#1	3503.3	40769.	3889.2	17.868	2803.8
#2	3501.7	40637.	3891.6	18.948	2820.7
#3	3525.7	40616.	3952.3	19.405	2834.6

Sample Name: K1650-19 Acquired: 3/4/2019 17:47:05 Type: Unk
Method: P4-ICP2(v2905) 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	-.00350	-.00870	.06090	-.00982	-.00695	30.261	.63247	.00279
Stddev	.00210	.00274	.00152	.00233	.00054	.167	.00058	.00016
%RSD	59.924	31.494	2.5001	23.682	7.7130	.55183	.09227	5.7130
#1	-.00278	-.00562	.06047	-.00849	-.00720	30.069	.63288	.00280
#2	-.00586	-.00961	.05965	-.00847	-.00634	30.346	.63272	.00263
#3	-.00186	-.01088	.06260	-.01250	-.00732	30.368	.63180	.00294
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	109.52	.04330	.02752	.06722	38.165	2.7214	23.648
Stddev	.00003	.52	.00059	.00012	.00032	.075	.0037	.165
%RSD	1.9794	.47267	1.3592	.44951	.48014	.19522	.13640	.69728
#1	-.00132	108.92	.04374	.02742	.06743	38.102	2.7176	23.628
#2	-.00136	109.80	.04353	.02749	.06738	38.247	2.7215	23.494
#3	-.00138	109.84	.04263	.02766	.06685	38.145	2.7251	23.822
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03715	.00292	93.663	.05476	.13900	11.935	.00970	.07579
Stddev	.00077	.00047	.259	.00039	.00018	.043	.00035	.00562
%RSD	2.0741	16.216	.27639	.71942	.13144	.35912	3.6492	7.4107
#1	.03652	.00321	93.407	.05447	.13897	11.981	.00941	.08076
#2	.03693	.00317	93.925	.05460	.13920	11.930	.00959	.06970
#3	.03801	.00237	93.656	.05521	.13884	11.895	.01010	.07692
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.842	F 41.788	-.00048	.84068	.06801	2.718	.26378	5.7256
Stddev	.065	.066	.00053	.00521	.00035	.006	.00083	.0628
%RSD	.38782	.15810	110.28	.61991	.50909	.2164	.31615	1.0960
#1	16.828	41.845	-.00023	.84331	.06792	2.711	.26464	5.7892
#2	16.913	41.804	-.00012	.84405	.06839	2.721	.26372	5.7239
#3	16.785	41.716	-.00109	.83467	.06771	2.721	.26297	5.6638

Sample Name: K1650-19 Acquired: 3/4/2019 17:47:05 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 104.66
 Stddev .96
 %RSD .92010

#1 103.71
 #2 104.64
 #3 105.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.5	40843.	4006.7	18.143	2717.4
Stddev	10.0	20.	10.7	.617	10.6
%RSD	.28104	.04914	.26690	3.4024	.39036

#1	3533.0	40820.	4007.7	18.300	2711.7
#2	3544.7	40850.	3995.6	17.462	2710.9
#3	3552.8	40858.	4016.9	18.666	2729.7

Sample Name: K1688-01 Acquired: 3/4/2019 17:51:23 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01905	-.11187	.53668	-.08161	-.01634	163.26	1.3542	.01352
Stddev	.00344	.00511	.00399	.00734	.00152	.66	.0053	.00008
%RSD	18.045	4.5696	.74418	8.9983	9.3177	.40524	.38809	.61012
#1	.01885	-.10745	.53753	-.07393	-.01497	164.01	1.3515	.01343
#2	.01571	-.11747	.54018	-.08856	-.01798	162.75	1.3603	.01353
#3	.02258	-.11069	.53233	-.08235	-.01608	163.02	1.3509	.01359
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	87.508	.30030	.15972	.35250	211.91	4.1519	72.205
Stddev	.00014	.130	.00144	.00017	.00068	.53	.0103	.288
%RSD	6.2861	.14909	.47996	.10843	.19275	.24945	.24773	.39847
#1	.00226	87.560	.29984	.15987	.35304	211.45	4.1558	72.412
#2	.00240	87.605	.29914	.15953	.35272	211.78	4.1402	72.326
#3	.00212	87.360	.30192	.15976	.35173	212.49	4.1596	71.876
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19716	.01819	8.8925	.52026	1.6587	45.779	.00992	-.00416
Stddev	.00079	.00034	.0709	.00111	.0034	.083	.00032	.00371
%RSD	.39834	1.8790	.79739	.21431	.20356	.18134	3.1883	89.159
#1	.19628	.01801	8.8107	.52016	1.6624	45.692	.00956	-.00721
#2	.19742	.01858	8.9318	.51920	1.6577	45.857	.01004	-.00003
#3	.19779	.01797	8.9351	.52143	1.6559	45.787	.01016	-.00525
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.718	7.7823	.03184	F 10.355	.28484	7.781	.10428	.42470
Stddev	.067	.0479	.00077	.021	.00197	.009	.00117	.22727
%RSD	.35945	.61508	2.4237	.20154	.69301	.1167	1.1230	53.513
#1	18.780	7.7969	.03273	10.335	.28683	7.785	.10563	.62880
#2	18.727	7.8212	.03147	10.377	.28482	7.787	.10349	.17979
#3	18.647	7.7289	.03132	10.353	.28288	7.770	.10373	.46549

Sample Name: K1688-01 Acquired: 3/4/2019 17:51:23 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 845.52
Stddev	6.52
%RSD	.77061

#1	848.93
#2	849.62
#3	838.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.1	45559.	4532.2	18.716	2639.2
Stddev	10.8	191.	3.9	2.006	4.9
%RSD	.27161	.41917	.08677	10.720	.18754

#1	3963.5	45378.	4536.7	19.269	2634.4
#2	3970.9	45759.	4529.5	20.389	2639.1
#3	3984.8	45541.	4530.2	16.492	2644.3

Sample Name: K1688-03 Acquired: 3/4/2019 17:55:49 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03198	-.04312	.78360	-.08458	-.01593	166.40	1.0991	.01532
Stddev	.00428	.00214	.00133	.00532	.00387	.99	.0102	.00024
%RSD	13.389	4.9654	.16971	6.2906	24.287	.59251	.92477	1.5856
#1	.03206	-.04492	.78371	-.07902	-.01825	166.38	1.1081	.01511
#2	.03623	-.04075	.78222	-.08963	-.01146	167.39	1.1011	.01558
#3	.02766	-.04368	.78487	-.08509	-.01808	165.42	1.0881	.01526
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00344	101.25	.25699	.18582	.38832	214.40	5.0686	76.494
Stddev	.00045	.82	.00142	.00020	.00344	1.90	.0253	.415
%RSD	13.207	.81264	.55106	.10680	.88643	.88666	.49931	.54293
#1	.00293	101.96	.25597	.18601	.38541	216.51	5.0613	76.968
#2	.00380	101.44	.25861	.18561	.38743	213.87	5.0967	76.321
#3	.00361	100.35	.25638	.18584	.39212	212.82	5.0477	76.193
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22579	.01721	12.876	.43658	3.1841	20.198	.00602	.01024
Stddev	.00174	.00055	.146	.00242	.0069	.212	.00025	.00975
%RSD	.77181	3.1794	1.1374	.55444	.21827	1.0495	4.1701	95.247
#1	.22768	.01776	12.968	.43378	3.1916	20.296	.00574	.02060
#2	.22424	.01721	12.953	.43805	3.1830	20.343	.00609	.00888
#3	.22547	.01666	12.707	.43790	3.1778	19.955	.00622	.00124
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0059	3.7055	.04918	4.3401	.26296	7.615	.12737	<.00000
Stddev	.0150	.0325	.00157	.0201	.00126	.007	.00240	.43457
%RSD	.18804	.87759	3.1901	.46270	.47823	.0938	1.8816	894.12
#1	7.9895	3.7420	.05076	4.3565	.26334	7.612	.12729	.12215
#2	8.0093	3.6948	.04763	4.3177	.26155	7.623	.12981	.27466
#3	8.0190	3.6796	.04914	4.3462	.26398	7.609	.12502	-.54261

Sample Name: K1688-03 Acquired: 3/4/2019 17:55:49 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 871.83
Stddev	1.81
%RSD	.20776

#1	873.76
#2	870.16
#3	871.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.7	45974.	4595.0	19.056	2648.9
Stddev	2.7	129.	32.0	.858	5.7
%RSD	.06669	.27956	.69570	4.5009	.21542

#1	4011.7	46038.	4570.7	18.241	2645.1
#2	4007.8	45826.	4583.1	19.950	2646.1
#3	4006.5	46058.	4631.2	18.976	2655.4

Sample Name: CCV07 Acquired: 3/4/2019 18:00:15 Type: Unk
Method: P4-ICP2(v2905) 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	4.9628	5.0932	5.2575	4.9698	5.0875	9.9754	9.8576	.25130
Stddev	.0176	.0199	.0146	.0236	.0059	.0308	.0707	.00014
%RSD	.35548	.38965	.27707	.47570	.11549	.30890	.71699	.05523
#1	4.9708	5.0717	5.2435	4.9875	5.0844	9.9853	9.7767	.25142
#2	4.9750	5.0971	5.2566	4.9790	5.0943	9.9408	9.9077	.25115
#3	4.9425	5.1108	5.2726	4.9430	5.0839	10.0000	9.8883	.25134
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4901	24.968	1.0052	2.5990	1.3005	5.2108	2.4968	24.449
Stddev	.0076	.083	.0043	.0062	.0024	.0449	.0018	.265
%RSD	.30544	.33152	.42757	.23808	.18701	.86159	.07156	1.0825
#1	2.4821	24.873	1.0030	2.5947	1.3018	5.1710	2.4953	24.150
#2	2.4909	25.025	1.0025	2.5962	1.3021	5.2594	2.4963	24.543
#3	2.4973	25.007	1.0102	2.6061	1.2977	5.2019	2.4988	24.653
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6651	1.3654	23.462	2.2979	2.4527	23.240	5.0077	F 4.1810
Stddev	.0049	.0068	.200	.0014	.0070	.180	.0108	.0091
%RSD	.18518	.49520	.85267	.05937	.28471	.77310	.21552	.21717
#1	2.6596	1.3669	23.232	2.2963	2.4469	23.036	5.0107	4.1725
#2	2.6664	1.3581	23.599	2.2982	2.4507	23.374	5.0167	4.1906
#3	2.6692	1.3714	23.554	2.2990	2.4605	23.310	4.9957	4.1801
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8891	4.6068	4.9701	4.7354	4.5053	4.983	F 3.8049	F 6.8541
Stddev	.0051	.0408	.0094	.0278	.0324	.009	.0238	.1429
%RSD	.10425	.88637	.18905	.58795	.71972	.1823	.62494	2.0846
#1	4.8903	4.5777	4.9666	4.7070	4.4681	4.975	3.7785	6.9098
#2	4.8835	4.6534	4.9629	4.7627	4.5202	4.993	3.8247	6.6917
#3	4.8935	4.5892	4.9808	4.7364	4.5276	4.980	3.8115	6.9607

Sample Name: CCV07 Acquired: 3/4/2019 18:00:15 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1600
Stddev	1.7535
%RSD	55.492

#1	2.7336
#2	1.6590
#3	5.0874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.1	40361.	3860.7	17.350	2817.3
Stddev	8.8	76.	33.4	.801	2.3
%RSD	.24573	.18822	.86491	4.6152	.08076

#1	3552.0	40338.	3884.6	17.832	2817.1
#2	3561.7	40445.	3822.6	17.792	2819.7
#3	3569.5	40299.	3875.0	16.425	2815.2

Sample Name: CCB07 Acquired: 3/4/2019 18:04:14 Type: Unk
Method: P4-ICP2(v2905) 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	-.00277	.00064	-.00127	-.00044	-.00057	.00685	-.02105
Stddev	.00210	.00095	.00038	.00135	.00212	.00811	.00149
%RSD	75.895	148.30	30.121	306.66	373.97	118.33	7.0617

#1	-.00518	.00017	-.00118	-.00121	-.00219	.00012	-.02265
#2	-.00140	.00173	-.00094	.00112	-.00134	.01586	-.02077
#3	-.00171	.00002	-.00168	-.00123	.00183	.00459	-.01972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00016	-.02917	-.00005	-.00005	.00099	-.00075
Stddev	.00005	.00010	.02625	.00010	.00009	.00016	.00147
%RSD	61.068	63.315	90.007	213.18	203.48	16.521	195.92

#1	.00002	-.00021	-.02067	.00006	-.00005	.00115	-.00240
#2	.00012	-.00004	-.00821	-.00007	-.00014	.00082	.00039
#3	.00010	-.00022	-.05862	-.00013	.00005	.00100	-.00024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00743	-.00038	.00108	-.02479	.00017	-.00011
Stddev	.00005	.08964	.00022	.00082	.00673	.00020	.00008
%RSD	1402.5	1206.5	59.283	76.341	27.130	116.77	68.532

#1	.00000	.08561	-.00030	.00200	-.03173	.00002	-.00003
#2	.00004	-.09322	-.00020	.00042	-.01830	.00010	-.00017
#3	-.00005	-.01467	-.00063	.00081	-.02435	.00039	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10571	.00018	.00080	F -.02224	.00468	-.00160	.00035
Stddev	.02277	.00013	.00893	.00462	.00068	.00063	.00081
%RSD	21.537	72.499	1111.3	20.757	14.575	39.403	228.75

#1	.12737	.00016	.01033	-.01996	.00511	-.00120	.00029
#2	.08198	.00006	-.00054	-.01921	.00503	-.00127	.00119
#3	.10779	.00032	-.00737	-.02755	.00389	-.00233	-.00042

Sample Name: CCB07 Acquired: 3/4/2019 18:04:14 Type: Unk
 Method: P4-ICP2(v2905) 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	-.00388	-.0008	-.00005	F 5.0346	F<.00000
Stddev	.00139	.0004	.00004	.5816	.79691
%RSD	35.875	51.05	89.749	11.552	49.253
#1	-.00383	-.0008	-.00003	5.3782	-1.8787
#2	-.00251	-.0013	-.00002	5.3625	-2.2519
#3	-.00530	-.0004	-.00010	4.3631	-.72341
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.6	42013.	3938.3	19.322	3198.2
Stddev	4.1	196.	25.2	1.362	12.8
%RSD	.11282	.46710	.63985	7.0511	.39878
#1	3674.2	41866.	3951.8	18.233	3189.0
#2	3676.4	41936.	3909.2	18.883	3212.8
#3	3682.2	42236.	3953.9	20.850	3192.8

Sample Name: K1688-05 Acquired: 3/4/2019 18:08:42 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02223	-.06766	.45913	-.08039	-.01610	169.02	1.2213	.01267
Stddev	.00209	.00176	.00165	.00514	.00114	.50	.0132	.00032
%RSD	9.3973	2.5955	.35981	6.3953	7.1029	.29454	1.0776	2.5234
#1	.02242	-.06678	.46013	-.07555	-.01715	168.82	1.2157	.01292
#2	.02005	-.06652	.45723	-.08579	-.01628	168.65	1.2363	.01279
#3	.02422	-.06968	.46004	-.07982	-.01488	169.59	1.2118	.01231
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	70.998	.28590	.15570	.39892	218.96	4.7622	66.516
Stddev	.00027	.835	.00209	.00062	.00166	2.52	.0089	.281
%RSD	104.81	1.1764	.72983	.39959	.41664	1.1500	.18695	.42205
#1	.00026	70.586	.28751	.15499	.39709	217.91	4.7567	66.436
#2	-.00002	71.960	.28354	.15593	.40034	221.83	4.7575	66.829
#3	.00052	70.450	.28664	.15617	.39933	217.14	4.7725	66.285
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20211	.01865	9.2587	.42467	1.2042	36.920	.00890	-.01717
Stddev	.00236	.00029	.0846	.00044	.0019	.320	.00032	.00864
%RSD	1.1666	1.5816	.91411	.10269	.15864	.86587	3.6390	50.331
#1	.20006	.01832	9.2267	.42508	1.2031	36.747	.00886	-.01877
#2	.20469	.01872	9.3546	.42422	1.2032	37.289	.00860	-.00784
#3	.20157	.01890	9.1947	.42472	1.2064	36.724	.00924	-.02491
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9858	5.7914	.03270	6.6561	.26746	7.589	.00237	1.0933
Stddev	.0299	.0943	.00041	.0211	.00200	.018	.00177	.1371
%RSD	.33248	1.6288	1.2520	.31747	.74774	.2431	74.563	12.539
#1	8.9705	5.7603	.03295	6.6561	.26963	7.573	.00261	.95701
#2	8.9668	5.8973	.03292	6.6773	.26569	7.583	.00050	1.0917
#3	9.0203	5.7164	.03223	6.6350	.26705	7.609	.00401	1.2312

Sample Name: K1688-05 Acquired: 3/4/2019 18:08:42 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 817.35
Stddev	4.44
%RSD	.54317

#1	814.39
#2	822.45
#3	815.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.1	44453.	4391.6	18.202	2691.0
Stddev	5.1	60.	44.3	1.332	6.0
%RSD	.13097	.13538	1.0087	7.3162	.22392

#1	3903.7	44460.	4402.0	18.590	2692.9
#2	3909.4	44510.	4343.0	16.720	2695.9
#3	3899.2	44390.	4429.7	19.297	2684.3

Sample Name: K1688-07 Acquired: 3/4/2019 18:13:09 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05665	-.03437	1.5950	-.05670	-.01362	125.43	.83169	.01217
Stddev	.00207	.00143	.0098	.00240	.00012	.20	.00684	.00021
%RSD	3.6525	4.1473	.61630	4.2361	.87979	.16027	.82289	1.7501
#1	.05559	-.03596	1.5889	-.05551	-.01356	125.48	.83128	.01240
#2	.05533	-.03397	1.6064	-.05512	-.01355	125.21	.82506	.01210
#3	.05903	-.03319	1.5898	-.05946	-.01376	125.60	.83873	.01200
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	105.56	.19815	.14265	.71871	181.87	4.0200	45.682
Stddev	.00007	.68	.00037	.00086	.00592	.88	.0066	.347
%RSD	8.6544	.64038	.18628	.60205	.82327	.48503	.16463	.75907
#1	.00076	105.36	.19822	.14239	.71202	181.97	4.0275	45.314
#2	.00089	105.01	.19775	.14360	.72326	180.93	4.0174	45.729
#3	.00089	106.31	.19847	.14194	.72085	182.69	4.0151	46.002
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16936	.01550	15.957	.36643	4.8021	15.356	.00821	.04413
Stddev	.00118	.00075	.178	.00104	.0313	.106	.00013	.00547
%RSD	.69740	4.8202	1.1153	.28487	.65230	.68709	1.6016	12.402
#1	.16842	.01627	16.034	.36538	4.8184	15.376	.00835	.04820
#2	.17069	.01546	15.754	.36646	4.8220	15.242	.00820	.03791
#3	.16898	.01477	16.085	.36746	4.7660	15.450	.00809	.04628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6979	2.6890	.05732	3.6112	.17872	8.652	.19258	.57932
Stddev	.0720	.0430	.00075	.0096	.00187	.050	.00294	.26425
%RSD	.74286	1.6000	1.3131	.26699	1.0438	.5767	1.5273	45.614
#1	9.6685	2.6962	.05781	3.6001	.17678	8.614	.19083	.55662
#2	9.7800	2.6428	.05770	3.6154	.17887	8.708	.19093	.85418
#3	9.6452	2.7279	.05646	3.6180	.18050	8.632	.19597	.32715

Sample Name: K1688-07 Acquired: 3/4/2019 18:13:09 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 683.20
Stddev 7.22
%RSD 1.0566

#1 676.15
#2 682.86
#3 690.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4046.3	46067.	4560.6	18.855	2731.3
Stddev	12.5	148.	18.0	.669	18.5
%RSD	.30923	.32130	.39487	3.5483	.67817

#1	4040.7	46015.	4555.4	19.594	2720.4
#2	4037.7	45952.	4580.6	18.681	2720.8
#3	4060.7	46234.	4545.7	18.290	2752.7

Sample Name: K1688-09 Acquired: 3/4/2019 18:17:36 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07892	-.06790	.84652	-.08732	-.02210	160.51	1.0351	.01593
Stddev	.00376	.00052	.00521	.00397	.00195	.23	.0085	.00031
%RSD	4.7598	.76220	.61556	4.5467	8.8078	.14047	.82405	1.9252
#1	.08324	-.06737	.85254	-.08755	-.01991	160.25	1.0315	.01591
#2	.07706	-.06840	.84353	-.09117	-.02276	160.67	1.0291	.01563
#3	.07645	-.06794	.84349	-.08324	-.02363	160.61	1.0449	.01625
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	72.148	.43031	.15008	.49162	248.31	4.6351	65.341
Stddev	.00027	.094	.00055	.00034	.00098	1.50	.0041	.255
%RSD	12.353	.13068	.12894	.22687	.19935	.60342	.08923	.39027
#1	.00247	72.087	.43083	.15041	.49259	248.07	4.6364	65.047
#2	.00207	72.101	.42973	.15009	.49166	246.94	4.6305	65.504
#3	.00196	72.257	.43039	.14973	.49063	249.91	4.6385	65.472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18286	.01976	9.4847	.56687	2.0895	31.648	.00974	-.02293
Stddev	.00171	.00084	.0117	.00059	.0055	.016	.00042	.00577
%RSD	.93571	4.2272	.12278	.10488	.26241	.04917	4.2847	25.188
#1	.18447	.01959	9.4904	.56698	2.0945	31.645	.01017	-.02218
#2	.18106	.01903	9.4713	.56623	2.0903	31.634	.00934	-.02904
#3	.18306	.02067	9.4923	.56740	2.0836	31.665	.00969	-.01756
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6832	4.4143	.04452	6.8978	.23560	8.734	.00850	<.00000
Stddev	.0541	.0267	.00110	.0149	.00363	.021	.00252	.21235
%RSD	.55857	.60419	2.4785	.21629	1.5394	.2377	29.582	271.39
#1	9.6217	4.3895	.04543	6.8972	.23679	8.755	.01006	.10841
#2	9.7236	4.4425	.04329	6.8832	.23153	8.713	.00985	-.03386
#3	9.7042	4.4109	.04484	6.9130	.23849	8.735	.00560	-.30928

Sample Name: K1688-09 Acquired: 3/4/2019 18:17:36 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 980.36
Stddev .35
%RSD .03579

#1 980.64
#2 979.97
#3 980.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4001.4	45592.	4475.4	18.743	2690.0
Stddev	5.7	26.	8.2	.780	5.9
%RSD	.14251	.05621	.18410	4.1631	.21987

#1	3998.3	45588.	4476.2	19.562	2683.3
#2	3997.9	45569.	4483.3	18.656	2692.3
#3	4008.0	45620.	4466.8	18.009	2694.5

Sample Name: K1688-11 Acquired: 3/4/2019 18:22:03 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03837	-.03630	.92983	-.06891	-.01677	173.19	1.1581	.01420
Stddev	.00328	.00105	.00477	.00183	.00158	1.18	.0129	.00036
%RSD	8.5450	2.8883	.51264	2.6531	9.4400	.68105	1.1114	2.5078
#1	.04060	-.03609	.93210	-.06774	-.01497	172.10	1.1595	.01453
#2	.03460	-.03744	.93303	-.07101	-.01791	174.44	1.1446	.01425
#3	.03990	-.03537	.92435	-.06797	-.01744	173.04	1.1702	.01383
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	107.83	.23499	.15322	.50279	203.76	4.8997	66.352
Stddev	.00058	1.22	.00178	.00041	.00383	4.00	.0087	.787
%RSD	36.004	1.1302	.75598	.26596	.76248	1.9614	.17770	1.1865
#1	.00127	108.08	.23704	.15361	.49845	204.78	4.8987	66.278
#2	.00226	106.50	.23394	.15280	.50422	199.36	4.8915	65.604
#3	.00126	108.90	.23400	.15324	.50570	207.16	4.9089	67.173
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19481	.01567	13.703	.45857	2.2720	18.348	.00637	-.00286
Stddev	.00073	.00033	.059	.00245	.0063	.170	.00038	.00725
%RSD	.37626	2.1184	.43144	.53442	.27852	.92580	5.8913	253.21
#1	.19420	.01590	13.734	.45731	2.2772	18.409	.00631	-.00899
#2	.19459	.01529	13.635	.45700	2.2738	18.156	.00677	.00514
#3	.19562	.01581	13.741	.46139	2.2650	18.479	.00602	-.00474
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1916	4.4960	.04805	3.5917	.24546	8.739	.18612	<.00000
Stddev	.0119	.0444	.00057	.0110	.00068	.005	.00140	.16296
%RSD	.14511	.98837	1.1921	.30723	.27578	.0553	.75369	445.03
#1	8.2006	4.5139	.04740	3.5826	.24623	8.743	.18468	-.05705
#2	8.1961	4.4455	.04825	3.5886	.24516	8.734	.18621	-.18839
#3	8.1781	4.5287	.04849	3.6040	.24498	8.739	.18748	.13559

Sample Name: K1688-11 Acquired: 3/4/2019 18:22:03 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 793.08
Stddev	1.91
%RSD	.24055

#1	791.66
#2	792.34
#3	795.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.0	46364.	4602.2	19.353	2684.0
Stddev	7.6	42.	66.4	.660	14.1
%RSD	.18737	.09082	1.4427	3.4130	.52548

#1	4067.9	46336.	4564.0	18.739	2670.0
#2	4076.9	46413.	4678.8	19.267	2684.0
#3	4083.1	46344.	4563.6	20.052	2698.2

Sample Name: K1688-13 Acquired: 3/4/2019 18:26:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03832	-.08799	.80591	-.08205	-.01714	173.43	1.4048	.01530
Stddev	.00324	.00225	.00090	.00133	.00126	.20	.0180	.00016
%RSD	8.4672	2.5521	.11229	1.6224	7.3744	.11675	1.2804	1.0146
#1	.04027	-.09053	.80660	-.08061	-.01858	173.67	1.4139	.01527
#2	.04010	-.08719	.80489	-.08229	-.01665	173.31	1.4165	.01547
#3	.03457	-.08626	.80624	-.08324	-.01619	173.32	1.3841	.01517
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	103.34	.34260	.17451	.56868	236.71	4.5772	75.280
Stddev	.00047	1.00	.00112	.00069	.00186	2.42	.0052	.761
%RSD	31.745	.96987	.32573	.39422	.32663	1.0221	.11457	1.0115
#1	.00174	103.74	.34177	.17501	.57004	236.71	4.5715	75.493
#2	.00093	104.08	.34387	.17373	.56656	239.13	4.5782	75.912
#3	.00174	102.20	.34217	.17480	.56944	234.30	4.5819	74.435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23010	.01903	10.780	.52977	2.1275	43.948	.01112	-.01993
Stddev	.00247	.00034	.129	.00190	.0057	.569	.00048	.02167
%RSD	1.0743	1.7691	1.1976	.35825	.26911	1.2946	4.3575	108.74
#1	.22831	.01870	10.861	.53113	2.1210	44.233	.01156	.00045
#2	.22906	.01937	10.847	.52760	2.1295	44.318	.01119	-.01754
#3	.23292	.01901	10.631	.53058	2.1319	43.293	.01060	-.04270
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.688	5.4625	.04786	8.8128	.29007	8.297	.14344	.50250
Stddev	.008	.0400	.00113	.0331	.00121	.007	.00295	.17039
%RSD	.07690	.73308	2.3543	.37614	.41689	.0796	2.0600	33.908
#1	10.691	5.4567	.04841	8.8085	.28869	8.291	.14291	.42062
#2	10.678	5.5052	.04657	8.8479	.29063	8.297	.14662	.69837
#3	10.694	5.4257	.04861	8.7820	.29090	8.304	.14079	.38851

Sample Name: K1688-13 Acquired: 3/4/2019 18:26:29 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 928.40
 Stddev .33
 %RSD .03526

#1 928.02
 #2 928.60
 #3 928.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.8	44996.	4476.5	16.980	2656.7
Stddev	10.0	51.	53.7	.184	3.4
%RSD	.25247	.11316	1.2002	1.0809	.12791

#1	3960.3	44967.	4457.0	16.780	2660.5
#2	3976.5	44967.	4435.3	17.021	2655.6
#3	3978.6	45055.	4537.3	17.140	2654.0

Sample Name: K1688-15 Acquired: 3/4/2019 18:30:55 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02898	-.04753	.69379	-.07754	-.01740	179.61	1.4040	.01559
Stddev	.00311	.00161	.00149	.00374	.00264	1.21	.0135	.00021
%RSD	10.730	3.3812	.21489	4.8225	15.188	.67138	.95800	1.3541
#1	.03170	-.04572	.69531	-.07325	-.01778	180.08	1.4083	.01538
#2	.02965	-.04808	.69373	-.08014	-.01984	178.24	1.3890	.01580
#3	.02559	-.04878	.69233	-.07922	-.01459	180.50	1.4148	.01559
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	98.296	.28653	.17211	.28243	222.19	5.3692	83.535
Stddev	.00030	.309	.00291	.00008	.00079	1.40	.0150	.206
%RSD	21.984	.31422	1.0170	.04669	.27979	.63201	.27902	.24665
#1	.00118	98.382	.28971	.17205	.28258	223.59	5.3795	83.383
#2	.00169	97.953	.28399	.17208	.28158	220.78	5.3520	83.454
#3	.00117	98.553	.28588	.17220	.28314	222.20	5.3761	83.770
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24838	.01692	11.783	.44891	1.7591	29.055	.00494	.00557
Stddev	.00061	.00054	.073	.00276	.0030	.196	.00026	.00487
%RSD	.24408	3.1784	.61881	.61419	.17069	.67301	5.1958	87.406
#1	.24768	.01748	11.816	.45075	1.7562	29.159	.00470	.00203
#2	.24873	.01641	11.699	.44574	1.7622	28.829	.00491	.00355
#3	.24874	.01687	11.833	.45024	1.7590	29.176	.00521	.01112
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8230	5.0530	.04125	4.7360	.30496	7.685	.10466	<.00000
Stddev	.0348	.0467	.00061	.0053	.00279	.005	.00119	.34574
%RSD	.51030	.92383	1.4784	.11118	.91492	.0663	1.1383	258.35
#1	6.7830	5.0656	.04164	4.7299	.30817	7.686	.10453	.11114
#2	6.8391	5.0921	.04055	4.7397	.30353	7.679	.10355	.01669
#3	6.8468	5.0013	.04157	4.7383	.30317	7.689	.10592	-.52931

Sample Name: K1688-15 Acquired: 3/4/2019 18:30:55 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 867.88
Stddev	2.90
%RSD	.33449

#1	864.64
#2	868.74
#3	870.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.3	46125.	4546.9	17.585	2664.9
Stddev	8.9	278.	27.3	.853	8.9
%RSD	.21887	.60225	.60043	4.8496	.33309

#1	4051.0	45809.	4515.9	18.260	2657.5
#2	4066.6	46334.	4557.3	17.868	2662.4
#3	4066.3	46231.	4567.4	16.627	2674.7

Sample Name: K1688-17 Acquired: 3/4/2019 18:35:22 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02978	-.07935	.73794	-.06196	-.01560	155.35	1.1182	.01276
Stddev	.00277	.00229	.00271	.00584	.00238	.42	.0050	.00013
%RSD	9.3029	2.8869	.36670	9.4221	15.255	.27244	.44308	1.0263
#1	.03120	-.07818	.73776	-.05545	-.01343	155.64	1.1142	.01272
#2	.03155	-.08199	.73533	-.06368	-.01523	154.86	1.1167	.01290
#3	.02659	-.07788	.74074	-.06673	-.01815	155.54	1.1237	.01264
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	92.124	.26314	.16544	.39291	194.57	4.1945	66.941
Stddev	.00024	.297	.00329	.00005	.00144	.53	.0008	.176
%RSD	17.173	.32264	1.2505	.02777	.36681	.27054	.02038	.26361
#1	.00152	92.128	.26594	.16545	.39141	194.75	4.1954	67.145
#2	.00114	91.825	.26397	.16547	.39428	193.98	4.1937	66.832
#3	.00159	92.420	.25951	.16538	.39303	194.99	4.1943	66.847
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22321	.01617	18.215	.46927	1.4901	36.692	.00855	.00203
Stddev	.00106	.00009	.119	.00173	.0050	.161	.00013	.00743
%RSD	.47649	.55134	.65501	.36867	.33250	.43792	1.5611	365.32
#1	.22370	.01627	18.260	.47029	1.4957	36.760	.00841	.00715
#2	.22199	.01612	18.080	.47024	1.4884	36.509	.00868	-.00648
#3	.22394	.01611	18.305	.46727	1.4862	36.808	.00855	.00543
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.288	3.4715	.06617	7.5929	.24569	8.591	.13303	<.00000
Stddev	.056	.0446	.00139	.0288	.00093	.027	.00078	.16977
%RSD	.32537	1.2849	2.0968	.37918	.37672	.3120	.58317	51.679
#1	17.228	3.4938	.06652	7.5749	.24492	8.605	.13324	-.20957
#2	17.298	3.5006	.06735	7.5776	.24543	8.609	.13217	-.52293
#3	17.339	3.4201	.06464	7.6261	.24672	8.560	.13367	-.25303

Sample Name: K1688-17 Acquired: 3/4/2019 18:35:22 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 745.88
 Stddev 3.33
 %RSD .44675

#1 742.15
 #2 748.55
 #3 746.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4109.2	46724.	4626.5	18.385	2678.2
Stddev	4.0	188.	15.1	.378	10.4
%RSD	.09841	.40136	.32579	2.0548	.38747

#1	4108.3	46515.	4611.3	18.524	2666.2
#2	4105.6	46779.	4641.4	18.673	2684.7
#3	4113.6	46878.	4626.7	17.957	2683.7

Sample Name: K1688-19 Acquired: 3/4/2019 18:39:48 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04781	-.03516	.87715	-.06179	-.01671	172.52	1.0594	.01544
Stddev	.00076	.00393	.00313	.00086	.00162	.05	.0063	.00006
%RSD	1.5874	11.176	.35731	1.3945	9.7055	.03041	.59883	.38753
#1	.04865	-.03785	.88019	-.06092	-.01546	172.50	1.0666	.01539
#2	.04760	-.03698	.87733	-.06182	-.01855	172.48	1.0549	.01550
#3	.04718	-.03065	.87393	-.06264	-.01614	172.58	1.0565	.01541
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	41.190	.23876	.15317	.29475	206.09	5.8830	53.983
Stddev	.00005	.219	.00259	.00020	.00067	.66	.0265	.387
%RSD	7.9272	.53123	1.0850	.12742	.22764	.32231	.45078	.71746
#1	-.00057	41.389	.23938	.15329	.29398	206.23	5.8525	53.913
#2	-.00061	40.956	.24099	.15326	.29509	205.37	5.9006	53.635
#3	-.00067	41.227	.23592	.15294	.29518	206.68	5.8959	54.400
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19752	.01642	11.556	.37903	3.6576	15.911	.00506	.00001
Stddev	.00197	.00074	.043	.00120	.0047	.095	.00043	.01092
%RSD	.99551	4.5000	.37522	.31585	.12854	.59477	8.5079	130760.
#1	.19959	.01725	11.567	.38024	3.6629	15.943	.00556	-.00610
#2	.19731	.01617	11.508	.37784	3.6539	15.805	.00483	-.00650
#3	.19568	.01584	11.593	.37901	3.6561	15.986	.00480	.01262
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7934	5.3002	.05014	3.2969	.21291	F 10.05	-.00521	<.00000
Stddev	.0123	.0403	.00122	.0166	.00048	.02	.00173	.22973
%RSD	.25666	.76132	2.4244	.50445	.22579	.2305	33.272	75.943
#1	4.7996	5.3267	.04879	3.2788	.21346	10.07	-.00692	-.54221
#2	4.8014	5.3201	.05048	3.3116	.21264	10.03	-.00346	-.08425
#3	4.7792	5.2537	.05115	3.3004	.21262	10.03	-.00524	-.28107

Sample Name: K1688-19 Acquired: 3/4/2019 18:39:48 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 762.48
Stddev	4.63
%RSD	.60729

#1	757.50
#2	766.65
#3	763.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.5	46549.	4516.5	17.822	2758.7
Stddev	13.3	76.	19.8	1.397	9.7
%RSD	.32341	.16329	.43792	7.8382	.35232

#1	4096.4	46493.	4499.6	17.023	2747.4
#2	4117.0	46519.	4538.2	17.007	2763.9
#3	4121.2	46636.	4511.5	19.434	2764.6

Sample Name: K1712-05 Acquired: 3/4/2019 18:44:17 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-4-2-AB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06324	-.05399	8.1779	-.08644	-.01887	168.47	3.3766	.01557
Stddev	.00413	.00179	.0391	.00318	.00097	1.38	.0124	.00033
%RSD	6.5316	3.3218	.47840	3.6828	5.1292	.82158	.36845	2.0944
#1	.05912	-.05197	8.1454	-.08543	-.01941	167.04	3.3803	.01586
#2	.06322	-.05462	8.2213	-.08389	-.01775	169.80	3.3867	.01563
#3	.06738	-.05539	8.1669	-.09001	-.01945	168.57	3.3627	.01522
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01637	236.53	.73980	.19028	.81400	245.90	5.3451	65.784
Stddev	.00049	.53	.00385	.00012	.00205	.79	.0288	.634
%RSD	2.9946	.22232	.52067	.06269	.25185	.32231	.53949	.96338
#1	.01685	236.40	.73535	.19022	.81635	245.12	5.3120	65.512
#2	.01640	237.11	.74208	.19021	.81254	245.88	5.3583	66.508
#3	.01587	236.09	.74196	.19042	.81313	246.71	5.3650	65.331
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30944	.02075	5.6741	.65144	3.6123	9.9297	.00827	.08759
Stddev	.00055	.00025	.0212	.00536	.0131	.0514	.00059	.00842
%RSD	.17666	1.1955	.37330	.82244	.36371	.51735	7.0723	9.6145
#1	.30885	.02047	5.6693	.64543	3.5985	9.9260	.00888	.08966
#2	.30992	.02095	5.6973	.65319	3.6247	9.9828	.00772	.09477
#3	.30955	.02081	5.6558	.65571	3.6137	9.8803	.00822	.07832
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7087	7.3386	.34278	4.9676	.22802	F 21.27	.60908	<.00000
Stddev	.0215	.0514	.00160	.0159	.00392	.07	.00038	.20752
%RSD	.32049	.70027	.46788	.32005	1.7192	.3380	.06240	15.396
#1	6.7335	7.3880	.34161	4.9710	.22719	21.21	.60932	-1.3649
#2	6.6963	7.3426	.34461	4.9816	.23229	21.35	.60864	-1.1325
#3	6.6962	7.2854	.34212	4.9503	.22458	21.26	.60927	-1.5465

Sample Name: K1712-05 Acquired: 3/4/2019 18:44:17 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-4-2-AB Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1046.1
Stddev	1.2
%RSD	.11633

#1	1044.7
#2	1046.6
#3	1047.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4143.3	46981.	4694.4	18.418	2602.4
Stddev	6.6	124.	19.2	.678	4.1
%RSD	.16038	.26328	.40873	3.6823	.15690

#1	4135.9	47121.	4672.4	17.656	2606.7
#2	4148.6	46885.	4707.7	18.643	2598.5
#3	4145.5	46939.	4703.2	18.955	2602.0

Sample Name: K1712-07 Acquired: 3/4/2019 18:48:43 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04995	-.03763	6.0285	-.06087	-.01293	147.32	1.5301	.00941
Stddev	.00214	.00161	.0129	.00434	.00215	.53	.0098	.00005
%RSD	4.2868	4.2888	.21413	7.1306	16.624	.36082	.63937	.55634
#1	.04760	-.03671	6.0195	-.05597	-.01136	147.54	1.5259	.00945
#2	.05048	-.03670	6.0433	-.06240	-.01205	146.71	1.5231	.00943
#3	.05178	-.03950	6.0227	-.06423	-.01538	147.70	1.5413	.00935
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	863.09	.29429	.13629	.75091	163.10	4.9921	113.43
Stddev	.00007	4.52	.00084	.00035	.00343	.92	.0129	.42
%RSD	4.0416	.52403	.28556	.25638	.45631	.56352	.25866	.37323
#1	.00187	858.55	.29522	.13604	.75260	162.10	4.9847	112.94
#2	.00178	863.12	.29406	.13613	.75317	163.28	4.9845	113.68
#3	.00173	867.59	.29359	.13669	.74697	163.91	5.0070	113.67
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21744	.00935	8.6772	.45736	1.6938	11.214	.00225	.02444
Stddev	.00156	.00030	.0714	.00096	.0058	.047	.00067	.00270
%RSD	.71936	3.2484	.82307	.20918	.34172	.41791	29.995	11.029
#1	.21660	.00900	8.7272	.45768	1.6902	11.244	.00254	.02174
#2	.21925	.00953	8.5954	.45812	1.7005	11.160	.00147	.02713
#3	.21648	.00953	8.7091	.45629	1.6907	11.239	.00272	.02445
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8994	3.8916	.04202	3.9358	.34186	5.186	2.7051	3.4150
Stddev	.0771	.0070	.00112	.0165	.00271	.014	.0147	.0254
%RSD	1.3070	.17981	2.6697	.41956	.79142	.2688	.54420	.74276
#1	5.8425	3.8936	.04173	3.9262	.34386	5.202	2.6926	3.4114
#2	5.9871	3.8838	.04325	3.9265	.33878	5.182	2.7013	3.4419
#3	5.8686	3.8974	.04107	3.9549	.34294	5.175	2.7213	3.3916

Sample Name: K1712-07 Acquired: 3/4/2019 18:48:43 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 540.59
 Stddev 2.29
 %RSD .42335

#1 543.06
 #2 538.55
 #3 540.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.4	40318.	4093.8	16.456	2420.2
Stddev	6.9	80.	8.1	.227	4.3
%RSD	.19023	.19735	.19743	1.3812	.17639

#1	3599.7	40226.	4100.6	16.442	2422.6
#2	3597.2	40359.	4096.0	16.690	2415.3
#3	3610.2	40369.	4084.9	16.236	2422.7

Sample Name: CCV08 Acquired: 3/4/2019 18:53:11 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14631 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8774	5.0472	5.1270	4.9087	4.9716	9.9225	9.9393	.24972
Stddev	.0346	.0021	.0113	.0285	.0197	.0617	.0585	.00068
%RSD	.71006	.04086	.22013	.58004	.39646	.62195	.58868	.27358
#1	4.8590	5.0495	5.1211	4.9298	4.9720	9.8739	9.8738	.25036
#2	4.9174	5.0455	5.1199	4.9201	4.9911	9.9016	9.9865	.24900
#3	4.8559	5.0466	5.1400	4.8763	4.9517	9.9919	9.9575	.24980
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4528	25.306	1.0088	2.5417	1.3404	5.2873	2.4799	24.585
Stddev	.0025	.176	.0014	.0015	.0064	.0484	.0027	.180
%RSD	.10062	.69428	.13503	.06118	.47531	.91584	.10979	.73192
#1	2.4528	25.104	1.0074	2.5434	1.3370	5.2654	2.4805	24.378
#2	2.4504	25.409	1.0101	2.5414	1.3477	5.3428	2.4770	24.707
#3	2.4553	25.407	1.0087	2.5403	1.3364	5.2537	2.4823	24.669
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7604	F 1.3873	23.934	2.3362	2.4851	23.836	4.9220	F 4.2793
Stddev	.0067	.0051	.150	.0020	.0010	.182	.0252	.0254
%RSD	.24325	.36915	.62636	.08679	.03831	.76556	.51117	.59301
#1	2.7550	1.3836	23.762	2.3350	2.4860	23.630	4.9139	4.2500
#2	2.7679	1.3931	24.009	2.3351	2.4852	23.976	4.9502	4.2919
#3	2.7583	1.3851	24.032	2.3386	2.4841	23.903	4.9018	4.2958
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8129	4.7343	4.9053	4.7150	4.5129	4.946	F 3.9434	F 6.3587
Stddev	.0312	.0308	.0110	.0101	.0227	.004	.0389	.1322
%RSD	.64829	.64986	.22512	.21492	.50214	.0803	.98632	2.0785
#1	4.8483	4.7101	4.9080	4.7043	4.4875	4.950	3.9008	6.3044
#2	4.8010	4.7689	4.9147	4.7245	4.5309	4.946	3.9770	6.5094
#3	4.7894	4.7239	4.8931	4.7161	4.5204	4.942	3.9525	6.2624

Sample Name: CCV08 Acquired: 3/4/2019 18:53:11 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14631 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1698
Stddev	1.3686
%RSD	43.175

#1	4.3400
#2	3.5046
#3	1.6649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.1	40658.	3816.6	17.480	2882.1
Stddev	19.1	38.	23.0	1.023	2.5
%RSD	.52542	.09375	.60324	5.8548	.08581

#1	3649.8	40702.	3831.0	16.977	2879.6
#2	3622.8	40629.	3790.1	16.806	2882.0
#3	3659.8	40645.	3828.8	18.658	2884.6

Sample Name: CCB08 Acquired: 3/4/2019 18:57:10 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14631 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	.00071	-.00103	.00036	-.00025	.00178	-.02209
Stddev	.00009	.00100	.00015	.00108	.00047	.01168	.00480
%RSD	4.0570	141.81	14.282	302.65	189.40	655.80	21.735

#1	-.00216	.00132	-.00092	.00155	-.00008	.01455	-.02670
#2	-.00203	-.00045	-.00097	.00010	-.00079	-.00085	-.02244
#3	-.00219	.00125	-.00120	-.00057	.00011	-.00836	-.01712

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00021	.01375	.00028	-.00006	.00133	-.00039
Stddev	.00003	.00014	.00230	.00012	.00017	.00145	.00136
%RSD	24.941	70.428	16.727	44.276	264.22	109.06	351.35

#1	.00009	-.00032	.01619	.00017	.00013	.00061	-.00128
#2	.00015	-.00025	.01343	.00041	-.00017	.00038	-.00105
#3	.00013	-.00004	.01162	.00026	-.00015	.00299	.00117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00381	-.00065	.00122	-.04710	-.00034	-.00026
Stddev	.00004	.04789	.00072	.00019	.01011	.00031	.00010
%RSD	418.14	1257.1	111.41	15.244	21.471	90.821	36.613

#1	-.00004	.05416	-.00113	.00103	-.04307	-.00047	-.00033
#2	-.00002	-.04117	.00018	.00123	-.05860	.00001	-.00015
#3	.00004	-.00156	-.00100	.00140	-.03962	-.00055	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09510	.00053	-.00496	F -.02303	.00902	-.00084	-.00045
Stddev	.05020	.00049	.00647	.01514	.00105	.00066	.00042
%RSD	52.788	93.776	130.39	65.723	11.639	77.904	93.563

#1	.08126	.00064	-.00058	-.03115	.00829	-.00082	-.00093
#2	.05327	.00095	-.00192	-.03238	.00854	-.00020	-.00012
#3	.15077	-.00001	-.01238	-.00557	.01022	-.00151	-.00032

Sample Name: CCB08 Acquired: 3/4/2019 18:57:10 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14631 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00249	-0.0012	-0.00019	F 4.8680	F<.00000
Stddev	.00170	.0008	.00020	.1108	1.0505
%RSD	68.165	68.05	109.03	2.2759	94.504
#1	-0.00404	-0.0008	-0.00016	4.7433	-.04878
#2	-.00275	-.0022	.00000	4.9053	-2.1493
#3	-.00068	-.0007	-.00040	4.9552	-1.1367
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.2	42073.	3863.4	18.850	3235.7
Stddev	13.0	81.	100.1	.336	14.2
%RSD	.35054	.19207	2.5902	1.7843	.43853
#1	3696.7	42122.	3774.7	18.950	3251.0
#2	3719.2	41980.	3971.9	18.475	3233.3
#3	3696.8	42119.	3843.7	19.125	3222.9

Sample Name: K1712-07DUP Acquired: 3/4/2019 19:01:39 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04960	-.03282	6.0596	-.05868	-.01086	142.84	1.4893	.00915
Stddev	.00274	.00080	.0157	.00142	.00351	.48	.0185	.00021
%RSD	5.5250	2.4257	.25827	2.4206	32.360	.33641	1.2414	2.3451
#1	.05235	-.03255	6.0768	-.05923	-.01078	142.29	1.4939	.00894
#2	.04687	-.03219	6.0560	-.05707	-.00739	143.12	1.5051	.00937
#3	.04960	-.03372	6.0461	-.05974	-.01441	143.12	1.4690	.00915
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	863.05	.28892	.13073	.75698	158.54	4.9462	110.12
Stddev	.00007	4.84	.00277	.00041	.00139	1.00	.0071	.54
%RSD	4.0419	.56131	.95841	.31622	.18398	.63189	.14356	.49364
#1	.00159	865.05	.28579	.13111	.75647	159.11	4.9401	110.04
#2	.00164	866.58	.29104	.13029	.75591	159.12	4.9445	110.69
#3	.00172	857.53	.28994	.13079	.75855	157.38	4.9540	109.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21060	.00892	8.2888	.44902	1.6544	10.874	.00204	.02449
Stddev	.00150	.00093	.1224	.00286	.0043	.123	.00045	.00636
%RSD	.71061	10.400	1.4762	.63678	.26105	1.1351	21.848	25.983
#1	.21213	.00989	8.3294	.44677	1.6592	10.927	.00158	.02865
#2	.20914	.00882	8.3857	.45224	1.6508	10.963	.00247	.01716
#3	.21054	.00804	8.1513	.44806	1.6531	10.733	.00208	.02765
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8628	3.8411	.04400	3.7918	.33435	5.508	2.7419	3.4402
Stddev	.0725	.0434	.00090	.0263	.00171	.006	.0227	.0992
%RSD	1.2374	1.1289	2.0483	.69306	.51263	.1063	.82908	2.8838
#1	5.9424	3.8346	.04500	3.7648	.33253	5.509	2.7611	3.3267
#2	5.8458	3.8874	.04377	3.8172	.33593	5.514	2.7477	3.4836
#3	5.8003	3.8014	.04324	3.7935	.33460	5.502	2.7168	3.5104

Sample Name: K1712-07DUP Acquired: 3/4/2019 19:01:39 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 525.76
Stddev	3.86
%RSD	.73381

#1	521.39
#2	528.69
#3	527.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.2	40409.	4098.4	15.902	2428.3
Stddev	3.4	133.	30.8	1.766	7.0
%RSD	.09520	.32989	.75213	11.106	.28870

#1	3606.7	40560.	4086.3	13.864	2420.5
#2	3610.2	40307.	4075.4	16.850	2430.4
#3	3613.5	40361.	4133.4	16.991	2434.1

Sample Name: K1712-07LX5 Acquired: 3/4/2019 19:06:06 Type: Unk
Method: P4-ICP2(v2905) 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	.01237	-.00567	1.2338	-.01309	-.00829	29.124	.30820	.00189
Stddev	.00047	.00171	.0032	.00274	.00206	.248	.00768	.00004
%RSD	3.8320	30.117	.25617	20.913	24.811	.85254	2.4921	2.2631
#1	.01233	-.00650	1.2331	-.01571	-.01065	29.090	.29943	.00185
#2	.01192	-.00370	1.2311	-.01331	-.00695	28.894	.31146	.00188
#3	.01286	-.00680	1.2373	-.01025	-.00726	29.387	.31372	.00194
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	188.92	.06399	.02628	.17521	42.535	1.1151	24.795
Stddev	.00013	2.48	.00056	.00007	.00183	.612	.0011	.253
%RSD	7.1956	1.3146	.88120	.24969	1.0435	1.4386	.09933	1.0207
#1	-.00162	186.32	.06379	.02626	.17663	42.001	1.1162	24.532
#2	-.00183	191.27	.06463	.02635	.17585	43.203	1.1140	25.037
#3	-.00186	189.17	.06356	.02623	.17315	42.400	1.1150	24.816
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04194	.00301	1.7705	.09823	.31281	2.4190	.00085	.01336
Stddev	.00048	.00027	.0210	.00019	.00017	.0437	.00027	.01129
%RSD	1.1534	8.9603	1.1886	.18894	.05567	1.8054	31.407	84.478
#1	.04246	.00331	1.7466	.09843	.31261	2.3718	.00115	.02258
#2	.04186	.00280	1.7860	.09821	.31290	2.4580	.00069	.00077
#3	.04150	.00291	1.7790	.09806	.31293	2.4271	.00069	.01673
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0816	.88947	.00855	.84264	.07057	.9874	.58100	5.7273
Stddev	.0145	.01239	.00018	.01006	.00109	.0024	.00737	.2127
%RSD	1.3411	1.3926	2.0708	1.1944	1.5511	.2452	1.2689	3.7147
#1	1.0653	.88663	.00865	.83103	.07180	.9852	.57438	5.8954
#2	1.0930	.90303	.00867	.84898	.06972	.9871	.58895	5.4881
#3	1.0864	.87875	.00835	.84790	.07018	.9900	.57968	5.7985

Sample Name: K1712-07LX5 Acquired: 3/4/2019 19:06:06 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 104.94
Stddev	1.41
%RSD	1.3394

#1	105.11
#2	106.25
#3	103.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.5	40397.	3848.7	17.202	2826.7
Stddev	20.8	195.	46.3	.176	2.7
%RSD	.57838	.48330	1.2017	1.0239	.09726

#1	3578.8	40188.	3882.5	17.284	2825.3
#2	3588.9	40575.	3796.0	17.000	2829.9
#3	3618.8	40427.	3867.6	17.322	2825.0

Sample Name: K1712-07MS Acquired: 3/4/2019 19:10:26 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86500	2.1596	14.146	1.9081	.14943	166.70	1.6785	.23949
Stddev	.00701	.0049	.055	.0141	.00109	.14	.0189	.00056
%RSD	.81004	.22664	.39080	.73725	.73071	.08516	1.1282	.23365
#1	.85940	2.1540	14.189	1.8987	.14853	166.54	1.6868	.23896
#2	.87286	2.1617	14.084	1.9242	.14912	166.81	1.6920	.23943
#3	.86275	2.1631	14.167	1.9012	.15065	166.75	1.6569	.24007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22656	909.65	.71359	.37122	.89339	160.19	5.4226	120.68
Stddev	.00031	9.02	.00317	.00046	.00272	1.62	.0026	.87
%RSD	.13801	.99195	.44465	.12352	.30446	1.0123	.04830	.72281
#1	.22691	910.23	.71585	.37175	.89143	160.65	5.4200	120.77
#2	.22642	918.36	.71496	.37098	.89650	161.52	5.4225	121.51
#3	.22633	900.34	.70996	.37094	.89225	158.38	5.4252	119.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70438	.08265	11.738	.73231	2.0228	22.900	.37530	.29825
Stddev	.00563	.00036	.151	.00268	.0106	.315	.00156	.01378
%RSD	.79867	.43197	1.2826	.36538	.52384	1.3758	.41603	4.6193
#1	.69843	.08301	11.785	.72933	2.0297	23.019	.37513	.29126
#2	.70511	.08230	11.859	.73451	2.0106	23.138	.37694	.31413
#3	.70961	.08264	11.569	.73308	2.0281	22.542	.37383	.28937
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7839	7.0402	.81114	4.0419	.60953	F 11.98	3.1680	4.2670
Stddev	.0517	.0829	.00169	.0141	.00458	.02	.0362	.1994
%RSD	.76266	1.1770	.20824	.34857	.75074	.1690	1.1432	4.6733
#1	6.8094	7.0538	.81162	4.0262	.60652	11.96	3.1743	4.4416
#2	6.8179	7.1154	.80926	4.0459	.61480	12.00	3.2008	4.3097
#3	6.7244	6.9514	.81253	4.0535	.60727	11.99	3.1291	4.0497

Sample Name: K1712-07MS Acquired: 3/4/2019 19:10:26 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-1MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 519.94
Stddev	3.32
%RSD	.63757

#1	516.75
#2	519.71
#3	523.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.9	39993.	4011.2	17.221	2388.3
Stddev	4.0	106.	43.6	.612	8.7
%RSD	.11170	.26424	1.0868	3.5558	.36520

#1	3569.2	39883.	3994.3	17.451	2380.3
#2	3572.4	40002.	3978.6	16.527	2397.6
#3	3577.1	40094.	4060.7	17.685	2387.2

Sample Name: K1712-07MSD Acquired: 3/4/2019 19:14:48 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87369	2.1722	12.006	1.9234	.15064	167.40	1.7205	.24036
Stddev	.00352	.0076	.022	.0084	.00358	.68	.0129	.00065
%RSD	.40242	.34996	.18010	.43551	2.3753	.40808	.74993	.26843
#1	.87124	2.1806	12.005	1.9254	.14739	166.65	1.7080	.24072
#2	.87772	2.1705	11.984	1.9306	.15448	167.53	1.7338	.24075
#3	.87212	2.1657	12.027	1.9142	.15006	168.00	1.7197	.23962
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22782	912.71	.70582	.37646	.92716	163.84	5.5555	122.48
Stddev	.00037	8.17	.00177	.00054	.00194	1.06	.0100	.86
%RSD	.16073	.89511	.25099	.14282	.20888	.64698	.18008	.70581
#1	.22823	903.57	.70506	.37614	.92656	162.66	5.5591	121.49
#2	.22770	919.31	.70456	.37615	.92933	164.73	5.5632	123.08
#3	.22753	915.25	.70785	.37708	.92559	164.12	5.5442	122.86
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71128	.08244	11.785	.73823	2.0439	23.070	.37796	.30664
Stddev	.00147	.00080	.054	.00072	.0013	.103	.00052	.00564
%RSD	.20677	.97092	.46226	.09749	.06276	.44748	.13726	1.8393
#1	.71181	.08214	11.750	.73894	2.0437	22.995	.37762	.31291
#2	.71242	.08183	11.848	.73823	2.0428	23.187	.37856	.30503
#3	.70962	.08335	11.757	.73751	2.0453	23.027	.37771	.30198
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5576	6.6527	.79198	4.1001	.62549	F 12.03	3.1677	4.3473
Stddev	.0372	.0332	.00310	.0245	.00571	.01	.0396	.0626
%RSD	.56668	.49955	.39085	.59706	.91320	.0999	1.2512	1.4395
#1	6.5994	6.6500	.79489	4.0733	.61904	12.04	3.1246	4.3606
#2	6.5284	6.6873	.78873	4.1213	.62992	12.02	3.2027	4.4022
#3	6.5451	6.6210	.79232	4.1056	.62750	12.02	3.1758	4.2792

Sample Name: K1712-07MSD Acquired: 3/4/2019 19:14:48 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1MSD Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 530.80
Stddev 1.95
%RSD .36783

#1 529.15
#2 532.96
#3 530.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.7	39987.	3976.6	15.785	2400.1
Stddev	6.2	32.	12.0	1.373	4.6
%RSD	.17327	.08105	.30242	8.7001	.19331

#1	3570.9	39966.	3987.6	16.562	2395.0
#2	3579.1	40025.	3963.8	16.594	2404.1
#3	3583.1	39972.	3978.4	14.199	2401.2

Sample Name: K1712-07A Acquired: 3/4/2019 19:19:08 Type: Unk
Method: P4-ICP2(v2905) 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	.87191	2.1529	14.087	1.9262	.15238	165.84	1.6848	.23930
Stddev	.00390	.0086	.059	.0015	.00431	.64	.0020	.00059
%RSD	.44741	.40057	.41810	.08035	2.8275	.38831	.11809	.24830
#1	.87521	2.1628	14.117	1.9265	.15195	165.39	1.6836	.23937
#2	.87292	2.1480	14.019	1.9275	.15689	165.55	1.6871	.23868
#3	.86760	2.1478	14.124	1.9245	.14831	166.57	1.6837	.23986
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22611	913.01	.71271	.36917	.90272	160.99	5.3999	121.11
Stddev	.00023	5.58	.00129	.00107	.00496	.58	.0036	.76
%RSD	.10197	.61124	.18094	.28987	.54931	.36337	.06734	.62349
#1	.22585	906.56	.71129	.37019	.90039	160.31	5.3984	120.32
#2	.22630	916.19	.71380	.36806	.90841	161.33	5.4041	121.19
#3	.22616	916.27	.71305	.36927	.89936	161.32	5.3973	121.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70677	.08151	11.811	.73176	2.0084	23.010	.37737	.30528
Stddev	.00297	.00078	.036	.00356	.0034	.068	.00108	.00690
%RSD	.42001	.95927	.30540	.48662	.17085	.29539	.28675	2.2588
#1	.70920	.08063	11.771	.73032	2.0123	22.983	.37632	.29738
#2	.70346	.08179	11.821	.73581	2.0057	22.960	.37849	.30832
#3	.70764	.08212	11.841	.72914	2.0072	23.088	.37730	.31013
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8099	7.2855	.80558	4.0284	.60701	F 11.95	3.1915	4.1794
Stddev	.0266	.0183	.00219	.0165	.00265	.01	.0209	.1110
%RSD	.39100	.25089	.27169	.40930	.43640	.0464	.65405	2.6558
#1	6.7922	7.2731	.80512	4.0112	.60700	11.95	3.1682	4.1050
#2	6.7969	7.2769	.80796	4.0441	.60436	11.96	3.2085	4.1262
#3	6.8405	7.3065	.80366	4.0299	.60966	11.95	3.1979	4.3070

Sample Name: K1712-07A Acquired: 3/4/2019 19:19:08 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 519.78
 Stddev 2.40
 %RSD .46170

#1 517.08
 #2 520.60
 #3 521.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.8	40130.	3991.5	16.377	2413.0
Stddev	8.4	61.	11.3	.493	7.5
%RSD	.23540	.15204	.28379	3.0092	.30946

#1	3570.5	40137.	4000.3	15.808	2405.9
#2	3581.9	40066.	3978.7	16.673	2420.8
#3	3586.9	40187.	3995.6	16.650	2412.3

Sample Name: K1712-11 Acquired: 3/4/2019 19:23:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08481	-.04350	25.265	-.08269	-.00531	149.21	5.2286	.01322
Stddev	.00235	.00005	.024	.00293	.00488	.75	.0261	.00033
%RSD	2.7695	.12509	.09634	3.5392	91.885	.50287	.49870	2.5294
#1	.08629	-.04356	25.271	-.08045	-.00300	148.40	5.2144	.01299
#2	.08605	-.04348	25.238	-.08600	-.00201	149.34	5.2128	.01361
#3	.08211	-.04345	25.286	-.08162	-.01091	149.89	5.2587	.01307
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00976	668.61	.44939	.17054	1.4325	229.80	5.4105	114.81
Stddev	.00017	3.03	.00183	.00040	.0045	1.05	.0035	.14
%RSD	1.7804	.45314	.40787	.23518	.31472	.45716	.06448	.12128
#1	.00979	667.36	.45042	.17009	1.4338	230.14	5.4091	114.66
#2	.00992	666.42	.44728	.17069	1.4363	228.62	5.4079	114.85
#3	.00958	672.07	.45048	.17085	1.4276	230.63	5.4145	114.93
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24468	.01479	19.128	.58010	7.3403	13.243	.00705	.05581
Stddev	.00178	.00028	.111	.00537	.0026	.040	.00027	.01159
%RSD	.72866	1.8837	.57837	.92501	.03547	.30057	3.8734	20.767
#1	.24673	.01469	19.090	.57401	7.3396	13.202	.00721	.06077
#2	.24349	.01458	19.041	.58411	7.3382	13.245	.00674	.04257
#3	.24382	.01511	19.253	.58219	7.3432	13.281	.00721	.06410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.140	2.8544	.24699	4.3695	.26464	8.022	2.6940	1.5829
Stddev	.085	.0277	.00089	.0122	.00293	.017	.0129	.0591
%RSD	.64425	.96974	.36083	.28022	1.1057	.2053	.47805	3.7323
#1	13.232	2.8696	.24777	4.3556	.26763	8.034	2.6849	1.6491
#2	13.123	2.8713	.24718	4.3788	.26452	8.003	2.6884	1.5641
#3	13.065	2.8225	.24602	4.3741	.26179	8.028	2.7088	1.5355

Sample Name: K1712-11 Acquired: 3/4/2019 19:23:29 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 824.61
 Stddev 4.19
 %RSD .50816

#1 824.81
 #2 828.69
 #3 820.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.8	41879.	4156.7	18.642	2428.6
Stddev	10.4	44.	18.9	1.573	.8
%RSD	.28193	.10613	.45455	8.4397	.03148

#1	3694.0	41828.	4139.4	20.293	2428.2
#2	3691.6	41900.	4176.8	17.160	2428.2
#3	3710.8	41910.	4153.7	18.472	2429.5

Sample Name: K1712-15 Acquired: 3/4/2019 19:27:55 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24587	-.05038	10.300	-.12290	-.00333	158.01	3.5739	.02026
Stddev	.00177	.00127	.038	.00568	.00218	2.35	.2019	.00028
%RSD	.72016	2.5171	.36513	4.6229	65.592	1.4856	5.6501	1.3685
#1	.24383	-.05153	10.311	-.12946	-.00526	155.81	3.4621	.02014
#2	.24692	-.05059	10.331	-.11980	-.00096	157.74	3.4526	.02007
#3	.24687	-.04902	10.258	-.11945	-.00377	160.48	3.8070	.02058
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02311	332.92	.92635	.21263	2.0093	340.49	6.4504	130.25
Stddev	.00153	17.80	.00753	.00059	.0055	12.37	.0301	7.00
%RSD	6.6289	5.3467	.81237	.27822	.27283	3.6342	.46718	5.3725
#1	.02429	322.81	.92438	.21307	2.0095	333.63	6.4191	126.02
#2	.02366	322.48	.93467	.21285	2.0147	333.06	6.4530	126.41
#3	.02138	353.47	.92001	.21196	2.0038	354.77	6.4792	138.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31183	.02459	12.215	.67119	6.7003	8.5037	.01922	-.04792
Stddev	.00010	.00217	.631	.00364	.0230	.3552	.00022	.00623
%RSD	.03304	8.8185	5.1670	.54259	.34307	4.1775	1.1681	13.009
#1	.31192	.02424	11.916	.66716	6.7044	8.3447	.01917	-.04771
#2	.31172	.02262	11.789	.67217	6.7209	8.2557	.01903	-.04179
#3	.31187	.02692	12.940	.67424	6.6755	8.9106	.01947	-.05425
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2762	1.5685	.23296	5.5015	.21120	8.585	.97259	.23735
Stddev	.0303	.0714	.00075	.3107	.01139	.012	.05833	.26277
%RSD	.32678	4.5540	.32014	5.6473	5.3912	.1382	5.9972	110.71
#1	9.2847	1.5793	.23337	5.3242	.20265	8.596	.93733	.25014
#2	9.3013	1.4923	.23210	5.3200	.20682	8.585	.94052	.49349
#3	9.2425	1.6339	.23342	5.8602	.22412	8.572	1.0399	-.03159

Sample Name: K1712-15 Acquired: 3/4/2019 19:27:55 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1380.3
 Stddev 6.8
 %RSD .49126

#1 1373.4
 #2 1387.0
 #3 1380.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.6	42428.	4067.7	17.123	2513.0
Stddev	9.5	248.	156.1	.721	11.1
%RSD	.25223	.58416	3.8382	4.2101	.44290

#1	3743.1	42640.	4139.4	17.069	2507.1
#2	3749.8	42156.	4175.0	17.869	2506.0
#3	3761.8	42490.	3888.6	16.430	2525.8

Sample Name: K1712-19 Acquired: 3/4/2019 19:32:30 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03684	-.00540	.21808	-.05039	-.01739	203.33	.74378	.01166
Stddev	.00232	.00381	.00416	.00293	.00080	1.74	.01367	.00025
%RSD	6.3032	70.528	1.9097	5.8146	4.6043	.85658	1.8385	2.1591
#1	.03938	-.00356	.21528	-.04819	-.01808	201.50	.74826	.01168
#2	.03632	-.00978	.21609	-.04925	-.01651	203.53	.75466	.01141
#3	.03482	-.00286	.22286	-.05372	-.01757	204.96	.72843	.01191
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00598	19.674	.17759	.09697	.05916	197.95	3.4775	26.102
Stddev	.00036	.194	.00170	.00033	.00108	3.18	.0098	.099
%RSD	6.0688	.98524	.95985	.34357	1.8302	1.6042	.28093	.37882
#1	-.00603	19.790	.17621	.09718	.05962	198.80	3.4697	26.160
#2	-.00631	19.782	.17706	.09714	.05793	200.62	3.4743	26.158
#3	-.00559	19.450	.17950	.09659	.05995	194.44	3.4885	25.988
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08143	.01475	2.2984	.32817	.45247	7.4884	.00330	-.00298
Stddev	.00119	.00056	.0221	.00382	.00138	.0321	.00015	.01299
%RSD	1.4635	3.7997	.96135	1.1646	.30416	.42916	4.6214	435.08
#1	.08177	.01512	2.3232	.32399	.45188	7.5194	.00318	.01064
#2	.08010	.01503	2.2913	.33149	.45149	7.4906	.00325	-.00438
#3	.08241	.01411	2.2808	.32902	.45404	7.4553	.00347	-.01522
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45916	5.3370	.01508	1.3224	.13361	9.813	-.01188	1.9314
Stddev	.02777	.1076	.00106	.0063	.00264	.022	.00334	.1727
%RSD	6.0478	2.0153	7.0217	.48002	1.9759	.2241	28.150	8.9417
#1	.48440	5.3780	.01390	1.3210	.13121	9.787	-.01302	1.7710
#2	.42942	5.4179	.01537	1.3293	.13318	9.825	-.01450	2.1142
#3	.46368	5.2149	.01595	1.3168	.13643	9.825	-.00811	1.9088

Sample Name: K1712-19 Acquired: 3/4/2019 19:32:30 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 627.17
 Stddev 5.93
 %RSD .94513

#1 620.73
 #2 628.40
 #3 632.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4000.5	44294.	4192.8	18.910	2892.1
Stddev	10.3	142.	68.6	1.544	9.2
%RSD	.25819	.32057	1.6369	8.1674	.31903

#1	3996.6	44456.	4146.8	17.787	2893.8
#2	3992.7	44192.	4159.8	18.271	2900.4
#3	4012.2	44234.	4271.7	20.671	2882.2

Sample Name: K1715-03 Acquired: 3/4/2019 19:37:03 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-B-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	.06887	-.01245	.37496	-.02884	-.01086	85.969	.65607	.00969
Stddev	.00348	.00134	.00331	.00282	.00078	.167	.00519	.00010
%RSD	5.0567	10.750	.88278	9.7687	7.2230	.19406	.79049	1.0242
#1	.06966	-.01150	.37608	-.03206	-.01143	86.113	.66099	.00979
#2	.07189	-.01187	.37124	-.02766	-.01119	85.786	.65065	.00969
#3	.06506	-.01398	.37757	-.02681	-.00997	86.009	.65658	.00959
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00392	35.054	.13248	.09421	.13518	144.16	3.5178	32.915
Stddev	.00024	.115	.00118	.00063	.00066	.97	.0072	.095
%RSD	6.1875	.32794	.88881	.67048	.48639	.67430	.20395	.28867
#1	-.00412	35.088	.13368	.09391	.13572	145.11	3.5258	32.881
#2	-.00400	34.926	.13132	.09377	.13537	143.17	3.5122	32.842
#3	-.00365	35.148	.13243	.09493	.13445	144.21	3.5152	33.022
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14569	.01185	2.8857	.19744	.47145	8.1281	.00094	.01944
Stddev	.00043	.00025	.0105	.00053	.00066	.0495	.00045	.00172
%RSD	.29841	2.0726	.36502	.26658	.13895	.60951	47.458	8.8247
#1	.14531	.01178	2.8735	.19758	.47156	8.1052	.00097	.01996
#2	.14560	.01212	2.8921	.19685	.47204	8.1849	.00049	.01752
#3	.14617	.01164	2.8915	.19788	.47074	8.0940	.00138	.02083
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3755	2.8168	.02895	1.6604	.11529	4.344	-.07529	1.0023
Stddev	.0261	.0189	.00050	.0055	.00244	.011	.00172	.4071
%RSD	1.8989	.66958	1.7379	.33006	2.1159	.2625	2.2838	40.613
#1	1.3575	2.8353	.02855	1.6541	.11673	4.350	-.07703	1.4714
#2	1.4055	2.8176	.02952	1.6628	.11667	4.331	-.07359	.79369
#3	1.3635	2.7976	.02879	1.6643	.11247	4.352	-.07525	.74183

Sample Name: K1715-03 Acquired: 3/4/2019 19:37:03 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-B-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 441.69
 Stddev 2.13
 %RSD .48143

#1 439.87
 #2 441.17
 #3 444.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4097.9	46359.	4293.4	18.376	2949.3
Stddev	8.3	295.	32.6	1.075	18.8
%RSD	.20291	.63570	.75919	5.8478	.63772

#1	4088.9	46036.	4263.4	17.466	2949.3
#2	4099.5	46614.	4328.1	18.101	2968.0
#3	4105.3	46426.	4288.7	19.561	2930.4

Sample Name: K1715-07 Acquired: 3/4/2019 19:41:26 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-B-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	.22283	-.04980	.62485	-.04195	-.01416	115.50	.73873	.00991
Stddev	.00111	.00024	.00344	.00323	.00031	.76	.01157	.00023
%RSD	.49804	.48939	.55095	7.6999	2.1643	.65695	1.5667	2.3095
#1	.22371	-.04957	.62775	-.03822	-.01400	114.69	.73643	.00969
#2	.22320	-.05006	.62105	-.04359	-.01396	115.59	.75128	.00990
#3	.22159	-.04979	.62575	-.04402	-.01451	116.20	.72847	.01015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	63.245	.18349	.20570	.57533	176.77	3.8157	62.103
Stddev	.00041	.584	.00088	.00074	.00168	2.68	.0073	.756
%RSD	16.823	.92340	.47968	.35809	.29285	1.5167	.19211	1.2169
#1	-.00215	62.999	.18358	.20485	.57721	175.73	3.8073	61.384
#2	-.00288	63.912	.18257	.20612	.57395	179.82	3.8191	62.891
#3	-.00221	62.825	.18433	.20614	.57483	174.77	3.8208	62.036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22542	.01457	10.842	.46536	.56169	6.1333	.00766	.01070
Stddev	.00128	.00060	.155	.00122	.00043	.0949	.00015	.00508
%RSD	.56871	4.1027	1.4270	.26251	.07586	1.5473	1.9414	47.462
#1	.22524	.01509	10.761	.46404	.56163	6.0891	.00778	.00740
#2	.22424	.01469	11.021	.46644	.56129	6.2423	.00750	.01655
#3	.22678	.01391	10.745	.46561	.56214	6.0686	.00772	.00815
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6063	2.0442	.04005	5.0334	.11626	6.513	-.02553	1.0042
Stddev	.0451	.0440	.00050	.0253	.00262	.010	.00225	.1295
%RSD	.68275	2.1523	1.2494	.50228	2.2518	.1596	8.8045	12.896
#1	6.5919	2.0858	.04017	5.0065	.11778	6.523	-.02491	1.0867
#2	6.6568	2.0488	.04048	5.0566	.11775	6.502	-.02802	1.0710
#3	6.5701	1.9981	.03950	5.0371	.11323	6.514	-.02365	.85496

Sample Name: K1715-07 Acquired: 3/4/2019 19:41:26 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-B-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 588.31
 Stddev 4.16
 %RSD .70696

#1 584.03
 #2 588.54
 #3 592.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.7	45527.	4323.3	18.024	2831.4
Stddev	4.7	82.	56.9	1.962	5.3
%RSD	.11784	.17967	1.3164	10.883	.18568

#1	4010.3	45593.	4329.0	20.060	2832.3
#2	4019.0	45436.	4263.7	16.147	2825.7
#3	4017.8	45553.	4377.1	17.865	2836.1

Sample Name: CCV09 Acquired: 3/4/2019 19:45:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117588BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8616	5.0064	5.0627	4.8832	4.9300	9.7902	10.045	.24819
Stddev	.0372	.0169	.0182	.0480	.0360	.0276	.057	.00123
%RSD	.76570	.33795	.35895	.98214	.72941	.28199	.57167	.49528
#1	4.8910	4.9891	5.0438	4.9295	4.9629	9.7919	10.011	.24952
#2	4.8198	5.0072	5.0641	4.8337	4.8916	9.8169	10.012	.24795
#3	4.8742	5.0229	5.0801	4.8865	4.9355	9.7618	10.111	.24710
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4322	25.604	1.0059	2.5115	1.3735	5.3715	2.4640	24.575
Stddev	.0074	.080	.0046	.0076	.0118	.0335	.0098	.283
%RSD	.30432	.31268	.45680	.30332	.85924	.62324	.39992	1.1533
#1	2.4236	25.513	1.0101	2.5029	1.3817	5.3745	2.4754	24.255
#2	2.4369	25.631	1.0010	2.5144	1.3599	5.3366	2.4581	24.675
#3	2.4359	25.666	1.0065	2.5173	1.3787	5.4034	2.4585	24.795
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.8264	F 1.3985	24.348	2.3550	2.4984	24.484	4.9194	F 4.3679
Stddev	.0081	.0062	.141	.0083	.0039	.131	.0267	.0272
%RSD	.28640	.44237	.57822	.35300	.15758	.53498	.54322	.62192
#1	2.8171	1.3996	24.233	2.3637	2.4940	24.490	4.9390	4.3369
#2	2.8314	1.3918	24.305	2.3472	2.5016	24.350	4.8890	4.3875
#3	2.8309	1.4040	24.505	2.3539	2.4996	24.612	4.9304	4.3794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7236	4.8339	4.8612	4.7232	4.5390	4.908	F 4.0641	F 6.0022
Stddev	.0121	.0357	.0195	.0223	.0210	.007	.0176	.2130
%RSD	.25548	.73911	.40171	.47233	.46191	.1474	.43217	3.5493
#1	4.7198	4.8320	4.8387	4.7004	4.5243	4.906	4.0561	6.1398
#2	4.7371	4.7992	4.8729	4.7243	4.5297	4.902	4.0519	5.7568
#3	4.7138	4.8706	4.8721	4.7450	4.5630	4.916	4.0842	6.1100

Sample Name: CCV09 Acquired: 3/4/2019 19:45:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117588BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3634
Stddev	.7911
%RSD	23.520

#1	2.4501
#2	3.8306
#3	3.8096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.6	40801.	3729.1	17.681	2897.0
Stddev	22.1	277.	19.2	1.356	6.4
%RSD	.60629	.67886	.51574	7.6700	.21937

#1	3621.6	40481.	3709.7	16.314	2904.0
#2	3664.2	40954.	3748.1	19.026	2895.2
#3	3633.0	40968.	3729.6	17.703	2891.6

Sample Name: CCB09 Acquired: 3/4/2019 19:49:53 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117588BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	.00035	-.00010	-.00137	.00038	-.00125	-.01220
Stddev	.00423	.00097	.00149	.00239	.00219	.00242	.00469
%RSD	396.94	279.54	1514.0	174.67	580.42	193.82	38.456

#1	-.00217	-.00047	.00161	.00139	-.00003	.00081	-.01288
#2	-.00463	.00009	-.00113	-.00284	.00274	-.00064	-.00721
#3	.00360	.00141	-.00078	-.00266	-.00158	-.00392	-.01652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00010	-.03258	.00032	-.00008	.00068	.00029
Stddev	.00006	.00007	.00549	.00020	.00006	.00080	.00156
%RSD	37.930	65.683	16.853	63.088	78.114	117.74	545.73

#1	.00009	-.00005	-.02712	.00012	-.00001	.00036	.00091
#2	.00020	-.00018	-.03810	.00030	-.00013	.00009	.00144
#3	.00015	-.00008	-.03251	.00052	-.00010	.00158	-.00149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01246	.00028	.00109	-.04606	-.00016	.00038
Stddev	.00004	.09094	.00025	.00096	.00144	.00048	.00010
%RSD	77.445	730.14	87.089	87.863	3.1169	301.89	26.860

#1	.00003	-.08262	.00056	.00015	-.04616	-.00056	.00030
#2	.00003	.09029	.00010	.00106	-.04744	-.00029	.00050
#3	.00010	-.04503	.00019	.00206	-.04457	.00037	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07434	.00026	-.00254	F -.01123	.00845	-.00141	-.00215
Stddev	.05818	.00032	.00534	.01987	.00259	.00068	.00499
%RSD	78.253	124.83	210.68	176.94	30.621	48.111	232.32

#1	.02583	-.00000	.00352	.01003	.01032	-.00214	.00355
#2	.13884	.00062	-.00455	-.01438	.00550	-.00080	-.00573
#3	.05836	.00016	-.00658	-.02934	.00954	-.00129	-.00427

Sample Name: CCB09 Acquired: 3/4/2019 19:49:53 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117588BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00103	-0.0006	-0.00024	F 4.6990	F<.00000
Stddev	.00138	.0004	.00008	.2910	.47419
%RSD	133.11	71.79	32.749	6.1926	23.211
#1	-0.00239	-0.0001	-0.00025	4.3682	-2.5603
#2	-0.00108	-0.0009	-0.00016	4.9153	-1.9397
#3	.00036	-0.0009	-0.00031	4.8135	-1.6289
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.4	42149.	3754.8	18.456	3280.5
Stddev	7.3	44.	37.6	.564	14.3
%RSD	.19491	.10450	1.0011	3.0559	.43682
#1	3730.1	42117.	3741.8	18.292	3268.4
#2	3726.5	42131.	3725.5	19.083	3296.3
#3	3740.5	42199.	3797.2	17.992	3276.7

Sample Name: K1715-11 Acquired: 3/4/2019 19:54:21 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-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	.12063	-.03847	.94645	-.03387	-.01109	97.814	.93289	.01042
Stddev	.00092	.00079	.00189	.00183	.00235	.418	.00285	.00022
%RSD	.76314	2.0454	.20012	5.4096	21.214	.42742	.30539	2.0674
#1	.12084	-.03881	.94653	-.03503	-.01380	97.531	.93616	.01020
#2	.11962	-.03757	.94452	-.03483	-.00992	97.616	.93092	.01043
#3	.12143	-.03904	.94830	-.03176	-.00956	98.294	.93159	.01063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00437	29.818	.22654	.12234	.32170	180.55	3.0935	38.038
Stddev	.00005	.048	.00143	.00056	.00024	.20	.0083	.096
%RSD	1.1570	.16100	.63156	.45395	.07547	.11000	.26886	.25275
#1	-.00433	29.830	.22626	.12187	.32182	180.75	3.1016	38.146
#2	-.00443	29.765	.22527	.12295	.32186	180.35	3.0850	37.961
#3	-.00436	29.858	.22809	.12219	.32142	180.54	3.0940	38.008
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16129	.01470	4.0975	.33697	.49100	5.8376	.00212	.01423
Stddev	.00099	.00016	.0076	.00041	.00105	.0151	.00031	.00469
%RSD	.61238	1.0904	.18428	.12294	.21402	.25809	14.730	32.971
#1	.16109	.01487	4.0959	.33707	.49106	5.8207	.00215	.01748
#2	.16041	.01466	4.0909	.33733	.49202	5.8425	.00180	.00885
#3	.16236	.01456	4.1057	.33652	.48993	5.8496	.00242	.01634
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9287	2.6080	.03626	4.0052	.11357	5.110	-.09705	.69385
Stddev	.0164	.0077	.00067	.0165	.00296	.012	.00063	.22753
%RSD	.41657	.29722	1.8385	.41312	2.6072	.2306	.64428	32.793
#1	3.9101	2.6021	.03702	3.9861	.11017	5.122	-.09766	.56712
#2	3.9412	2.6168	.03579	4.0135	.11495	5.108	-.09641	.55790
#3	3.9346	2.6052	.03595	4.0159	.11559	5.099	-.09709	.95653

Sample Name: K1715-11 Acquired: 3/4/2019 19:54:21 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 562.31
 Stddev 5.24
 %RSD .93125

#1 559.03
 #2 568.35
 #3 559.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.9	46033.	4227.8	17.480	2927.4
Stddev	8.0	162.	7.7	.275	5.2
%RSD	.19671	.35197	.18116	1.5716	.17607

#1	4068.5	46029.	4223.2	17.497	2921.6
#2	4084.4	46198.	4236.6	17.198	2928.9
#3	4077.8	45874.	4223.5	17.747	2931.6

Sample Name: K1700-02 Acquired: 3/4/2019 19:58:41 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-21841-218 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.00034	-.00144	.00032	-.00243	.01907	.07805	.00008
Stddev	.00062	.00087	.00123	.00140	.00217	.00878	.00489	.00007
%RSD	39.267	255.41	85.140	435.25	89.186	46.056	6.2682	86.398
#1	-.00101	.00061	-.00062	-.00123	-.00094	.02270	.07241	.00000
#2	-.00150	-.00051	-.00086	.00072	-.00492	.00905	.08116	.00014
#3	-.00224	-.00112	-.00285	.00148	-.00144	.02545	.08057	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	9.7115	.00078	.00190	-.00037	4.8534	.14971	1.0497
Stddev	.00008	.0613	.00022	.00025	.00043	.0094	.00088	.0756
%RSD	13.925	.63101	27.719	13.340	116.02	.19264	.58464	7.2019
#1	-.00048	9.6520	.00077	.00205	.00012	4.8427	.14888	1.0568
#2	-.00063	9.7744	.00056	.00161	-.00053	4.8580	.14962	1.1215
#3	-.00059	9.7081	.00099	.00204	-.00069	4.8596	.15062	.97083
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	.00118	62.180	-.00001	.02596	3.6878	.00248	.13130
Stddev	.00009	.00043	.147	.00010	.00008	.0338	.00011	.00923
%RSD	3.0186	36.132	.23679	863.33	.30773	.91762	4.4208	7.0303
#1	.00284	.00102	62.184	-.00009	.02587	3.6508	.00248	.13867
#2	.00288	.00085	62.325	-.00005	.02599	3.6951	.00259	.12095
#3	.00301	.00166	62.031	.00011	.02601	3.7173	.00237	.13428
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47069	.45387	-.00055	.00117	.00951	.0083	.04004	5.6461
Stddev	.00227	.00423	.00042	.00102	.00043	.0009	.00059	.1993
%RSD	.48188	.93160	75.901	86.991	4.5250	10.40	1.4744	3.5303
#1	.47319	.45722	-.00024	.00144	.00942	.0091	.03939	5.8551
#2	.47010	.45528	-.00103	.00004	.00998	.0083	.04054	5.6248
#3	.46877	.44912	-.00039	.00202	.00914	.0074	.04018	5.4582

Sample Name: K1700-02 Acquired: 3/4/2019 19:58:41 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-21841-218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.5986
 Stddev 1.0406
 %RSD 12.102

#1 9.7999
 #2 8.0163
 #3 7.9795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.2	40679.	3718.6	18.660	3049.4
Stddev	8.9	157.	22.0	1.417	1.9
%RSD	.24864	.38656	.59202	7.5957	.06306

#1	3587.3	40530.	3703.3	19.477	3047.2
#2	3599.6	40663.	3708.7	19.480	3050.7
#3	3604.7	40844.	3743.8	17.024	3050.2

Sample Name: K1715-14 Acquired: 3/4/2019 20:03:08 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00396	-.00227	.00242	.00055	-.00222	.03147	.13208
Stddev	.00142	.00079	.00086	.00127	.00234	.01334	.00296
%RSD	35.820	34.849	35.730	233.33	105.24	42.379	2.2376

#1	-.00559	-.00161	.00342	.00198	.00048	.04170	.13141
#2	-.00308	-.00315	.00198	-.00046	-.00348	.01639	.13531
#3	-.00319	-.00205	.00186	.00012	-.00366	.03633	.12952

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00053	39.723	.00158	.00030	.00029	.00537
Stddev	.00010	.00002	.855	.00034	.00004	.00124	.00120
%RSD	119.74	4.6134	2.1528	21.342	11.843	425.02	22.412

#1	.00011	-.00053	39.892	.00120	.00028	.00034	.00431
#2	-.00003	-.00051	40.481	.00173	.00034	-.00097	.00668
#3	.00017	-.00056	38.796	.00182	.00028	.00151	.00514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20737	12.544	.00047	.00015	38.818	.00053	.03012
Stddev	.00082	.349	.00070	.00042	.918	.00016	.00010
%RSD	.39696	2.7852	147.76	281.91	2.3637	30.553	.34096

#1	.20814	12.530	.00069	.00006	39.149	.00071	.03012
#2	.20749	12.900	-.00031	-.00022	39.523	.00050	.03002
#3	.20650	12.202	.00104	.00061	37.780	.00039	.03023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83857	.00037	.01282	2.2346	2.1490	-.00225	.00012
Stddev	.03766	.00009	.01146	.0174	.0528	.00070	.00153
%RSD	4.4909	25.244	89.439	.77724	2.4561	30.944	1261.4

#1	.87094	.00036	.00115	2.2244	2.1809	-.00161	-.00098
#2	.84755	.00047	.01323	2.2547	2.1779	-.00299	-.00052
#3	.79724	.00029	.02406	2.2248	2.0880	-.00214	.00186

Sample Name: K1715-14 Acquired: 3/4/2019 20:03:08 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	.0068	.10733	5.3486	F<.00000
Stddev	.00183	.0007	.00213	.1858	.35398
%RSD	247.29	9.669	1.9814	3.4734	15.128

#1	-.00110	.0069	.10710	5.3361	-2.4345
#2	-.00237	.0061	.10956	5.1694	-1.9483
#3	.00124	.0074	.10532	5.5403	-2.6371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.9	40728.	3775.9	17.841	3054.5
Stddev	30.3	65.	82.6	.732	17.1
%RSD	.84680	.15840	2.1863	4.1050	.55889

#1	3572.9	40661.	3720.1	17.053	3035.8
#2	3557.1	40733.	3737.0	17.971	3058.4
#3	3615.7	40790.	3870.7	18.500	3069.2

Sample Name: K1715-14DUP Acquired: 3/4/2019 20:07:33 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00143	.00194	.00312	-.00188	.03246	.13557
Stddev	.00195	.00047	.00123	.00275	.00315	.02229	.00048
%RSD	69.858	33.166	63.712	88.116	167.47	68.694	.35432

#1	-.00094	-.00096	.00092	.00044	-.00546	.04749	.13514
#2	-.00259	-.00141	.00159	.00593	-.00070	.00684	.13547
#3	-.00482	-.00191	.00331	.00299	.00050	.04303	.13609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00043	39.255	.00154	.00024	-.00028	.00529
Stddev	.00001	.00013	.354	.00030	.00018	.00074	.00106
%RSD	27.192	30.165	.90110	19.708	72.953	262.47	20.004

#1	.00004	-.00051	38.867	.00189	.00004	.00001	.00456
#2	.00002	-.00028	39.338	.00134	.00032	.00027	.00650
#3	.00004	-.00050	39.560	.00139	.00036	-.00112	.00480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20016	12.397	.00063	.00026	37.909	.00019	.02925
Stddev	.00084	.080	.00068	.00074	.233	.00019	.00012
%RSD	.41902	.64225	107.56	285.22	.61533	96.949	.41413

#1	.19922	12.351	.00131	.00023	37.731	.00013	.02938
#2	.20084	12.350	-.00005	.00101	37.823	.00005	.02914
#3	.20043	12.488	.00064	-.00046	38.173	.00040	.02925

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83010	.00078	.01716	2.1654	2.0926	-.00043	-.00182
Stddev	.01986	.00016	.00624	.0248	.0195	.00077	.00087
%RSD	2.3928	19.967	36.363	1.1456	.93106	177.26	47.646

#1	.84982	.00070	.01106	2.1873	2.0840	.00001	-.00160
#2	.83038	.00096	.01689	2.1384	2.0790	-.00132	-.00277
#3	.81010	.00068	.02353	2.1704	2.1150	.00001	-.00108

Sample Name: K1715-14DUP Acquired: 3/4/2019 20:07:33 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-BDUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.0058	.10632	5.5159	F<.00000
Stddev	.00194	.0015	.00103	.2746	1.1692
%RSD	1142.5	25.68	.97001	4.9777	48.710

#1	-.00157	.0065	.10518	5.8316	-3.2848
#2	-.00098	.0041	.10718	5.3326	-2.8415
#3	.00204	.0069	.10661	5.3836	-1.0747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.0	40789.	3736.6	18.812	3055.0
Stddev	31.9	106.	30.4	1.807	21.8
%RSD	.88903	.25929	.81485	9.6066	.71437

#1	3568.5	40693.	3731.3	20.837	3029.9
#2	3562.9	40772.	3769.4	17.365	3066.9
#3	3620.7	40902.	3709.2	18.234	3068.4

Sample Name: K1715-14LX5 Acquired: 3/4/2019 20:11:59 Type: Unk
Method: P4-ICP2(v2905) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	-.00155	.00041	-.00118	.00031	.01237	.02211
Stddev	.00242	.00046	.00159	.00134	.00040	.01575	.00011
%RSD	220.32	29.670	391.33	113.96	127.74	127.35	.51058

#1	-.00030	-.00202	-.00064	-.00258	.00006	-.00169	.02198
#2	.00082	-.00110	-.00037	.00011	.00077	.02939	.02216
#3	-.00381	-.00154	.00223	-.00107	.00010	.00941	.02219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00030	8.4020	.00046	-.00011	.00041	.00055
Stddev	.00003	.00008	.0594	.00030	.00026	.00066	.00119
%RSD	23.500	27.722	.70691	64.125	233.88	159.68	217.75

#1	.00014	-.00038	8.3541	.00049	-.00029	.00106	.00108
#2	.00009	-.00030	8.3834	.00075	-.00023	-.00026	-.00082
#3	.00011	-.00021	8.4684	.00016	.00019	.00044	.00138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04351	2.7246	-.00003	.00070	8.0432	-.00023	.00622
Stddev	.00026	.0959	.00038	.00055	.0760	.00019	.00016
%RSD	.60276	3.5184	1441.7	78.075	.94494	81.790	2.6260

#1	.04322	2.6459	.00039	.00029	8.0909	-.00038	.00634
#2	.04357	2.6964	-.00036	.00133	7.9555	-.00002	.00627
#3	.04374	2.8313	-.00011	.00049	8.0831	-.00030	.00603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27184	.00029	-.00284	.45191	.47650	-.00155	.00030
Stddev	.01060	.00041	.00895	.00585	.00507	.00076	.00120
%RSD	3.8997	144.86	315.02	1.2949	1.0648	48.841	408.03

#1	.26751	-.00019	.00654	.45145	.47411	-.00210	-.00105
#2	.26409	.00049	-.00378	.44630	.47306	-.00186	.00068
#3	.28393	.00056	-.01129	.45797	.48233	-.00069	.00126

Sample Name: K1715-14LX5 Acquired: 3/4/2019 20:11:59 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	.0028	.02254	4.4537	F<.00000
Stddev	.00130	.0010	.00029	.2493	.34859
%RSD	40.932	34.95	1.2809	5.5974	27.220
#1	-.00447	.0034	.02257	4.4819	-1.6662
#2	-.00187	.0034	.02224	4.6877	-1.1878
#3	-.00319	.0017	.02282	4.1915	-.98783
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.1	42168.	3766.7	19.497	3235.7
Stddev	21.4	124.	14.1	.155	6.4
%RSD	.57277	.29373	.37317	.79731	.19879
#1	3715.5	42053.	3754.2	19.475	3228.3
#2	3716.0	42152.	3764.0	19.662	3239.9
#3	3752.7	42299.	3781.9	19.353	3238.8

Sample Name: K1715-14MS Acquired: 3/4/2019 20:16:26 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-BMS 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	.85532	2.1614	1.0730	2.1461	.93201	2.2270	.29517	.21635	.20625
Stddev	.00640	.0047	.0031	.0157	.00643	.0372	.00430	.00128	.00023
%RSD	.74808	.21940	.29163	.72978	.69017	1.6728	1.4565	.59091	.11005

#1	.84800	2.1651	1.0734	2.1297	.92779	2.1916	.29321	.21656	.20648
#2	.85813	2.1631	1.0697	2.1478	.92883	2.2236	.29219	.21498	.20622
#3	.85984	2.1561	1.0760	2.1609	.93941	2.2659	.30009	.21751	.20603

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.313	.46780	.22085	.30279	3.2892	.35753	10.382	.47356	.07255
Stddev	.346	.00174	.00011	.00187	.0231	.00173	.152	.00078	.00099
%RSD	1.2676	.37111	.04758	.61768	.70150	.48448	1.4643	.16495	1.3602

#1	26.930	.46662	.22073	.30093	3.2628	.35708	10.250	.47429	.07366
#2	27.404	.46698	.22092	.30278	3.2995	.35607	10.347	.47366	.07223
#3	27.604	.46979	.22091	.30467	3.3053	.35945	10.548	.47274	.07176

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	28.372	.32542	.21742	10.662	.48023	.29972	1.4115	2.4105	.74687
Stddev	.185	.00159	.00024	.099	.00370	.01044	.0319	.0269	.00086
%RSD	.65042	.48802	.11037	.93157	.76976	3.4837	2.2638	1.1170	.11510

#1	28.159	.32400	.21729	10.556	.47634	.29318	1.3926	2.3945	.74733
#2	28.472	.32513	.21727	10.676	.48068	.29423	1.4484	2.4416	.74588
#3	28.485	.32713	.21770	10.754	.48369	.31177	1.3936	2.3954	.74740

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21904	.22143	6.190	.25422	5.6172	14.555
Stddev	.00205	.00040	.012	.00188	.1559	.858
%RSD	.93761	.18062	.1901	.73907	2.7760	5.8983

#1	.21691	.22097	6.203	.25207	5.4810	14.338
#2	.22101	.22169	6.180	.25505	5.5833	15.501
#3	.21920	.22163	6.186	.25555	5.7873	13.826

Sample Name: K1715-14MS Acquired: 3/4/2019 20:16:26 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-BMS 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	3610.4	41213.	3696.7	17.791	3069.0
Stddev	14.3	59.	19.5	.683	20.5
%RSD	.39550	.14296	.52745	3.8394	.66765
#1	3624.9	41208.	3718.2	17.797	3054.4
#2	3596.3	41274.	3680.0	18.471	3060.1
#3	3610.0	41156.	3692.0	17.104	3092.4

Sample Name: K1715-14MSD Acquired: 3/4/2019 20:20:32 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-BMSD 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	.85581	2.1674	1.0790	2.1406	.92545	2.2491	.30094	.21747	.20694
Stddev	.00663	.0118	.0054	.0150	.00618	.0304	.00678	.00084	.00131
%RSD	.77443	.54263	.49876	.70184	.66734	1.3517	2.2541	.38761	.63076

#1	.86317	2.1803	1.0848	2.1523	.92742	2.2177	.29547	.21682	.20844
#2	.85030	2.1649	1.0741	2.1237	.91853	2.2511	.29882	.21717	.20630
#3	.85398	2.1572	1.0780	2.1459	.93040	2.2784	.30853	.21842	.20608

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.506	.46964	.22162	.30201	3.3134	.35855	10.350	.47416	.07321
Stddev	.398	.00206	.00106	.00099	.0347	.00100	.089	.00273	.00083
%RSD	1.4487	.43800	.47923	.32632	1.0474	.27802	.85591	.57666	1.1395

#1	27.076	.46863	.22281	.30309	3.2806	.35747	10.272	.47730	.07301
#2	27.580	.46827	.22078	.30116	3.3497	.35943	10.330	.47291	.07250
#3	27.862	.47200	.22126	.30177	3.3099	.35874	10.446	.47228	.07413

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	28.430	.32655	.21705	10.683	.47707	.32056	1.4407	2.4153	.74590
Stddev	.262	.00271	.00112	.109	.00232	.00574	.0084	.0141	.00110
%RSD	.92055	.82959	.51785	1.0161	.48648	1.7921	.58247	.58171	.14732

#1	28.330	.32384	.21791	10.563	.47924	.31415	1.4501	2.4037	.74715
#2	28.727	.32926	.21578	10.775	.47462	.32230	1.4340	2.4309	.74508
#3	28.233	.32654	.21746	10.710	.47735	.32524	1.4379	2.4113	.74547

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21665	.22216	6.215	.25666	5.7275	14.328
Stddev	.00105	.00343	.041	.00278	.0819	.931
%RSD	.48613	1.5444	.6526	1.0837	1.4295	6.5008

#1	.21576	.21835	6.262	.25346	5.6594	15.012
#2	.21639	.22314	6.189	.25803	5.7046	14.704
#3	.21781	.22500	6.194	.25850	5.8183	13.267

Sample Name: K1715-14MSD Acquired: 3/4/2019 20:20:32 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-BMSD 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	3626.2	41274.	3704.4	17.498	3064.1
Stddev	21.5	83.	26.8	1.019	21.3
%RSD	.59180	.20070	.72283	5.8237	.69524
#1	3603.8	41187.	3708.7	16.451	3039.5
#2	3646.5	41352.	3675.7	17.557	3076.5
#3	3628.4	41281.	3728.8	18.486	3076.3

Sample Name: K1715-14A Acquired: 3/4/2019 20:24:40 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85291	2.1694	1.0775	2.1301	.91076	2.2396	.30254	.21787	.20687
Stddev	.00281	.0013	.0004	.0122	.00760	.0132	.00695	.00015	.00068
%RSD	.32943	.06002	.03787	.57171	.83467	.58709	2.2985	.07020	.32876
#1	.85588	2.1705	1.0779	2.1442	.91818	2.2368	.29451	.21790	.20760
#2	.85029	2.1680	1.0776	2.1225	.91112	2.2281	.30637	.21770	.20626
#3	.85258	2.1699	1.0771	2.1237	.90299	2.2540	.30673	.21800	.20674
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.059	.46992	.22136	.30253	3.3333	.36117	10.622	.47584	.07359
Stddev	.347	.00191	.00066	.00319	.0159	.00078	.215	.00069	.00026
%RSD	1.2371	.40556	.29675	1.0553	.47824	.21536	2.0258	.14546	.35557
#1	27.670	.47203	.22075	.30595	3.3161	.36058	10.385	.47535	.07389
#2	28.173	.46834	.22127	.30200	3.3475	.36089	10.806	.47663	.07347
#3	28.335	.46938	.22205	.29963	3.3364	.36205	10.675	.47554	.07342
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	29.036	.32847	.21651	10.759	.47117	.31366	1.4423	2.4422	.73393
Stddev	.461	.00110	.00017	.110	.00114	.00643	.0057	.0189	.00240
%RSD	1.5870	.33541	.07697	1.0184	.24117	2.0504	.39626	.77259	.32711
#1	28.524	.32820	.21647	10.634	.47191	.30670	1.4382	2.4256	.73191
#2	29.417	.32752	.21636	10.806	.47173	.31489	1.4398	2.4627	.73658
#3	29.168	.32968	.21669	10.838	.46986	.31939	1.4488	2.4382	.73330
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21476	.22557	6.220	.25848	5.5197	14.338			
Stddev	.00472	.00242	.005	.00232	.1390	.700			
%RSD	2.1967	1.0708	.0790	.89607	2.5185	4.8799			
#1	.20933	.22580	6.219	.25635	5.6766	14.861			
#2	.21783	.22305	6.216	.25813	5.4707	13.543			
#3	.21712	.22787	6.226	.26095	5.4118	14.610			

Sample Name: K1715-14A Acquired: 3/4/2019 20:24:40 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.8	41406.	3688.1	17.051	3086.8
Stddev	29.0	123.	20.2	1.761	10.2
%RSD	.79436	.29803	.54672	10.327	.33170
#1	3618.4	41300.	3701.7	19.081	3081.2
#2	3645.6	41377.	3665.0	16.131	3080.6
#3	3676.3	41542.	3697.7	15.941	3098.6

Sample Name: K1688-02 Acquired: 3/4/2019 20:28:47 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	-.00084	.01060	.00271	-.00194	.15990	.12736	.00036
Stddev	.00365	.00305	.00055	.00186	.00261	.01966	.00435	.00011
%RSD	141.06	363.19	5.2047	68.371	134.32	12.293	3.4181	29.176

#1	-.00541	.00263	.01083	.00471	-.00289	.13831	.13034	.00039
#2	-.00390	-.00312	.00997	.00239	-.00394	.17676	.12938	.00045
#3	.00154	-.00203	.01100	.00104	.00101	.16464	.12237	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	34.532	.00129	.00428	.00155	1.5882	.54711	1.7113
Stddev	.00012	.147	.00036	.00014	.00084	.0151	.00047	.0024
%RSD	28.600	.42691	28.170	3.3786	54.370	.95182	.08502	.14268

#1	-.00037	34.394	.00169	.00412	.00179	1.6004	.54759	1.7089
#2	-.00035	34.516	.00096	.00435	.00224	1.5928	.54707	1.7138
#3	-.00057	34.687	.00123	.00438	.00061	1.5713	.54666	1.7112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	.00020	293.12	-.00014	.05265	1.8639	.00049	.00936
Stddev	.00144	.00084	3.16	.00013	.00030	.0287	.00010	.00457
%RSD	32.879	420.62	1.0791	88.190	.57179	1.5416	20.559	48.802

#1	.00605	.00095	289.76	-.00008	.05278	1.8415	.00060	.01457
#2	.00362	.00036	293.58	-.00006	.05286	1.8538	.00042	.00603
#3	.00349	-.00070	296.03	-.00029	.05231	1.8963	.00043	.00748

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68610	1.9987	.00504	.00091	.00233	.0051	.12552	6.2567
Stddev	.00999	.0206	.00047	.00059	.00089	.0017	.00015	.1815
%RSD	1.4563	1.0320	9.2985	64.528	38.071	32.63	.11694	2.9008

#1	.67675	2.0110	.00502	.00109	.00291	.0058	.12536	6.0608
#2	.68492	2.0102	.00459	.00139	.00131	.0063	.12556	6.2902
#3	.69663	1.9749	.00552	.00025	.00278	.0032	.12565	6.4191

Sample Name: K1688-02 Acquired: 3/4/2019 20:28:47 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.67550
%RSD	141.31

#1	.29787
#2	-.93508
#3	-.79689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.5	39651.	3788.4	18.436	2876.4
Stddev	15.6	100.	4.6	.988	5.8
%RSD	.43675	.25179	.12211	5.3590	.20235

#1	3565.3	39536.	3791.8	18.400	2870.0
#2	3588.0	39699.	3783.1	17.467	2881.2
#3	3558.1	39717.	3790.2	19.442	2878.1

Sample Name: K1688-02DUP Acquired: 3/4/2019 20:33:21 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.00191	.01127	.00221	-.00030	.16384	.13213
Stddev	.00519	.00135	.00076	.00301	.00175	.01816	.00773
%RSD	359.82	70.730	6.7096	136.19	587.45	11.083	5.8521

#1	-.00743	-.00138	.01040	-.00120	.00162	.16008	.12495
#2	.00176	-.00091	.01179	.00448	-.00068	.14786	.13111
#3	.00134	-.00345	.01161	.00334	-.00183	.18358	.14031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00046	35.635	.00110	.00438	.00230	1.6255
Stddev	.00006	.00012	1.095	.00044	.00041	.00025	.0231
%RSD	15.463	25.198	3.0732	39.979	9.3314	10.734	1.4198

#1	.00035	-.00059	34.880	.00109	.00442	.00202	1.6114
#2	.00042	-.00045	35.133	.00067	.00477	.00250	1.6130
#3	.00031	-.00036	36.891	.00155	.00396	.00237	1.6521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54956	1.7184	.00460	.00077	302.09	-.00033	.05328
Stddev	.00022	.0289	.00041	.00030	4.77	.00064	.00018
%RSD	.04015	1.6787	9.0198	38.831	1.5794	192.85	.33710

#1	.54979	1.7369	.00435	.00073	299.63	-.00059	.05307
#2	.54936	1.6852	.00437	.00109	299.06	.00039	.05336
#3	.54952	1.7331	.00508	.00050	307.59	-.00080	.05340

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9412	.00041	.00911	.68140	2.0323	.00499	-.00113
Stddev	.0434	.00040	.00933	.01657	.0250	.00045	.00425
%RSD	2.2336	97.866	102.42	2.4313	1.2276	8.9764	375.90

#1	1.9151	.00003	.01891	.66788	2.0206	.00474	.00189
#2	1.9173	.00082	.00807	.67644	2.0153	.00550	.00071
#3	1.9913	.00037	.00034	.69988	2.0609	.00472	-.00599

Sample Name: K1688-02DUP Acquired: 3/4/2019 20:33:21 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00514	.0047	.12912	6.3090	F<.00000
Stddev	.00169	.0008	.00350	.1725	.35532
%RSD	32.894	17.76	2.7109	2.7335	22.606
#1	.00387	.0040	.12685	6.4336	-1.5779
#2	.00450	.0056	.12736	6.1122	-1.2135
#3	.00706	.0045	.13315	6.3814	-1.9240
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.4	39628.	3696.0	19.067	2869.0
Stddev	8.6	151.	64.1	.643	8.0
%RSD	.24124	.38098	1.7338	3.3745	.27915
#1	3561.6	39459.	3730.6	19.475	2861.2
#2	3570.8	39749.	3735.4	18.325	2868.6
#3	3578.8	39676.	3622.1	19.400	2877.2

Sample Name: CCV10 Acquired: 3/4/2019 20:37:55 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117587BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8382	5.0095	5.0378	4.8877	4.9090	9.7089	9.9637	.24680
Stddev	.0281	.0142	.0071	.0298	.0201	.0807	.1679	.00030
%RSD	.58053	.28416	.14101	.60978	.40894	.83129	1.6846	.12142
#1	4.8353	5.0144	5.0427	4.8803	4.9082	9.7847	9.7714	.24714
#2	4.8677	5.0207	5.0411	4.9205	4.9294	9.6241	10.081	.24667
#3	4.8117	4.9935	5.0297	4.8622	4.8893	9.7180	10.039	.24658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4307	25.628	1.0094	2.5016	F 1.3962	5.3979	2.4579	24.528
Stddev	.0037	.195	.0045	.0054	.0109	.0944	.0018	.241
%RSD	.15256	.76009	.44568	.21764	.78362	1.7484	.07155	.98262
#1	2.4332	25.404	1.0045	2.5033	1.3915	5.2893	2.4583	24.251
#2	2.4325	25.720	1.0102	2.5060	1.4087	5.4594	2.4560	24.645
#3	2.4264	25.759	1.0134	2.4955	1.3883	5.4451	2.4595	24.689
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.8754	F 1.3990	24.370	2.3621	2.5230	24.569	4.9266	F 4.3627
Stddev	.0121	.0081	.350	.0033	.0099	.342	.0256	.0316
%RSD	.41899	.57897	1.4371	.13931	.39075	1.3933	.51992	.72491
#1	2.8804	1.3904	24.004	2.3630	2.5281	24.207	4.9180	4.3274
#2	2.8841	1.4000	24.703	2.3648	2.5292	24.888	4.9553	4.3723
#3	2.8617	1.4065	24.402	2.3584	2.5116	24.612	4.9063	4.3884
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7073	4.7823	4.8725	4.6624	F 4.4996	4.914	F 4.0764	F 5.7626
Stddev	.0264	.0818	.0130	.0301	.0714	.020	.0759	.0076
%RSD	.56042	1.7098	.26748	.64543	1.5868	.3966	1.8623	.13155
#1	4.6908	4.6899	4.8785	4.6285	4.4192	4.901	3.9926	5.7593
#2	4.7377	4.8453	4.8814	4.6726	4.5555	4.936	4.1406	5.7713
#3	4.6934	4.8118	4.8575	4.6860	4.5242	4.904	4.0959	5.7572

Sample Name: CCV10 Acquired: 3/4/2019 20:37:55 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117587BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7511
Stddev .6053
%RSD 16.137

#1 4.3194
#2 3.8193
#3 3.1146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3693.2	41270.	3757.8	17.354	2944.3
Stddev	19.2	15.	49.2	.932	8.2
%RSD	.51995	.03707	1.3084	5.3728	.27874

#1	3691.9	41265.	3811.9	17.587	2937.9
#2	3674.7	41287.	3715.9	16.327	2941.6
#3	3713.0	41257.	3745.7	18.148	2953.6

Sample Name: CCB10 Acquired: 3/4/2019 20:41:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117587BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	.00010	.00020	-.00081	-.00014	-.00496	-.01603
Stddev	.00325	.00210	.00081	.00103	.00125	.00922	.00396
%RSD	720.77	2166.5	408.91	127.21	911.66	186.03	24.679

#1	.00262	.00182	.00049	-.00154	-.00140	.00566	-.02012
#2	-.00013	.00071	.00083	-.00127	.00110	-.00960	-.01222
#3	-.00385	-.00224	-.00072	.00037	-.00011	-.01093	-.01574

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00025	-.02174	.00059	-.00009	.00073	.00137
Stddev	.00007	.00005	.01594	.00044	.00014	.00095	.00118
%RSD	63.883	19.485	73.329	75.423	150.20	129.41	86.047

#1	.00016	-.00020	-.00667	.00060	-.00010	.00179	.00272
#2	.00016	-.00025	-.02012	.00014	-.00022	.00043	.00049
#3	.00003	-.00029	-.03844	.00102	.00005	-.00003	.00091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00927	-.00085	.00088	-.00545	.00016	-.00016
Stddev	.00004	.04398	.00024	.00007	.01620	.00051	.00006
%RSD	203.71	474.68	28.505	7.8261	297.37	307.63	37.161

#1	.00005	.05388	-.00113	.00088	-.01585	.00028	-.00012
#2	.00003	.00797	-.00073	.00081	.01322	.00060	-.00023
#3	-.00002	-.03405	-.00070	.00095	-.01371	-.00039	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12318	.00026	-.00107	F -.02233	.00394	-.00140	-.00114
Stddev	.03435	.00043	.00519	.00688	.00189	.00020	.00217
%RSD	27.884	164.44	483.96	30.789	48.069	14.438	191.21

#1	.09880	.00076	-.00375	-.02920	.00332	-.00116	-.00116
#2	.16246	.00004	-.00437	-.02235	.00243	-.00153	-.00330
#3	.10827	-.00002	.00491	-.01545	.00606	-.00149	.00105

Sample Name: CCB10 Acquired: 3/4/2019 20:41:54 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117587BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.0010	-.00032	F 4.3873	F<.00000
Stddev	.00393	.0007	.00004	.1949	1.0438
%RSD	540.79	63.15	11.512	4.4421	192.06
#1	-.00083	-.0015	-.00035	4.6004	-1.6142
#2	-.00460	-.0003	-.00034	4.3435	.47114
#3	.00325	-.0013	-.00028	4.2181	-.48735
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3785.5	42739.	3757.0	17.475	3315.7
Stddev	3.6	517.	37.3	1.313	4.4
%RSD	.09591	1.2100	.99361	7.5163	.13308
#1	3781.7	42294.	3743.4	18.967	3310.7
#2	3788.9	42617.	3728.5	16.492	3317.5
#3	3785.8	43306.	3799.3	16.967	3319.0

Sample Name: K1688-02LX5 Acquired: 3/4/2019 20:46:23 Type: Unk
Method: P4-ICP2(v2905) 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	-.00006	.00048	.00180	-.00032	-.00225	.03013	.01435
Stddev	.00129	.00169	.00107	.00357	.00015	.00996	.00462
%RSD	2032.8	353.55	59.351	1097.6	6.8769	33.053	32.208

#1	-.00032	-.00105	.00284	.00377	-.00223	.02669	.01242
#2	.00133	.00230	.00184	-.00196	-.00242	.02234	.01101
#3	-.00120	.00019	.00071	-.00278	-.00211	.04135	.01963

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00034	7.2358	.00026	.00066	.00050	.35101
Stddev	.00005	.00007	.0315	.00050	.00010	.00041	.00622
%RSD	45.861	19.850	.43563	196.09	15.312	82.481	1.7722

#1	.00006	-.00032	7.2226	-.00028	.00076	.00070	.35506
#2	.00015	-.00029	7.2131	.00072	.00067	.00003	.34385
#3	.00010	-.00042	7.2718	.00033	.00056	.00078	.35413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11650	.33935	.00056	.00060	61.526	.00003	.01099
Stddev	.00066	.05350	.00010	.00055	.880	.00032	.00010
%RSD	.56611	15.766	17.196	92.588	1.4309	1282.6	.88403

#1	.11715	.38364	.00052	-.00004	61.299	-.00005	.01096
#2	.11583	.35450	.00048	.00089	60.781	.00038	.01110
#3	.11651	.27990	.00067	.00094	62.498	-.00025	.01092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45840	-.00027	.00511	.12712	.44336	.00002	-.00053
Stddev	.02294	.00007	.00751	.00740	.00188	.00059	.00342
%RSD	5.0043	25.497	147.03	5.8228	.42514	3277.4	648.20

#1	.46931	-.00034	.00644	.13493	.44507	.00070	-.00163
#2	.43204	-.00022	.01186	.12022	.44134	-.00028	.00330
#3	.47385	-.00024	-.00298	.12620	.44368	-.00036	-.00326

Sample Name: K1688-02LX5 Acquired: 3/4/2019 20:46:23 Type: Unk
 Method: P4-ICP2(v2905) 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	-.00179	.0001	.02583	4.9743	F<.00000
Stddev	.00307	.0012	.00012	.3306	.83917
%RSD	171.48	824.0	.44582	6.6462	33.100
#1	.00074	-.0004	.02569	4.6240	-2.3254
#2	-.00091	-.0007	.02590	5.2808	-3.4594
#3	-.00521	.0015	.02589	5.0181	-1.8209
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.9	41423.	3754.3	18.517	3100.6
Stddev	14.2	13.	42.9	.566	12.3
%RSD	.38450	.03147	1.1424	3.0555	.39509
#1	3713.2	41409.	3734.4	18.520	3097.0
#2	3687.0	41425.	3803.5	19.081	3114.2
#3	3690.6	41435.	3724.9	17.950	3090.5

Sample Name: K1688-02MS Acquired: 3/4/2019 20:50:51 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 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	.86843	2.1305	1.1020	2.2261	.87621	2.4585	.34786	.22793	.21705
Stddev	.00406	.0117	.0010	.0035	.00507	.0155	.00459	.00038	.00014
%RSD	.46798	.54979	.08621	.15698	.57809	.62979	1.3187	.16587	.06536
#1	.87253	2.1225	1.1010	2.2300	.88170	2.4445	.34257	.22792	.21693
#2	.86835	2.1250	1.1022	2.2233	.87523	2.4751	.35043	.22755	.21720
#3	.86440	2.1439	1.1029	2.2251	.87171	2.4558	.35060	.22831	.21701
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.213	.46655	.23098	.29725	4.7779	.80113	3.9364	.49558	.07608
Stddev	.289	.00109	.00077	.00065	.0132	.00092	.0632	.00097	.00029
%RSD	.75648	.23266	.33178	.21892	.27662	.11429	1.6044	.19667	.38566
#1	37.903	.46569	.23100	.29789	4.7648	.80172	3.9258	.49641	.07635
#2	38.262	.46619	.23020	.29728	4.7777	.80007	3.8792	.49451	.07577
#3	38.474	.46777	.23174	.29659	4.7912	.80159	4.0042	.49581	.07613
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	316.94	.33046	.26840	12.090	.44316	.28889	.72336	3.0309	.72947
Stddev	4.04	.00360	.00014	.052	.00066	.01265	.01735	.0211	.00154
%RSD	1.2760	1.0905	.05300	.43255	.14906	4.3778	2.3986	.69685	.21086
#1	312.48	.32867	.26824	12.034	.44385	.28009	.71289	3.0172	.72802
#2	320.37	.33461	.26851	12.137	.44311	.28320	.74339	3.0552	.72930
#3	317.96	.32810	.26845	12.099	.44253	.30338	.71381	3.0202	.73108
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20669	.22309	6.785	.31658	6.8180	14.965			
Stddev	.00170	.00387	.008	.00288	.2289	1.340			
%RSD	.82053	1.7338	.1168	.90925	3.3572	8.9561			
#1	.20484	.21862	6.782	.31695	6.9665	13.834			
#2	.20707	.22531	6.779	.31354	6.5544	14.615			
#3	.20817	.22534	6.794	.31926	6.9331	16.445			

Sample Name: K1688-02MS Acquired: 3/4/2019 20:50:51 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 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	3551.2	39225.	3698.0	18.228	2823.4
Stddev	12.6	21.	8.5	.078	5.5
%RSD	.35583	.05444	.22857	.42868	.19309
#1	3545.5	39215.	3692.5	18.183	2821.6
#2	3542.3	39211.	3693.7	18.319	2819.1
#3	3565.6	39250.	3707.7	18.183	2829.5

Sample Name: K1688-02MSD Acquired: 3/4/2019 20:55:08 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 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	.87047	2.1384	1.1087	2.2406	.87744	2.5127	.34790	.22797	.21796
Stddev	.00738	.0017	.0040	.0142	.00245	.0164	.00116	.00088	.00011
%RSD	.84760	.07899	.36229	.63422	.27892	.65326	.33374	.38548	.05092
#1	.87891	2.1365	1.1118	2.2568	.87803	2.4997	.34699	.22695	.21804
#2	.86725	2.1389	1.1102	2.2346	.87954	2.5073	.34921	.22851	.21801
#3	.86524	2.1397	1.1042	2.2304	.87475	2.5311	.34752	.22844	.21783
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.190	.47050	.23164	.29671	4.7935	.80341	3.9314	.49626	.07642
Stddev	.243	.00269	.00058	.00087	.0306	.00254	.0759	.00305	.00048
%RSD	.63631	.57268	.24856	.29369	.63921	.31600	1.9306	.61467	.62575
#1	37.917	.47046	.23208	.29770	4.8124	.80241	3.8973	.49948	.07636
#2	38.381	.47322	.23186	.29640	4.7582	.80630	3.8784	.49341	.07597
#3	38.273	.46783	.23099	.29604	4.8100	.80153	4.0183	.49591	.07692
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	311.23	.33009	.26990	12.171	.44508	.30280	.72224	3.0295	.73272
Stddev	.74	.00091	.00030	.037	.00081	.00654	.00734	.0094	.00420
%RSD	.23753	.27655	.11260	.30322	.18150	2.1612	1.0167	.30911	.57365
#1	310.88	.32940	.26967	12.177	.44418	.30398	.72485	3.0213	.73520
#2	312.08	.32975	.27024	12.132	.44572	.30867	.72793	3.0397	.73510
#3	310.74	.33113	.26979	12.205	.44535	.29574	.71395	3.0274	.72787
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20505	.22817	6.801	.31688	7.0321	15.651			
Stddev	.00391	.00086	.021	.00293	.3070	.645			
%RSD	1.9088	.37505	.3137	.92388	4.3651	4.1202			
#1	.20059	.22779	6.809	.31823	7.3460	15.397			
#2	.20787	.22915	6.817	.31352	6.7326	16.385			
#3	.20670	.22757	6.776	.31889	7.0176	15.173			

Sample Name: K1688-02MSD Acquired: 3/4/2019 20:55:08 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 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	3552.2	39241.	3718.3	17.779	2821.2
Stddev	10.0	173.	28.7	.326	11.0
%RSD	.28177	.44032	.77196	1.8313	.39028
#1	3559.5	39063.	3686.1	17.967	2830.3
#2	3540.8	39253.	3741.1	17.403	2809.0
#3	3556.4	39408.	3727.8	17.967	2824.4

Sample Name: K1688-02A Acquired: 3/4/2019 20:59:24 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7990 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	.87336	2.1231	1.1006	2.2321	.87568	2.4598	.34668	.22672	.21653
Stddev	.00827	.0173	.0020	.0034	.00900	.0159	.00318	.00076	.00048
%RSD	.94635	.81534	.17962	.15246	1.0281	.64575	.91789	.33492	.22341

#1	.88082	2.1262	1.1020	2.2358	.88602	2.4478	.34809	.22759	.21690
#2	.87478	2.1044	1.0983	2.2293	.87141	2.4778	.34891	.22625	.21599
#3	.86448	2.1385	1.1014	2.2311	.86961	2.4539	.34304	.22631	.21672

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.355	.46815	.23102	.29606	4.8216	.79809	3.9455	.49207	.07475
Stddev	.109	.00115	.00122	.00219	.0168	.00019	.0490	.00349	.00071
%RSD	.28364	.24533	.52730	.73950	.34744	.02394	1.2426	.70951	.94352

#1	38.238	.46864	.23209	.29854	4.8120	.79805	3.8911	.49395	.07501
#2	38.375	.46684	.22970	.29441	4.8118	.79830	3.9862	.48804	.07395
#3	38.452	.46898	.23127	.29522	4.8409	.79793	3.9593	.49422	.07529

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	312.57	.32789	.26784	12.139	.44476	.29789	.71129	3.0475	.72876
Stddev	2.61	.00210	.00013	.039	.00300	.01071	.01823	.0254	.00240
%RSD	.83444	.63951	.04862	.32270	.67409	3.5963	2.5629	.83483	.32878

#1	310.95	.32789	.26797	12.094	.44815	.31010	.69027	3.0182	.72749
#2	311.18	.32579	.26771	12.167	.44247	.29008	.72077	3.0618	.72727
#3	315.58	.32999	.26783	12.156	.44365	.29349	.72281	3.0626	.73152

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20466	.22683	6.763	.31646	6.5933	15.288
Stddev	.00113	.00438	.015	.00272	.3206	1.125
%RSD	.55121	1.9312	.2181	.85940	4.8632	7.3600

#1	.20532	.22204	6.775	.31680	6.9266	16.095
#2	.20335	.23063	6.747	.31359	6.2870	15.765
#3	.20530	.22783	6.768	.31900	6.5663	14.003

Sample Name: K1688-02A Acquired: 3/4/2019 20:59:24 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7990 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	3562.5	39582.	3702.2	17.799	2841.9
Stddev	29.9	133.	11.2	.927	8.1
%RSD	.83867	.33511	.30256	5.2058	.28444
#1	3530.1	39436.	3697.3	18.167	2833.8
#2	3568.5	39696.	3715.0	16.745	2842.0
#3	3588.9	39615.	3694.2	18.485	2850.0

Sample Name: K1688-04 Acquired: 3/4/2019 21:03:41 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00420	-.00347	.01571	.00309	-.00020	.17952	.14551
Stddev	.00233	.00134	.00124	.00261	.00416	.00280	.00497
%RSD	55.553	38.723	7.9003	84.471	2066.3	1.5576	3.4181

#1	-.00666	-.00211	.01630	.00602	-.00402	.17749	.13993
#2	-.00390	-.00350	.01428	.00223	.00424	.18271	.14949
#3	-.00203	-.00479	.01654	.00102	-.00082	.17837	.14710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00034	56.329	.00106	.00949	.00311	.64304
Stddev	.00009	.00009	.627	.00029	.00021	.00111	.00714
%RSD	27.018	26.388	1.1138	27.509	2.2096	35.661	1.1108

#1	.00028	-.00043	55.670	.00118	.00935	.00343	.64717
#2	.00026	-.00025	56.397	.00073	.00973	.00188	.63479
#3	.00042	-.00033	56.920	.00127	.00938	.00402	.64716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0791	3.4051	.00684	.00045	374.86	-.00091	.23973
Stddev	.0028	.0365	.00024	.00062	6.20	.00061	.00044
%RSD	.26087	1.0729	3.4858	138.56	1.6529	66.690	.18344

#1	1.0803	3.3639	.00661	-.00026	369.00	-.00075	.23994
#2	1.0759	3.4180	.00682	.00090	374.23	-.00040	.23923
#3	1.0811	3.4335	.00709	.00069	381.34	-.00159	.24003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7836	.00034	.01037	.84459	2.2529	.00087	-.00136
Stddev	.0290	.00004	.00248	.00491	.0117	.00186	.00126
%RSD	1.6278	10.927	23.953	.58188	.52117	213.85	93.055

#1	1.7789	.00039	.01191	.84310	2.2523	.00283	-.00094
#2	1.7573	.00032	.01170	.84058	2.2415	.00064	-.00277
#3	1.8147	.00032	.00751	.85007	2.2649	-.00087	-.00036

Sample Name: K1688-04 Acquired: 3/4/2019 21:03:41 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00888	.0058	.19664	6.8754	F<.00000
Stddev	.00291	.0015	.00120	.1950	.41928
%RSD	32.769	25.13	.60877	2.8358	9.8410
#1	.00685	.0070	.19550	6.6530	-3.8465
#2	.00757	.0042	.19653	7.0172	-4.6849
#3	.01221	.0063	.19788	6.9558	-4.2502
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.5	38898.	3764.3	18.675	2806.5
Stddev	15.6	69.	39.1	1.824	4.9
%RSD	.44462	.17706	1.0381	9.7643	.17574
#1	3484.8	38840.	3802.6	18.100	2802.3
#2	3515.9	38879.	3765.8	20.717	2805.2
#3	3500.7	38974.	3724.5	17.208	2812.0

Sample Name: K1688-06 Acquired: 3/4/2019 21:08:14 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	-.00417	.01660	.00341	-.00091	.23443	.13687
Stddev	.00051	.00211	.00066	.00275	.00135	.01081	.00440
%RSD	25.833	50.606	3.9685	80.627	147.85	4.6110	3.2139

#1	-.00200	-.00341	.01595	.00161	.00007	.24167	.13251
#2	-.00246	-.00655	.01659	.00657	-.00245	.23961	.13677
#3	-.00144	-.00254	.01727	.00204	-.00035	.22200	.14131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00041	36.977	.00217	.00629	.00359	.55142
Stddev	.00002	.00007	.258	.00065	.00010	.00093	.00437
%RSD	8.5481	18.134	.69750	29.792	1.5426	25.925	.79215

#1	.00028	-.00039	36.696	.00249	.00640	.00376	.55424
#2	.00028	-.00049	37.203	.00143	.00622	.00442	.55362
#3	.00024	-.00035	37.033	.00261	.00625	.00258	.54639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74508	2.4361	.00705	.00022	357.43	-.00080	.08571
Stddev	.00139	.0026	.00040	.00013	3.79	.00056	.00026
%RSD	.18647	.10629	5.6993	60.258	1.0602	70.532	.30470

#1	.74508	2.4389	.00737	.00037	355.67	-.00078	.08577
#2	.74646	2.4338	.00660	.00014	361.78	-.00137	.08543
#3	.74368	2.4356	.00719	.00015	354.85	-.00024	.08594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9544	.00027	.01507	.90447	2.4609	.00135	.00074
Stddev	.0690	.00027	.00727	.01684	.0157	.00059	.00256
%RSD	2.3358	100.12	48.265	1.8614	.63938	43.970	345.92

#1	2.8868	-.00002	.00821	.91558	2.4778	.00203	-.00044
#2	2.9517	.00051	.02269	.88510	2.4467	.00109	-.00101
#3	3.0247	.00033	.01429	.91272	2.4582	.00093	.00367

Sample Name: K1688-06 Acquired: 3/4/2019 21:08:14 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00792	.0078	.12312	6.2837	F<.00000
Stddev	.00152	.0010	.00030	.3241	1.0755
%RSD	19.211	12.38	.24689	5.1572	35.674
#1	.00937	.0068	.12278	6.0124	-4.2377
#2	.00806	.0087	.12322	6.6425	-2.5919
#3	.00634	.0078	.12336	6.1962	-2.2152
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.6	39335.	3764.5	18.161	2851.3
Stddev	33.5	143.	23.7	1.320	19.9
%RSD	.93736	.36344	.62841	7.2700	.69758
#1	3605.3	39352.	3759.7	18.742	2873.8
#2	3560.7	39184.	3743.7	19.092	2836.1
#3	3539.8	39468.	3790.3	16.650	2843.9

Sample Name: K1688-08 Acquired: 3/4/2019 21:12:47 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	-.00407	.01544	.00372	-.00232	.11167	.09991
Stddev	.00314	.00065	.00108	.00200	.00065	.02081	.00167
%RSD	103.81	15.901	7.0134	53.764	27.932	18.631	1.6758

#1	-.00545	-.00482	.01641	.00154	-.00300	.13082	.09875
#2	-.00413	-.00374	.01564	.00548	-.00224	.08953	.10183
#3	.00052	-.00366	.01427	.00414	-.00171	.11465	.09914

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00046	49.623	.00040	.00712	.00307	1.7460
Stddev	.00010	.00005	.294	.00059	.00011	.00093	.0129
%RSD	51.686	11.047	.59317	148.46	1.4752	30.241	.74139

#1	.00027	-.00042	49.291	-.00028	.00724	.00415	1.7317
#2	.00024	-.00051	49.724	.00077	.00704	.00253	1.7493
#3	.00008	-.00044	49.852	.00072	.00708	.00254	1.7570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65687	1.7455	.00468	.00006	304.72	-.00010	.25295
Stddev	.00100	.0341	.00059	.00039	4.87	.00070	.00043
%RSD	.15151	1.9537	12.504	679.61	1.5995	691.86	.16984

#1	.65797	1.7229	.00530	.00050	303.29	-.00045	.25344
#2	.65661	1.7847	.00460	-.00018	300.72	.00070	.25278
#3	.65603	1.7289	.00414	-.00016	310.15	-.00056	.25263

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1125	.00035	.00860	.49411	.96893	.00110	-.00163
Stddev	.0296	.00011	.00750	.00384	.01525	.00045	.00149
%RSD	2.6625	30.273	87.145	.77733	1.5743	40.950	91.061

#1	1.0937	.00046	.00488	.48969	.95134	.00128	-.00002
#2	1.1466	.00025	.00370	.49604	.97856	.00143	-.00193
#3	1.0971	.00033	.01724	.49660	.97689	.00059	-.00295

Sample Name: K1688-08 Acquired: 3/4/2019 21:12:47 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00601	.0063	.18865	6.8272	F<.00000
Stddev	.00088	.0010	.00100	.1375	1.0471
%RSD	14.608	16.51	.52962	2.0137	77.318

#1	.00646	.0053	.18750	6.9831	-2.2592
#2	.00499	.0063	.18925	6.7751	-.20736
#3	.00657	.0074	.18920	6.7234	-1.5964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.5	39336.	3764.3	17.275	2864.6
Stddev	17.4	176.	16.9	1.932	14.0
%RSD	.48678	.44701	.44897	11.185	.48918

#1	3554.3	39136.	3781.2	15.542	2855.7
#2	3556.7	39467.	3764.1	16.925	2857.3
#3	3585.5	39404.	3747.4	19.358	2880.8

Sample Name: K1688-10 Acquired: 3/4/2019 21:17:20 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	-.00449	.01968	.00238	-.00032	.12979	.11839	.00023
Stddev	.00066	.00175	.00035	.00247	.00113	.02179	.00275	.00006
%RSD	25.697	38.978	1.7826	103.58	357.98	16.788	2.3250	26.909

#1	-.00274	-.00607	.01961	.00035	-.00087	.10603	.11801	.00022
#2	-.00185	-.00480	.01936	.00167	.00099	.13451	.11585	.00029
#3	-.00315	-.00261	.02005	.00512	-.00106	.14883	.12131	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	37.091	.00106	.00791	.00267	1.6755	.99417	1.8929
Stddev	.00006	.081	.00016	.00005	.00009	.0101	.00097	.0666
%RSD	19.446	.21789	14.818	.58688	3.4800	.60401	.09792	3.5189

#1	-.00036	37.001	.00120	.00789	.00271	1.6719	.99316	1.8358
#2	-.00027	37.114	.00089	.00788	.00257	1.6869	.99427	1.8769
#3	-.00025	37.157	.00110	.00796	.00274	1.6677	.99510	1.9661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	.00027	304.97	-.00093	.11341	1.8631	.00039	.00767
Stddev	.00033	.00096	.84	.00058	.00015	.0381	.00012	.00601
%RSD	5.4963	355.01	.27525	62.620	.12960	2.0452	31.277	78.421

#1	.00632	.00099	305.65	-.00043	.11344	1.8192	.00051	.00074
#2	.00607	.00064	305.22	-.00078	.11355	1.8865	.00039	.01070
#3	.00566	-.00082	304.03	-.00157	.11326	1.8838	.00027	.01155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61018	1.3601	.00049	-.00097	.00605	.0060	.14530	6.5261
Stddev	.00856	.0177	.00071	.00202	.00156	.0016	.00075	.1730
%RSD	1.4024	1.3007	144.70	209.02	25.830	26.00	.51546	2.6504

#1	.60430	1.3689	.00016	.00137	.00698	.0051	.14457	6.4955
#2	.62000	1.3717	.00131	-.00207	.00693	.0079	.14606	6.3705
#3	.60625	1.3398	.00001	-.00219	.00425	.0051	.14527	6.7124

Sample Name: K1688-10 Acquired: 3/4/2019 21:17:20 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.1535
 %RSD 309.50

#1 .80594
 #2 -1.4994
 #3 -.42466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.1	39562.	3780.6	17.314	2893.2
Stddev	19.4	52.	34.0	.879	17.3
%RSD	.53849	.13092	.89827	5.0794	.59884

#1	3591.0	39590.	3746.3	18.008	2896.7
#2	3578.1	39594.	3781.4	16.325	2874.3
#3	3616.1	39502.	3814.2	17.608	2908.4

Sample Name: K1688-12 Acquired: 3/4/2019 21:21:52 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00237	-.00241	.01354	.00261	-.00205	.15417	.12795
Stddev	.00311	.00163	.00039	.00131	.00141	.01566	.00344
%RSD	131.37	67.816	2.8845	50.332	68.536	10.158	2.6863

#1	.00083	-.00156	.01316	.00363	-.00177	.16012	.12636
#2	-.00539	-.00429	.01394	.00307	-.00081	.13641	.13189
#3	-.00255	-.00137	.01351	.00113	-.00358	.16599	.12559

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00028	52.191	.00192	.00715	.00405	.26464
Stddev	.00002	.00014	.336	.00019	.00028	.00068	.00379
%RSD	10.874	51.118	.64376	9.9514	3.8872	16.752	1.4320

#1	.00017	-.00043	51.907	.00172	.00707	.00480	.26894
#2	.00017	-.00028	52.562	.00210	.00745	.00386	.26318
#3	.00014	-.00014	52.105	.00194	.00692	.00349	.26180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94592	3.1761	.00509	.00085	305.82	-.00059	.09749
Stddev	.00221	.0747	.00046	.00049	2.03	.00041	.00056
%RSD	.23317	2.3518	9.1035	57.090	.66325	69.620	.57576

#1	.94701	3.1870	.00562	.00095	304.84	-.00030	.09709
#2	.94338	3.2447	.00481	.00128	308.15	-.00107	.09726
#3	.94736	3.0965	.00483	.00032	304.47	-.00041	.09813

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5018	.00019	.00384	.76116	1.8302	.00076	-.00139
Stddev	.0107	.00007	.01240	.01601	.0152	.00026	.00117
%RSD	.71007	37.104	322.83	2.1028	.82927	34.364	84.349

#1	1.4897	.00011	-.00432	.77218	1.8456	.00046	-.00076
#2	1.5101	.00020	.01812	.76849	1.8298	.00091	-.00274
#3	1.5055	.00025	-.00227	.74280	1.8152	.00092	-.00067

Sample Name: K1688-12 Acquired: 3/4/2019 21:21:52 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00433	.0046	.19412	6.8182	F<.00000
Stddev	.00205	.0012	.00132	.1556	.68978
%RSD	47.479	26.63	.67814	2.2826	28.790
#1	.00474	.0032	.19276	6.6521	-2.4271
#2	.00614	.0055	.19539	6.9608	-3.0696
#3	.00210	.0051	.19422	6.8416	-1.6911
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.0	39262.	3727.9	18.250	2849.0
Stddev	14.4	47.	36.4	.922	9.1
%RSD	.40484	.12057	.97590	5.0499	.32035
#1	3532.9	39249.	3697.7	17.200	2843.2
#2	3561.5	39222.	3717.7	18.925	2859.5
#3	3549.6	39314.	3768.2	18.625	2844.3

Sample Name: K1688-14 Acquired: 3/4/2019 21:26:26 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00376	.01589	.00264	-.00125	.16087	.16423
Stddev	.00373	.00086	.00219	.00188	.00121	.00598	.00675
%RSD	312.86	23.013	13.768	70.969	96.956	3.7173	4.1117

#1	-.00550	-.00447	.01382	.00452	-.00263	.16233	.15646
#2	.00106	-.00400	.01818	.00077	-.00074	.15429	.16862
#3	.00086	-.00280	.01568	.00265	-.00038	.16598	.16762

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00031	70.046	.00106	.00934	.00262	.11589
Stddev	.00005	.00004	.619	.00009	.00018	.00073	.00153
%RSD	20.076	13.344	.88355	8.0809	1.9387	27.883	1.3198

#1	.00027	-.00035	69.335	.00105	.00918	.00226	.11614
#2	.00024	-.00027	70.342	.00098	.00953	.00346	.11728
#3	.00018	-.00031	70.462	.00115	.00931	.00214	.11425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83187	8.1686	.00910	.00006	322.99	-.00105	.16300
Stddev	.00181	.1358	.00040	.00076	2.69	.00037	.00036
%RSD	.21779	1.6623	4.3708	1186.2	.83298	34.743	.22309

#1	.83361	8.0771	.00874	-.00081	325.90	-.00105	.16296
#2	.82999	8.1040	.00903	.00040	322.47	-.00069	.16338
#3	.83202	8.3246	.00953	.00060	320.60	-.00142	.16265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3816	.00046	.01390	.94803	2.8986	.00215	-.00290
Stddev	.0179	.00045	.00773	.00480	.0403	.00067	.00141
%RSD	.52786	96.568	55.598	.50668	1.3914	31.102	48.503

#1	3.3708	.00058	.02127	.94458	2.9018	.00282	-.00130
#2	3.3717	-.00003	.01457	.95352	2.9373	.00149	-.00396
#3	3.4022	.00084	.00586	.94599	2.8568	.00213	-.00343

Sample Name: K1688-14 Acquired: 3/4/2019 21:26:26 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01207	.0028	.21931	6.8352	F<.00000
Stddev	.00150	.0008	.00227	.2886	1.2937
%RSD	12.401	30.62	1.0330	4.2223	28.200

#1	.01373	.0026	.21687	7.1684	-5.6815
#2	.01081	.0037	.21971	6.6725	-4.9219
#3	.01167	.0020	.22135	6.6646	-3.1596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.9	39048.	3707.1	18.794	2840.7
Stddev	15.2	148.	53.7	.993	10.3
%RSD	.43093	.37992	1.4476	5.2844	.36147

#1	3536.3	38889.	3674.5	19.858	2830.3
#2	3519.0	39182.	3677.7	17.892	2850.8
#3	3549.4	39074.	3769.0	18.633	2840.9

Sample Name: CCV11 Acquired: 3/4/2019 21:30:58 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14632 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7500	4.9698	4.9879	4.8061	4.8219	9.5234	9.9847	.24308
Stddev	.0117	.0172	.0203	.0079	.0092	.0775	.0262	.00110
%RSD	.24602	.34595	.40704	.16422	.19151	.81358	.26236	.45385
#1	4.7366	4.9567	4.9737	4.7992	4.8130	9.4995	10.000	.24426
#2	4.7547	4.9893	5.0112	4.8044	4.8314	9.4606	9.9996	.24208
#3	4.7585	4.9635	4.9789	4.8147	4.8212	9.6100	9.9545	.24289
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4094	25.597	.99961	2.4763	F 1.3794	5.4420	2.4341	24.501
Stddev	.0093	.154	.00202	.0105	.0040	.0317	.0043	.224
%RSD	.38585	.60010	.20250	.42282	.29146	.58180	.17468	.91593
#1	2.4044	25.420	.99923	2.4695	1.3786	5.4714	2.4368	24.272
#2	2.4201	25.681	.99781	2.4884	1.3758	5.4462	2.4292	24.721
#3	2.4037	25.691	1.0018	2.4711	1.3837	5.4085	2.4363	24.509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.8570	F 1.3889	24.426	2.3366	2.4979	24.660	4.8607	F 4.3382
Stddev	.0137	.0030	.114	.0014	.0098	.121	.0057	.0024
%RSD	.48094	.21551	.46653	.05791	.39029	.48918	.11764	.05491
#1	2.8497	1.3871	24.462	2.3351	2.4931	24.780	4.8546	4.3358
#2	2.8729	1.3873	24.517	2.3377	2.5091	24.661	4.8616	4.3406
#3	2.8485	1.3924	24.298	2.3370	2.4914	24.538	4.8659	4.3381
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6395	4.7807	4.8134	4.6375	F 4.4910	4.840	F 4.0781	5.0408
Stddev	.0151	.0318	.0265	.0007	.0216	.019	.0070	.0515
%RSD	.32508	.66491	.54962	.01490	.48036	.3924	.17182	1.0206
#1	4.6566	4.7978	4.7936	4.6383	4.5118	4.826	4.0862	5.0093
#2	4.6339	4.8003	4.8434	4.6375	4.4925	4.862	4.0743	5.0129
#3	4.6281	4.7440	4.8031	4.6369	4.4687	4.833	4.0738	5.1001

Sample Name: CCV11 Acquired: 3/4/2019 21:30:58 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14632 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0487
Stddev	.7970
%RSD	15.786

#1	4.8603
#2	5.9231
#3	4.3628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.6	42122.	3761.3	18.250	2993.9
Stddev	2.9	56.	28.2	1.178	11.9
%RSD	.07657	.13206	.75105	6.4561	.39901

#1	3773.5	42081.	3741.3	19.122	2998.7
#2	3767.7	42185.	3748.9	18.718	2980.3
#3	3770.7	42099.	3793.6	16.909	3002.7

Sample Name: CCB11 Acquired: 3/4/2019 21:34:58 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14632 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	.00134	-.00092	.00038	-.00122	-.01241	-.01075
Stddev	.00374	.00069	.00032	.00354	.00055	.01347	.00150
%RSD	107.39	51.333	34.490	941.18	44.787	108.48	13.919

#1	-.00096	.00161	-.00126	-.00371	-.00064	.00312	-.00941
#2	-.00171	.00185	-.00064	.00251	-.00173	-.01951	-.01047
#3	-.00777	.00056	-.00086	.00234	-.00130	-.02085	-.01236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00015	-.00460	.00041	-.00032	.00119	-.00055
Stddev	.00003	.00013	.02085	.00010	.00022	.00045	.00127
%RSD	20.496	86.394	453.74	24.557	66.974	37.294	231.71

#1	.00014	-.00009	-.02716	.00030	-.00008	.00086	-.00195
#2	.00018	-.00030	-.00059	.00043	-.00040	.00170	-.00022
#3	.00012	-.00006	.01397	.00050	-.00049	.00102	.00053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01610	-.00033	.00078	.03822	-.00033	-.00014
Stddev	.00006	.06329	.00046	.00033	.01276	.00005	.00008
%RSD	191.43	393.06	140.97	42.665	33.392	15.032	58.262

#1	-.00003	-.02300	.00019	.00044	.05237	-.00037	-.00005
#2	.00008	.08912	-.00069	.00081	.03468	-.00028	-.00022
#3	.00005	-.01782	-.00049	.00111	.02759	-.00036	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11446	.00025	.00479	F -.03813	.00300	-.00141	-.00124
Stddev	.02577	.00047	.01408	.00527	.00273	.00033	.00151
%RSD	22.514	190.70	293.91	13.824	91.042	23.372	121.83

#1	.13340	.00079	-.01144	-.03722	.00615	-.00106	-.00091
#2	.08512	-.00008	.01201	-.03338	.00124	-.00172	.00008
#3	.12487	.00003	.01380	-.04380	.00162	-.00145	-.00289

Sample Name: CCB11 Acquired: 3/4/2019 21:34:58 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14632 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00380	.0002	-0.00030	F 3.3349	F<.00000
Stddev	.00302	.0006	.00005	.1266	.98280
%RSD	79.580	261.2	15.532	3.7950	109.41
#1	-0.00695	-.0002	-.00027	3.4679	-1.0489
#2	-.00353	-.0000	-.00028	3.2160	.15109
#3	-.00092	.0009	-.00035	3.3206	-1.7971
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.6	43570.	3792.1	17.119	3375.4
Stddev	20.0	183.	37.7	1.133	22.0
%RSD	.51880	.42113	.99444	6.6184	.65089
#1	3878.5	43468.	3809.9	17.667	3399.5
#2	3841.7	43460.	3748.8	15.817	3356.4
#3	3846.5	43782.	3817.6	17.875	3370.5

Sample Name: K1688-16 Acquired: 3/4/2019 21:39:27 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00202	-.00186	.01241	.00139	-.00172	.13372	.17767
Stddev	.00181	.00225	.00081	.00239	.00184	.00936	.00481
%RSD	89.764	121.06	6.5038	172.52	106.96	7.0019	2.7065

#1	-.00086	-.00016	.01320	.00378	-.00383	.13400	.17954
#2	-.00410	-.00441	.01244	-.00100	-.00048	.12423	.17221
#3	-.00108	-.00101	.01159	.00138	-.00084	.14295	.18126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00023	63.364	.00034	.00955	.00532	.05872
Stddev	.00003	.00011	.937	.00011	.00023	.00089	.00303
%RSD	44.499	47.835	1.4791	31.459	2.4474	16.648	5.1586

#1	.00008	-.00030	62.309	.00039	.00962	.00491	.06001
#2	.00006	-.00029	63.683	.00042	.00929	.00633	.06089
#3	.00003	-.00010	64.100	.00022	.00974	.00471	.05526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3220	7.3649	.00644	.00002	301.87	-.00144	.30813
Stddev	.0016	.0733	.00111	.00013	3.51	.00009	.00100
%RSD	.12285	.99550	17.210	688.85	1.1612	6.3868	.32515

#1	1.3222	7.3500	.00709	.00004	298.14	-.00142	.30873
#2	1.3202	7.3002	.00516	.00014	305.10	-.00155	.30697
#3	1.3235	7.4446	.00707	-.00012	302.36	-.00137	.30867

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3948	.00055	.01249	.84527	2.8884	.00129	-.00253
Stddev	.1206	.00010	.01046	.00840	.0248	.00019	.00070
%RSD	3.5541	17.886	83.773	.99383	.85767	14.949	27.774

#1	3.2555	.00059	.00114	.84681	2.8599	.00135	-.00304
#2	3.4681	.00062	.01457	.83621	2.9045	.00144	-.00283
#3	3.4607	.00044	.02175	.85280	2.9009	.00107	-.00173

Sample Name: K1688-16 Acquired: 3/4/2019 21:39:27 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00687	.0051	.20942	6.5229	F<.00000
Stddev	.00189	.0005	.00260	.0941	.83866
%RSD	27.463	9.507	1.2412	1.4429	24.324
#1	.00782	.0045	.20644	6.5649	-4.3010
#2	.00809	.0053	.21063	6.4151	-3.4183
#3	.00470	.0054	.21119	6.5887	-2.6245
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3540.7	39274.	3736.0	17.836	2843.9
Stddev	18.7	215.	18.3	.427	9.0
%RSD	.52785	.54701	.49103	2.3962	.31779
#1	3530.5	39075.	3756.5	18.325	2837.5
#2	3529.4	39244.	3721.3	17.650	2840.0
#3	3562.3	39501.	3730.2	17.533	2854.2

Sample Name: K1688-18 Acquired: 3/4/2019 21:44:00 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00274	-.00369	.02002	.00206	-.00097	.18725	.15556
Stddev	.00161	.00227	.00148	.00155	.00132	.01358	.00177
%RSD	58.679	61.512	7.3895	74.955	136.28	7.2511	1.1351

#1	-.00429	-.00461	.02135	.00340	-.00071	.17312	.15546
#2	-.00285	-.00535	.01843	.00242	.00020	.18841	.15384
#3	-.00108	-.00110	.02027	.00037	-.00240	.20020	.15737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00020	64.729	.00127	.00626	.19208	.40225
Stddev	.00015	.00008	.360	.00024	.00007	.00064	.00683
%RSD	58.072	42.027	.55630	18.819	1.1063	.33519	1.6985

#1	.00040	-.00011	64.492	.00144	.00621	.19218	.39450
#2	.00026	-.00028	64.552	.00136	.00624	.19139	.40739
#3	.00010	-.00020	65.144	.00099	.00634	.19266	.40486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87662	4.2239	.00726	-.00003	304.14	-.00053	.10106
Stddev	.00276	.0295	.00061	.00063	2.91	.00035	.00050
%RSD	.31457	.69822	8.3904	2013.8	.95643	65.943	.49897

#1	.87446	4.2072	.00659	-.00045	301.24	-.00019	.10158
#2	.87567	4.2066	.00740	.00069	304.14	-.00089	.10100
#3	.87973	4.2580	.00778	-.00034	307.05	-.00052	.10058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8017	.00067	.01085	.84776	2.4958	.00044	-.00174
Stddev	.0190	.00022	.00070	.03093	.0283	.00064	.00068
%RSD	.39486	32.219	6.4687	3.6486	1.1351	147.40	39.242

#1	4.8078	.00078	.01151	.83456	2.4728	.00089	-.00099
#2	4.8168	.00042	.01093	.82561	2.5274	-.00030	-.00190
#3	4.7804	.00082	.01011	.88310	2.4871	.00072	-.00232

Sample Name: K1688-18 Acquired: 3/4/2019 21:44:00 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01083	.0008	.18872	6.6388	F<.00000
Stddev	.00233	.0009	.00093	.1749	1.2226
%RSD	21.501	119.3	.49476	2.6350	26.629
#1	.00956	.0018	.18790	6.7465	-3.2151
#2	.00941	.0002	.18853	6.4369	-5.5523
#3	.01352	.0003	.18974	6.7329	-5.0063
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.3	39191.	3724.1	19.261	2842.7
Stddev	10.9	25.	15.4	1.596	8.3
%RSD	.30778	.06492	.41467	8.2872	.29288
#1	3550.0	39215.	3741.9	19.400	2835.0
#2	3546.3	39164.	3715.8	20.783	2841.5
#3	3566.8	39194.	3714.5	17.600	2851.5

Sample Name: K1688-20 Acquired: 3/4/2019 21:48:33 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	-.00367	.02447	.00142	-.00167	.16593	.13976
Stddev	.00178	.00082	.00030	.00306	.00111	.01757	.00556
%RSD	57.666	22.348	1.2068	215.18	66.757	10.589	3.9778

#1	-.00469	-.00327	.02458	.00411	-.00284	.17657	.13505
#2	-.00342	-.00461	.02470	.00208	-.00153	.17557	.13833
#3	-.00117	-.00312	.02414	-.00191	-.00063	.14565	.14589

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00015	26.815	.00036	.00910	.01783	.55393
Stddev	.00002	.00007	.216	.00025	.00010	.00077	.00416
%RSD	9.1198	44.177	.80669	71.098	1.0797	4.3217	.75065

#1	.00021	-.00013	26.680	.00019	.00910	.01844	.55405
#2	.00021	-.00010	26.700	.00023	.00901	.01807	.54971
#3	.00024	-.00022	27.064	.00065	.00920	.01696	.55802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9521	2.1435	.00417	.00038	315.07	-.00205	.43744
Stddev	.0053	.0378	.00106	.00043	2.85	.00017	.00084
%RSD	.27140	1.7648	25.396	112.53	.90448	8.0557	.19187

#1	1.9580	2.1289	.00537	.00075	317.64	-.00217	.43690
#2	1.9506	2.1864	.00338	-.00009	312.01	-.00186	.43841
#3	1.9477	2.1151	.00376	.00047	315.56	-.00211	.43701

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2372	.00039	-.00077	.36881	.92697	.00016	.00086
Stddev	.0096	.00037	.00939	.02185	.01670	.00097	.00294
%RSD	.77935	95.573	1215.4	5.9238	1.8021	591.04	343.08

#1	1.2261	.00050	.00826	.38579	.92777	-.00094	.00031
#2	1.2419	-.00003	-.00009	.37648	.90988	.00089	.00403
#3	1.2435	.00068	-.01049	.34416	.94326	.00055	-.00177

Sample Name: K1688-20 Acquired: 3/4/2019 21:48:33 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-030119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.0043	.10952	6.9143	F<.00000
Stddev	.00255	.0002	.00043	.2021	1.2872
%RSD	194.34	4.310	.39090	2.9226	39.109

#1	-.00142	.0045	.10997	7.1459	-4.6844
#2	.00173	.0041	.10948	6.7736	-3.0442
#3	.00362	.0044	.10912	6.8236	-2.1458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3557.1	39176.	3712.1	17.769	2852.1
Stddev	1.9	244.	43.3	.244	1.8
%RSD	.05393	.62179	1.1672	1.3724	.06201

#1	3556.5	38895.	3688.6	17.608	2852.6
#2	3555.6	39306.	3762.1	18.050	2853.6
#3	3559.3	39326.	3685.6	17.650	2850.2

Sample Name: K1706-01 Acquired: 3/4/2019 21:53:06 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1-6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00713	-.00391	.01604	.00069	-.00064	.36638	.09928
Stddev	.00116	.00116	.00156	.00491	.00073	.01614	.00816
%RSD	16.218	29.775	9.7242	708.70	113.99	4.4040	8.2202

#1	-.00796	-.00515	.01671	.00587	.00020	.36282	.09154
#2	-.00581	-.00375	.01714	-.00390	-.00114	.38399	.09850
#3	-.00762	-.00284	.01425	.00011	-.00098	.35231	.10780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00170	44.024	.00295	.00498	.08086	.04552
Stddev	.00009	.00016	.255	.00023	.00009	.00053	.00075
%RSD	31.419	9.5045	.57861	7.6778	1.7389	.65758	1.6487

#1	.00028	.00169	43.730	.00305	.00502	.08027	.04605
#2	.00021	.00187	44.180	.00310	.00488	.08131	.04584
#3	.00039	.00155	44.161	.00269	.00503	.08099	.04466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30110	2.8646	.02248	.00063	404.14	.00020	14.278
Stddev	.00052	.0434	.00048	.00011	1.66	.00036	.070
%RSD	.17434	1.5158	2.1154	16.822	.41065	183.01	.48758

#1	.30052	2.8663	.02194	.00051	405.51	-.00000	14.275
#2	.30154	2.8204	.02271	.00072	404.61	-.00002	14.349
#3	.30125	2.9072	.02280	.00064	402.30	.00062	14.209

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8473	-.00194	.03800	F 17.891	1.7709	-.00542	-.00133
Stddev	.0261	.00031	.00251	.021	.0130	.00051	.00523
%RSD	1.4132	15.842	6.6105	.11527	.73305	9.4681	393.40

#1	1.8391	-.00211	.03602	17.913	1.7858	-.00561	-.00120
#2	1.8765	-.00159	.04082	17.886	1.7624	-.00484	.00384
#3	1.8263	-.00213	.03715	17.873	1.7644	-.00582	-.00663

Sample Name: K1706-01 Acquired: 3/4/2019 21:53:06 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00500	.0018	.13644	7.1854	F<.00000
Stddev	.00142	.0007	.00043	.1456	.58888
%RSD	28.348	39.18	.31170	2.0269	13.757

#1	.00355	.0025	.13624	7.1587	-3.7887
#2	.00506	.0012	.13693	7.0550	-4.1203
#3	.00639	.0015	.13616	7.3426	-4.9332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.5	38697.	3674.4	17.756	2834.0
Stddev	9.0	42.	17.2	1.213	7.7
%RSD	.25492	.10839	.46820	6.8295	.27013

#1	3537.8	38744.	3656.0	18.375	2829.1
#2	3538.7	38680.	3690.1	18.533	2830.0
#3	3553.9	38665.	3677.2	16.358	2842.8

Sample Name: K1707-02 Acquired: 3/4/2019 21:57:38 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00597	-.00342	.00579	.00285	-.00063	.08065	.04782
Stddev	.00130	.00088	.00059	.00242	.00048	.01265	.00596
%RSD	21.760	25.816	10.181	85.040	75.703	15.685	12.454

#1	-.00736	-.00338	.00538	.00564	-.00008	.06605	.04189
#2	-.00575	-.00433	.00646	.00129	-.00095	.08746	.04777
#3	-.00479	-.00256	.00552	.00161	-.00086	.08843	.05380

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00018	6.6670	.00147	.00293	.00912	.02326
Stddev	.00008	.00014	.0221	.00035	.00012	.00068	.00158
%RSD	109.82	75.306	.33211	23.470	4.2315	7.4394	6.7785

#1	.00014	.00033	6.6462	.00158	.00286	.00876	.02487
#2	-.00001	.00005	6.6646	.00109	.00287	.00990	.02171
#3	.00009	.00017	6.6902	.00175	.00308	.00869	.02320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10884	.83016	.00367	.00075	261.55	-.00019	.15023
Stddev	.00032	.04064	.00054	.00062	1.80	.00038	.00016
%RSD	.29181	4.8951	14.826	82.708	.68949	202.24	.10931

#1	.10854	.80085	.00305	.00023	260.32	-.00024	.15039
#2	.10918	.81307	.00405	.00144	260.70	-.00055	.15007
#3	.10881	.87655	.00392	.00058	263.62	.00022	.15023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69620	.00030	.00296	.08121	.58224	-.00022	-.00075
Stddev	.08068	.00010	.00572	.01681	.00285	.00073	.00226
%RSD	11.588	34.647	193.23	20.698	.48963	337.92	300.82

#1	.70956	.00030	.00759	.06371	.58376	-.00106	-.00223
#2	.60968	.00040	.00473	.09723	.57895	.00024	-.00188
#3	.76936	.00020	-.00344	.08269	.58400	.00017	.00185

Sample Name: K1707-02 Acquired: 3/4/2019 21:57:38 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00149	.0065	.03088	6.3334	F<.00000
Stddev	.00216	.0006	.00020	.2287	.25879
%RSD	144.33	8.882	.64898	3.6114	7.1382

#1	.00232	.0070	.03108	6.5778	-3.9078
#2	-.00095	.0066	.03068	6.1245	-3.3995
#3	.00311	.0059	.03086	6.2980	-3.5692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.4	39822.	3745.4	17.158	2947.1
Stddev	8.7	103.	17.6	.679	7.8
%RSD	.24001	.25741	.47019	3.9564	.26465

#1	3632.4	39704.	3754.9	17.792	2955.0
#2	3623.7	39867.	3756.2	17.242	2939.4
#3	3641.1	39893.	3725.1	16.442	2946.8

Sample Name: K1707-04 Acquired: 3/4/2019 22:02:14 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	-.00308	.03071	.00175	.00122	.04900	.08074
Stddev	.00058	.00107	.00019	.00279	.00092	.01086	.00299
%RSD	21.186	34.811	.60303	159.19	75.195	22.157	3.7031

#1	-.00209	-.00413	.03053	-.00036	.00224	.03780	.08140
#2	-.00288	-.00312	.03069	.00071	.00097	.05948	.07748
#3	-.00322	-.00199	.03090	.00492	.00046	.04970	.08335

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00044	9.1095	.00167	.00044	.01125	.01091
Stddev	.00005	.00009	.0698	.00048	.00010	.00081	.00208
%RSD	71.675	21.142	.76594	28.876	24.072	7.1765	19.028

#1	.00014	.00054	9.0298	.00152	.00037	.01155	.00968
#2	.00004	.00036	9.1394	.00128	.00038	.01034	.01331
#3	.00005	.00043	9.1593	.00222	.00056	.01187	.00975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02594	2.0233	.00414	.00107	287.72	.00007	.12121
Stddev	.00001	.1088	.00101	.00059	5.22	.00020	.00003
%RSD	.04036	5.3788	24.374	54.517	1.8157	280.05	.02207

#1	.02595	1.9077	.00514	.00150	281.76	.00026	.12124
#2	.02594	2.0386	.00312	.00041	291.48	-.00015	.12120
#3	.02593	2.1238	.00416	.00131	289.94	.00011	.12119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57862	.00023	.00949	.08263	.56459	-.00009	.00056
Stddev	.03202	.00046	.00757	.00778	.00159	.00049	.00106
%RSD	5.5346	198.29	79.782	9.4124	.28184	513.99	188.48

#1	.56621	.00060	.01228	.07498	.56276	.00047	.00123
#2	.55466	.00039	.00092	.08239	.56567	-.00039	.00111
#3	.61500	-.00029	.01527	.09053	.56534	-.00036	-.00066

Sample Name: K1707-04 Acquired: 3/4/2019 22:02:14 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	.0156	.05185	6.5354	F<.00000
Stddev	.00216	.0016	.00024	.0834	.70955
%RSD	355.29	10.32	.45537	1.2760	20.586
#1	.00022	.0171	.05158	6.6257	-3.8686
#2	.00102	.0139	.05203	6.5192	-2.6276
#3	-.00306	.0159	.05194	6.4613	-3.8442
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.9	39634.	3685.4	17.419	2932.2
Stddev	22.2	89.	14.4	1.847	17.8
%RSD	.61510	.22334	.39000	10.602	.60663
#1	3595.9	39556.	3699.8	18.900	2913.9
#2	3627.7	39616.	3671.0	15.350	2949.5
#3	3585.1	39730.	3685.6	18.008	2933.1

Sample Name: K1707-06 Acquired: 3/4/2019 22:06:50 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00269	-.00091	.01369	-.00129	-.00005	.05033	.07937
Stddev	.00205	.00264	.00198	.00152	.00160	.01137	.00377
%RSD	76.119	291.62	14.472	117.11	3084.2	22.591	4.7494

#1	-.00436	-.00147	.01485	-.00217	-.00035	.03962	.08030
#2	-.00041	.00197	.01483	.00046	.00168	.06227	.08259
#3	-.00330	-.00322	.01141	-.00216	-.00148	.04910	.07522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00015	9.1239	.00157	-.00016	.01066	.02943
Stddev	.00007	.00004	.0882	.00008	.00033	.00041	.00064
%RSD	1090.7	29.533	.96672	5.1227	202.59	3.8635	2.1742

#1	-.00007	.00013	9.0230	.00162	.00019	.01081	.02904
#2	.00006	.00020	9.1629	.00148	-.00045	.01019	.03017
#3	.00003	.00012	9.1860	.00163	-.00022	.01097	.02909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01479	.92418	.00282	.00043	253.16	.00041	.09254
Stddev	.00003	.03732	.00024	.00058	2.00	.00041	.00044
%RSD	.22884	4.0384	8.5149	136.00	.79134	99.961	.47995

#1	.01478	.96584	.00309	.00060	253.27	.00088	.09241
#2	.01483	.89380	.00263	.00090	251.10	.00021	.09304
#3	.01476	.91290	.00274	-.00022	255.10	.00014	.09218

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56537	.00025	-.00078	.06768	.65259	.00012	-.00211
Stddev	.04788	.00038	.00688	.01044	.00216	.00026	.00223
%RSD	8.4682	150.03	882.58	15.418	.33154	212.20	105.62

#1	.51232	.00004	-.00299	.07483	.65426	.00031	-.00468
#2	.57844	.00068	-.00629	.05571	.65014	.00024	-.00092
#3	.60536	.00003	.00694	.07250	.65337	-.00018	-.00073

Sample Name: K1707-06 Acquired: 3/4/2019 22:06:50 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S12 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.0217	.04307	6.4133	F<.00000
Stddev	.00261	.0014	.00014	.0667	.48871
%RSD	362.42	6.531	.33562	1.0405	14.012
#1	.00229	.0202	.04317	6.3702	-3.3163
#2	-.00233	.0229	.04290	6.3795	-4.0392
#3	-.00211	.0222	.04314	6.4902	-3.1080
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.7	39744.	3705.2	18.734	2947.0
Stddev	5.7	59.	18.9	1.652	6.0
%RSD	.15788	.14936	.50930	8.8168	.20306
#1	3594.4	39769.	3718.1	19.168	2941.4
#2	3605.6	39676.	3714.0	20.125	2946.2
#3	3601.9	39787.	3683.5	16.908	2953.3

Sample Name: K1709-01 Acquired: 3/4/2019 22:11:23 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COR-21816 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00149	.00355	.00262	-.00268	.07500	.13911
Stddev	.00250	.00129	.00060	.00328	.00142	.00758	.00577
%RSD	146.64	86.213	16.839	125.32	52.888	10.103	4.1460

#1	.00111	-.00205	.00288	-.00109	-.00249	.06956	.14510
#2	-.00257	-.00241	.00402	.00513	-.00418	.07178	.13863
#3	-.00365	-.00002	.00374	.00381	-.00136	.08365	.13360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00011	19.642	.00220	-.00012	.00790	.09013
Stddev	.00010	.00009	.089	.00023	.00018	.00058	.00153
%RSD	207.02	81.059	.45123	10.288	150.23	7.4033	1.6987

#1	.00011	-.00012	19.544	.00218	-.00030	.00740	.09187
#2	.00010	-.00002	19.666	.00244	-.00012	.00854	.08899
#3	-.00007	-.00020	19.716	.00199	.00006	.00776	.08953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03071	1.5052	.00317	.00049	291.08	.00031	.21803
Stddev	.00006	.0404	.00026	.00063	3.61	.00019	.00040
%RSD	.18673	2.6821	8.2376	128.25	1.2396	63.439	.18410

#1	.03078	1.5190	.00313	.00046	294.19	.00032	.21802
#2	.03067	1.4597	.00293	.00114	287.12	.00010	.21844
#3	.03068	1.5368	.00345	-.00012	291.92	.00049	.21763

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1784	.00042	.02726	.23439	.15383	-.00003	-.00063
Stddev	.0184	.00020	.00521	.02052	.00316	.00041	.00353
%RSD	.84611	46.496	19.124	8.7540	2.0513	1349.8	558.58

#1	2.1766	.00043	.02602	.24313	.15539	-.00046	-.00425
#2	2.1977	.00062	.02278	.24909	.15020	.00037	-.00045
#3	2.1610	.00023	.03298	.21095	.15590	-.00000	.00280

Sample Name: K1709-01 Acquired: 3/4/2019 22:11:23 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COR-21816 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00182	.0067	.03160	6.2015	F<.00000
Stddev	.00273	.0002	.00009	.3880	.82345
%RSD	150.38	2.650	.28185	6.2563	28.575

#1	-.00124	.0067	.03152	5.7541	-3.2981
#2	.00267	.0065	.03170	6.4039	-1.9332
#3	.00402	.0068	.03159	6.4464	-3.4138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.4	39641.	3682.9	17.544	2882.6
Stddev	10.8	131.	26.9	.368	8.3
%RSD	.30243	.33007	.72999	2.0977	.28635

#1	3580.8	39792.	3662.8	17.375	2889.6
#2	3560.2	39560.	3713.5	17.967	2873.5
#3	3576.2	39570.	3672.5	17.292	2884.7

Sample Name: K1710-01 Acquired: 3/4/2019 22:15:59 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ETC-21642 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00457	-.00063	.00207	-.00004	.00261	.03139	.12993
Stddev	.00361	.00192	.00017	.00186	.00098	.01132	.00038
%RSD	79.032	303.13	7.9825	5235.3	37.770	36.044	.29477

#1	.00184	-.00235	.00200	-.00006	.00264	.04109	.12991
#2	.00320	.00145	.00226	.00184	.00357	.01896	.13032
#3	.00867	-.00101	.00195	-.00188	.00161	.03413	.12955

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00051	2.5352	.00169	-.00044	.00081	.16787
Stddev	.00013	.00012	.0415	.00068	.00025	.00038	.00561
%RSD	187.40	23.726	1.6358	40.280	56.505	46.866	3.3430

#1	.00022	-.00054	2.5248	.00240	-.00026	.00060	.16148
#2	.00000	-.00060	2.4999	.00104	-.00072	.00124	.17016
#3	-.00001	-.00037	2.5809	.00164	-.00033	.00058	.17198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01382	.13480	.00068	.00066	246.28	.00224	.67257
Stddev	.00006	.00708	.00049	.00038	5.46	.00037	.00331
%RSD	.46747	5.2494	71.692	58.606	2.2160	16.724	.49145

#1	.01382	.14070	.00109	.00035	239.99	.00211	.66895
#2	.01376	.12696	.00014	.00109	249.13	.00266	.67542
#3	.01389	.13674	.00081	.00053	249.73	.00194	.67334

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44666	.00050	.02899	.27582	.06496	-.00085	-.00142
Stddev	.06322	.00011	.01627	.01818	.00198	.00069	.00084
%RSD	14.154	22.748	56.132	6.5920	3.0541	81.285	59.039

#1	.38620	.00057	.01071	.25515	.06453	-.00150	-.00215
#2	.44147	.00037	.04189	.28297	.06712	-.00090	-.00050
#3	.51231	.00055	.03436	.28935	.06322	-.00013	-.00162

Sample Name: K1710-01 Acquired: 3/4/2019 22:15:59 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ETC-21642 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	.0454	.01280	6.4372	F<.00000
Stddev	.00371	.0017	.00020	.4128	.53940
%RSD	128.16	3.801	1.5277	6.4127	18.093

#1	-.00423	.0471	.01258	6.8606	-2.7599
#2	-.00576	.0437	.01295	6.4150	-3.5961
#3	.00130	.0455	.01287	6.0359	-2.5877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.2	39697.	3711.1	18.702	2958.3
Stddev	13.0	206.	65.1	.985	15.8
%RSD	.35954	.52002	1.7536	5.2671	.53404

#1	3589.2	39527.	3786.0	19.678	2976.5
#2	3611.4	39638.	3678.5	18.721	2947.9
#3	3611.9	39927.	3668.8	17.708	2950.6

Sample Name: K1712-06 Acquired: 3/4/2019 22:20:29 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-4-2-AB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00350	.01601	.00207	-.00334	.07190	.17106
Stddev	.00267	.00076	.00057	.00266	.00086	.00669	.00228
%RSD	857.66	21.700	3.5880	128.53	25.833	9.3069	1.3356

#1	-.00167	-.00430	.01655	.00251	-.00255	.06491	.16866
#2	.00276	-.00279	.01540	.00449	-.00426	.07825	.17131
#3	-.00203	-.00340	.01607	-.00078	-.00319	.07253	.17321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00017	146.93	.00211	.00150	.00287	-.00237
Stddev	.00005	.00004	.83	.00013	.00027	.00064	.00158
%RSD	84.382	21.487	.56336	6.3634	17.800	22.322	66.525

#1	.00004	.00021	146.10	.00225	.00177	.00213	-.00354
#2	.00002	.00014	146.93	.00198	.00124	.00327	-.00058
#3	.00013	.00016	147.76	.00212	.00147	.00322	-.00299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47637	3.1499	.00393	-.00023	305.48	.00100	.02883
Stddev	.00070	.1072	.00073	.00050	.68	.00044	.00020
%RSD	.14614	3.4028	18.666	216.86	.22117	44.512	.70293

#1	.47625	3.0558	.00407	-.00055	304.90	.00137	.02900
#2	.47575	3.2666	.00457	.00035	305.32	.00112	.02860
#3	.47712	3.1274	.00313	-.00049	306.22	.00051	.02889

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8768	.00106	.01453	2.4984	5.4230	.00016	-.00679
Stddev	.0445	.00012	.01292	.0428	.0314	.00077	.00358
%RSD	2.3705	11.488	88.872	1.7131	.57873	474.67	52.703

#1	1.8388	.00118	.02408	2.5478	5.4567	.00029	-.01044
#2	1.8659	.00094	.01968	2.4752	5.4175	-.00066	-.00328
#3	1.9258	.00107	-.00016	2.4721	5.3947	.00086	-.00666

Sample Name: K1712-06 Acquired: 3/4/2019 22:20:29 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-4-2-AB Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01262	.0302	.55013	6.6291	F<.00000
Stddev	.00205	.0014	.00076	.0898	.37740
%RSD	16.248	4.538	.13813	1.3548	12.210

#1	.01079	.0312	.55096	6.6178	-2.9822
#2	.01224	.0286	.54948	6.5455	-2.7797
#3	.01484	.0308	.54994	6.7240	-3.5107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.9	39066.	3625.9	17.303	2825.3
Stddev	10.2	55.	3.5	1.644	9.5
%RSD	.28950	.14070	.09788	9.5003	.33787

#1	3518.8	39006.	3629.7	19.136	2814.3
#2	3539.0	39114.	3625.5	16.815	2831.4
#3	3531.9	39076.	3622.6	15.959	2830.2

Sample Name: CCV12 Acquired: 3/4/2019 22:25:04 Type: Unk
Method: P4-ICP2(v2905) 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	4.7611	4.9871	4.9800	4.8170	4.8326	9.4920	10.010	.24549
Stddev	.0105	.0322	.0153	.0092	.0123	.0969	.046	.00036
%RSD	.22098	.64587	.30668	.19081	.25540	1.0212	.45880	.14548
#1	4.7497	4.9509	4.9627	4.8083	4.8185	9.4024	10.062	.24513
#2	4.7631	4.9981	4.9853	4.8266	4.8379	9.5949	9.9736	.24584
#3	4.7705	5.0124	4.9919	4.8161	4.8415	9.4787	9.9949	.24550
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4095	25.917	1.0130	2.4740	F 1.3995	F 5.5412	2.4650	24.704
Stddev	.0092	.067	.0007	.0108	.0030	.0379	.0030	.075
%RSD	.38126	.26018	.06740	.43767	.21533	.68350	.11997	.30549
#1	2.3991	25.995	1.0136	2.4615	1.3987	5.5802	2.4659	24.780
#2	2.4130	25.880	1.0123	2.4799	1.3969	5.5046	2.4617	24.629
#3	2.4165	25.876	1.0130	2.4805	1.4028	5.5388	2.4674	24.704
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.8947	F 1.4079	24.466	2.3639	2.5120	24.693	4.8916	F 4.3911
Stddev	.0077	.0031	.148	.0040	.0106	.119	.0100	.0088
%RSD	.26587	.22086	.60671	.17057	.42354	.48218	.20533	.19920
#1	2.8861	1.4057	24.634	2.3626	2.4997	24.799	4.8872	4.3836
#2	2.8969	1.4065	24.410	2.3607	2.5186	24.718	4.8845	4.3890
#3	2.9010	1.4115	24.354	2.3685	2.5176	24.564	4.9031	4.4007
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6203	4.8560	4.8237	4.6668	F 4.4902	4.878	F 4.1096	F 5.5219
Stddev	.0342	.0428	.0247	.0132	.0146	.008	.0252	.0237
%RSD	.74111	.88110	.51244	.28240	.32491	.1694	.61237	.42976
#1	4.6598	4.8985	4.7955	4.6517	4.4942	4.870	4.1356	5.5456
#2	4.6010	4.8130	4.8416	4.6726	4.4740	4.886	4.0854	5.5221
#3	4.6000	4.8565	4.8340	4.6761	4.5024	4.879	4.1079	5.4981

Sample Name: CCV12 Acquired: 3/4/2019 22:25:04 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.2219
Stddev	.9463
%RSD	22.414

#1	3.6230
#2	5.3129
#3	3.7299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3737.9	41551.	3679.2	17.295	2985.6
Stddev	5.0	4.	34.4	.901	13.3
%RSD	.13328	.01076	.93597	5.2117	.44437

#1	3743.3	41556.	3641.1	16.322	3000.8
#2	3737.1	41547.	3708.1	17.462	2979.6
#3	3733.4	41552.	3688.3	18.102	2976.4

Sample Name: CCB12 Acquired: 3/4/2019 22:29:05 Type: Unk
Method: P4-ICP2(v2905) 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	-.00131	.00227	-.00031	-.00153	.00121	.00349	-.00718
Stddev	.00118	.00120	.00035	.00079	.00072	.02253	.00375
%RSD	90.309	52.697	115.02	51.481	59.452	644.77	52.162

#1	-.00205	.00160	-.00014	-.00166	.00137	.02515	-.01128
#2	-.00193	.00366	-.00006	-.00223	.00183	-.01982	-.00635
#3	.00005	.00157	-.00071	-.00068	.00042	.00515	-.00392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00016	-.00038	.00057	-.00019	.00134	.00026
Stddev	.00005	.00001	.00533	.00025	.00013	.00089	.00100
%RSD	30.864	3.3691	1404.5	42.980	69.204	66.829	392.71

#1	.00013	-.00016	-.00228	.00060	-.00030	.00230	-.00088
#2	.00012	-.00016	.00564	.00031	-.00023	.00054	.00062
#3	.00021	-.00015	-.00450	.00080	-.00004	.00116	.00102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.02117	-.00021	.00046	.04220	-.00030	-.00020
Stddev	.00003	.03343	.00132	.00051	.01175	.00014	.00008
%RSD	254.09	157.89	618.50	109.47	27.848	46.863	41.301

#1	-.00004	-.03599	-.00051	.00083	.04674	-.00043	-.00010
#2	.00002	-.04463	.00123	-.00011	.02885	-.00016	-.00025
#3	-.00002	.01710	-.00135	.00067	.05100	-.00030	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12328	.00053	-.00504	-.00797	.00514	-.00214	-.00037
Stddev	.06342	.00042	.00463	.00706	.00223	.00014	.00076
%RSD	51.446	78.707	91.863	88.573	43.288	6.3548	204.56

#1	.17443	.00095	-.00147	.00003	.00741	-.00229	.00009
#2	.05232	.00011	-.01027	-.01061	.00296	-.00205	-.00125
#3	.14309	.00053	-.00338	-.01331	.00507	-.00207	.00005

Sample Name: CCB12 Acquired: 3/4/2019 22:29:05 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00623	-0.0009	-0.00016	F 3.7984	F<.00000
Stddev	.00097	.0011	.00011	.3203	.43802
%RSD	15.493	120.4	67.821	8.4324	36.701
#1	-0.00533	-0.0006	-0.00015	3.4990	-1.6791
#2	-0.00725	-0.0022	-0.00006	3.7600	-1.0731
#3	-0.00611	.0000	-0.00028	4.1361	-.82826
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3845.6	43150.	3738.9	18.097	3377.7
Stddev	5.3	171.	33.2	1.061	14.3
%RSD	.13851	.39585	.88874	5.8635	.42341
#1	3846.2	42963.	3703.4	16.875	3369.0
#2	3840.1	43188.	3744.1	18.633	3394.2
#3	3850.7	43298.	3769.2	18.783	3369.9

Sample Name: K1712-10 Acquired: 3/4/2019 22:33:34 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	-.00413	.05029	-.00004	-.00181	.08121	.11280
Stddev	.00271	.00075	.00097	.00271	.00277	.01411	.00146
%RSD	264.55	18.096	1.9263	6101.0	152.80	17.378	1.2901

#1	.00062	-.00499	.05041	-.00229	.00065	.08120	.11285
#2	-.00415	-.00362	.04926	-.00081	-.00480	.06711	.11132
#3	.00046	-.00378	.05119	.00296	-.00128	.09533	.11422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00048	165.27	.00144	-.00017	.10535	.00526
Stddev	.00004	.00005	.92	.00020	.00024	.00059	.00180
%RSD	147.27	10.250	.55684	14.218	146.04	.55797	34.180

#1	-.00007	-.00043	164.56	.00167	.00002	.10563	.00461
#2	.00001	-.00053	164.95	.00130	-.00044	.10574	.00729
#3	-.00002	-.00047	166.31	.00135	-.00008	.10467	.00387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07257	1.9829	.00262	-.00070	280.50	.00159	.06284
Stddev	.00040	.0613	.00133	.00063	1.95	.00025	.00064
%RSD	.55738	3.0898	50.852	89.966	.69514	15.525	1.0204

#1	.07214	1.9537	.00184	-.00069	278.50	.00149	.06340
#2	.07294	1.9417	.00415	-.00007	282.40	.00141	.06297
#3	.07265	2.0533	.00186	-.00132	280.60	.00188	.06214

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3726	.00071	.00579	1.1778	2.1934	.00129	-.00473
Stddev	.0166	.00003	.00296	.0038	.0149	.00090	.00114
%RSD	1.2104	3.8643	51.104	.32490	.67907	69.703	24.045

#1	1.3892	.00073	.00870	1.1779	2.1802	.00081	-.00420
#2	1.3727	.00073	.00279	1.1816	2.1905	.00073	-.00604
#3	1.3559	.00068	.00587	1.1739	2.2096	.00233	-.00396

Sample Name: K1712-10 Acquired: 3/4/2019 22:33:34 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02273	.0058	.52723	6.7976	F<.00000
Stddev	.00207	.0021	.00158	.3808	1.3638
%RSD	9.0899	35.78	.30061	5.6020	29.685

#1	.02072	.0077	.52855	7.1791	-5.5057
#2	.02262	.0036	.52547	6.7962	-5.2505
#3	.02485	.0059	.52767	6.4175	-3.0263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.9	38894.	3678.2	17.710	2824.6
Stddev	22.3	153.	7.1	.960	7.9
%RSD	.63507	.39431	.19375	5.4193	.27890

#1	3487.0	38749.	3678.5	17.373	2829.3
#2	3518.6	38879.	3685.2	16.964	2815.5
#3	3530.1	39055.	3670.9	18.793	2829.1

Sample Name: K1712-14 Acquired: 3/4/2019 22:38:09 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	-.00247	.24214	.00179	-.00269	.05321	.11827
Stddev	.00229	.00009	.00117	.00085	.00157	.00583	.00384
%RSD	148.50	3.6841	.48189	47.529	58.308	10.950	3.2457

#1	-.00415	-.00253	.24342	.00084	-.00404	.05611	.11486
#2	-.00064	-.00250	.24185	.00249	-.00097	.04650	.12243
#3	.00016	-.00236	.24114	.00203	-.00305	.05701	.11752

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	175.01	.00139	.00018	.01108	.00089
Stddev	.00009	.00005	.72	.00061	.00038	.00085	.00113
%RSD	807.03	83.455	.41158	43.564	215.87	7.6714	127.43

#1	-.00003	-.00011	174.21	.00193	-.00017	.01011	.00039
#2	-.00009	-.00005	175.61	.00074	.00011	.01170	.00009
#3	.00008	-.00001	175.21	.00151	.00058	.01143	.00218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09149	2.7003	.00174	-.00076	312.44	.00049	.21245
Stddev	.00052	.0852	.00067	.00084	2.95	.00013	.00019
%RSD	.57265	3.1541	38.668	110.80	.94575	26.852	.08807

#1	.09114	2.6879	.00097	.00014	310.56	.00054	.21225
#2	.09123	2.7910	.00217	-.00088	315.85	.00059	.21262
#3	.09209	2.6220	.00209	-.00153	310.92	.00034	.21249

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9452	.00055	.00965	4.9694	1.1693	.00024	-.00818
Stddev	.0235	.00016	.01537	.0210	.0071	.00026	.00231
%RSD	.79846	29.315	159.35	.42281	.60383	111.55	28.189

#1	2.9195	.00061	.00688	4.9458	1.1612	.00028	-.00644
#2	2.9656	.00067	-.00416	4.9860	1.1743	-.00004	-.00730
#3	2.9506	.00037	.02621	4.9764	1.1724	.00048	-.01079

Sample Name: K1712-14 Acquired: 3/4/2019 22:38:09 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02469	.0156	.70837	6.5942	F<.00000
Stddev	.00098	.0014	.00314	.2120	.22101
%RSD	3.9879	8.745	.44265	3.2151	4.8449
#1	.02564	.0169	.70768	6.7756	-4.7848
#2	.02367	.0157	.71179	6.6460	-4.3429
#3	.02478	.0142	.70564	6.3611	-4.5575
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.9	39066.	3706.9	17.877	2806.9
Stddev	3.4	25.	8.3	1.391	2.9
%RSD	.09690	.06505	.22473	7.7823	.10464
#1	3516.9	39044.	3708.7	19.288	2808.6
#2	3514.5	39094.	3697.8	17.837	2808.6
#3	3510.2	39060.	3714.1	16.507	2803.5

Sample Name: K1712-18 Acquired: 3/4/2019 22:42:42 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	-.00325	.08178	.00152	-.00143	.06765	.26891
Stddev	.00107	.00300	.00023	.00269	.00355	.02055	.00407
%RSD	41.992	92.344	.28574	177.25	248.45	30.384	1.5127

#1	-.00135	-.00122	.08189	-.00159	.00191	.08918	.27258
#2	-.00341	-.00183	.08151	.00302	-.00104	.06553	.26454
#3	-.00285	-.00670	.08194	.00313	-.00516	.04824	.26961

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00083	130.22	.00131	.00205	.00635	.00944
Stddev	.00004	.00005	.65	.00050	.00022	.00025	.00054
%RSD	188.86	6.0611	.50008	38.195	10.728	3.9682	5.7543

#1	-.00002	.00078	129.51	.00167	.00179	.00659	.00911
#2	.00003	.00088	130.35	.00074	.00215	.00637	.00915
#3	.00006	.00083	130.79	.00153	.00219	.00609	.01007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31434	2.2355	.00414	.00025	288.51	-.00013	.11894
Stddev	.00095	.0246	.00032	.00034	1.06	.00032	.00050
%RSD	.30377	1.1028	7.7828	137.16	.36699	247.25	.41834

#1	.31408	2.2347	.00410	-.00014	288.49	-.00022	.11856
#2	.31355	2.2113	.00448	.00041	289.58	-.00039	.11876
#3	.31541	2.2606	.00384	.00047	287.46	.00023	.11950

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1736	.00062	-.00256	1.0120	1.1221	.00176	-.00667
Stddev	.0199	.00052	.00887	.0247	.0033	.00040	.00184
%RSD	1.6947	82.979	346.23	2.4442	.29650	22.754	27.600

#1	1.1645	.00032	-.00776	1.0015	1.1183	.00130	-.00851
#2	1.1598	.00122	-.00760	.99429	1.1238	.00201	-.00483
#3	1.1964	.00033	.00768	1.0403	1.1242	.00198	-.00668

Sample Name: K1712-18 Acquired: 3/4/2019 22:42:42 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01455	.0115	.52201	6.5571	F<.00000
Stddev	.00201	.0007	.00219	.1402	.45081
%RSD	13.789	5.860	.42013	2.1380	11.029

#1	.01424	.0107	.52001	6.5640	-3.5678
#2	.01271	.0118	.52167	6.6937	-4.3195
#3	.01669	.0119	.52435	6.4136	-4.3748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.9	39267.	3659.2	17.936	2834.3
Stddev	5.0	131.	8.8	.384	1.1
%RSD	.14325	.33456	.24089	2.1433	.03850

#1	3527.0	39131.	3649.1	17.635	2835.4
#2	3518.1	39276.	3665.6	17.804	2834.4
#3	3526.7	39393.	3662.9	18.369	2833.2

Sample Name: K1712-22 Acquired: 3/4/2019 22:47:16 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-2-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00437	-.00214	.01800	-.00064	.00020	.08964	.08714
Stddev	.00067	.00078	.00144	.00100	.00177	.00645	.00389
%RSD	15.207	36.664	7.9837	156.75	904.39	7.1987	4.4664

#1	-.00365	-.00139	.01841	-.00077	.00065	.08829	.08266
#2	-.00450	-.00295	.01640	-.00156	-.00176	.08397	.08908
#3	-.00497	-.00207	.01919	.00042	.00170	.09666	.08969

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00035	12.061	.00143	-.00051	.00283	.03905
Stddev	.00011	.00008	.080	.00052	.00010	.00023	.00019
%RSD	395.45	24.166	.66516	36.473	19.940	8.0031	.48124

#1	.00009	-.00042	12.046	.00098	-.00039	.00259	.03925
#2	.00009	-.00037	11.989	.00201	-.00055	.00303	.03902
#3	-.00010	-.00025	12.147	.00131	-.00059	.00288	.03887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00757	.93602	.00087	.00070	286.48	.00038	.01926
Stddev	.00008	.04685	.00010	.00043	2.20	.00038	.00018
%RSD	1.0221	5.0054	11.643	61.276	.76630	98.929	.91433

#1	.00752	.99007	.00094	.00045	288.33	.00081	.01908
#2	.00766	.91091	.00075	.00120	287.05	.00014	.01943
#3	.00753	.90707	.00092	.00046	284.05	.00019	.01927

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3215	.00018	.00091	.10739	.62575	.00048	.00012
Stddev	.0116	.00030	.01143	.00711	.00780	.00053	.00154
%RSD	.88087	165.59	1262.7	6.6165	1.2473	110.31	1306.3

#1	1.3272	-.00002	-.01193	.10491	.62506	-.00012	.00188
#2	1.3292	.00004	.00464	.10185	.63388	.00067	-.00056
#3	1.3081	.00053	.01000	.11540	.61831	.00090	-.00096

Sample Name: K1712-22 Acquired: 3/4/2019 22:47:16 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-2-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00221	.1159	.07486	6.5895	F<.00000
Stddev	.00172	.0030	.00012	.0912	.70134
%RSD	77.698	2.554	.16105	1.3845	20.531

#1	-.00221	.1159	.07499	6.6745	-3.7274
#2	-.00049	.1129	.07481	6.4931	-2.6129
#3	-.00393	.1189	.07477	6.6010	-3.9078

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3574.1	39477.	3719.5	17.261	2922.1
Stddev	22.9	145.	24.1	.719	6.9
%RSD	.64020	.36684	.64765	4.1627	.23649

#1	3599.7	39343.	3691.6	17.558	2914.2
#2	3555.6	39459.	3732.9	17.783	2925.5
#3	3567.0	39631.	3733.8	16.442	2926.7

Sample Name: K1715-04 Acquired: 3/4/2019 22:51:52 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-B-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00718	-.00248	.01693	-.00066	.00036	.07404	.18673
Stddev	.00183	.00091	.00086	.00518	.00146	.01064	.00175
%RSD	25.551	36.481	5.0586	788.53	406.84	14.368	.93872

#1	.00917	-.00351	.01731	-.00028	-.00128	.06216	.18834
#2	.00556	-.00178	.01753	.00433	.00154	.08267	.18486
#3	.00680	-.00216	.01595	-.00601	.00082	.07731	.18700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00045	17.939	.00040	.00419	.00793	1.2982
Stddev	.00004	.00013	.023	.00063	.00024	.00047	.0067
%RSD	14.496	28.178	.12803	158.50	5.8170	5.8858	.51767

#1	.00031	-.00045	17.916	.00098	.00392	.00740	1.3025
#2	.00028	-.00032	17.939	.00047	.00439	.00825	1.2905
#3	.00023	-.00057	17.962	-.00027	.00427	.00815	1.3017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4230	2.5716	.00475	.00062	286.06	-.00144	.03271
Stddev	.0040	.0600	.00071	.00020	4.75	.00047	.00027
%RSD	.28024	2.3327	14.864	31.485	1.6602	32.906	.83297

#1	1.4232	2.6315	.00521	.00080	281.46	-.00169	.03297
#2	1.4269	2.5718	.00511	.00067	285.77	-.00173	.03274
#3	1.4189	2.5115	.00394	.00041	290.94	-.00089	.03242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83979	.00005	-.00511	.05626	.31523	.00024	.00025
Stddev	.03201	.00032	.00546	.02488	.00062	.00050	.00188
%RSD	3.8122	612.22	106.87	44.228	.19635	211.24	759.17

#1	.81396	.00042	-.00755	.08362	.31492	.00078	.00239
#2	.82979	-.00019	.00115	.03498	.31594	.00013	-.00050
#3	.87560	-.00007	-.00891	.05018	.31483	-.00020	-.00115

Sample Name: K1715-04 Acquired: 3/4/2019 22:51:52 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-B-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.0007	.03275	6.6233	F<.00000
Stddev	.00157	.0010	.00026	.1409	1.0292
%RSD	640.38	143.8	.77973	2.1272	58.322

#1	-.00105	.0003	.03245	6.5818	-2.3724
#2	-.00124	-.0001	.03289	6.7803	-2.3452
#3	.00156	.0018	.03290	6.5079	-.57635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.7	39571.	3697.0	17.547	2918.5
Stddev	2.7	116.	11.8	.326	3.8
%RSD	.07612	.29187	.31936	1.8602	.13182

#1	3614.8	39536.	3694.8	17.617	2914.6
#2	3609.6	39477.	3709.7	17.833	2922.3
#3	3610.7	39700.	3686.4	17.192	2918.5

Sample Name: K1715-08 Acquired: 3/4/2019 22:56:28 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-B-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	.00702	-.00233	.01382	.00128	.00203	.10111	.15708	.00019
Stddev	.00376	.00189	.00163	.00536	.00147	.00502	.00317	.00003
%RSD	53.556	81.214	11.823	419.77	72.374	4.9654	2.0164	16.510

#1	.00603	-.00017	.01199	.00740	.00367	.10209	.16042	.00018
#2	.01118	-.00311	.01432	-.00096	.00084	.09567	.15412	.00023
#3	.00385	-.00371	.01514	-.00261	.00158	.10556	.15670	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	19.378	.00058	.02174	.00611	2.9146	.87558	3.1039
Stddev	.00005	.134	.00028	.00016	.00089	.0039	.00348	.0835
%RSD	10.125	.69367	48.776	.75543	14.627	.13281	.39764	2.6919

#1	-.00046	19.229	.00025	.02192	.00540	2.9135	.87523	3.0634
#2	-.00048	19.418	.00074	.02166	.00712	2.9190	.87922	3.2000
#3	-.00055	19.489	.00075	.02162	.00582	2.9115	.87228	3.0483

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00688	.00102	327.81	-.00068	.02997	.89289	.00048	.00307
Stddev	.00043	.00022	2.30	.00045	.00030	.04259	.00013	.00329
%RSD	6.2231	21.692	.70297	65.963	1.0143	4.7702	27.466	107.35

#1	.00639	.00091	328.83	-.00088	.02980	.86609	.00041	-.00035
#2	.00712	.00127	329.42	-.00100	.02980	.94201	.00039	.00621
#3	.00714	.00087	325.17	-.00017	.03033	.87058	.00062	.00334

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11226	.36494	.00100	-.00230	-.00037	-.0005	.04201	6.9001
Stddev	.00503	.00424	.00119	.00177	.00183	.0005	.00036	.1831
%RSD	4.4826	1.1613	119.45	76.956	496.69	107.4	.85752	2.6530

#1	.11720	.36352	.00010	-.00128	.00116	-.0007	.04181	6.8430
#2	.11245	.36970	.00236	-.00435	-.00239	.0001	.04243	7.1048
#3	.10714	.36159	.00054	-.00128	.00013	-.0009	.04180	6.7523

Sample Name: K1715-08 Acquired: 3/4/2019 22:56:28 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-B-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1633
 Stddev .7216
 %RSD 62.033

#1 .80027
 #2 1.9943
 #3 .69524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.0	39090.	3665.4	17.589	2860.4
Stddev	15.8	119.	33.9	1.731	7.9
%RSD	.44404	.30537	.92369	9.8384	.27471

#1	3567.4	39030.	3635.7	18.750	2869.3
#2	3546.1	39012.	3658.2	18.417	2857.6
#3	3536.6	39227.	3702.3	15.600	2854.4

Sample Name: K1715-12 Acquired: 3/4/2019 23:01:03 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-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	.00378	-.00123	.01249	.00082	.00089	.05941	.16152	.00019
Stddev	.00410	.00105	.00084	.00300	.00062	.01924	.00344	.00007
%RSD	108.49	85.090	6.7263	365.25	69.841	32.384	2.1311	37.651

#1	-.00015	-.00059	.01344	-.00264	.00160	.08034	.16540	.00025
#2	.00804	-.00066	.01185	.00277	.00051	.04249	.16033	.00019
#3	.00346	-.00245	.01219	.00234	.00055	.05540	.15883	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	8.0946	.00002	.00454	.00290	4.5027	.57366	.60741
Stddev	.00010	.0243	.00036	.00029	.00064	.0418	.00058	.09355
%RSD	15.794	.30064	1779.9	6.3101	22.199	.92923	.10149	15.401

#1	-.00050	8.0716	-.00033	.00441	.00339	4.5477	.57378	.66819
#2	-.00062	8.0922	.00038	.00435	.00217	4.4650	.57417	.49969
#3	-.00069	8.1201	.00001	.00487	.00313	4.4952	.57302	.65435

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00469	.00167	263.97	-.00028	.02138	.55377	.00020	.00429
Stddev	.00027	.00014	1.11	.00025	.00017	.01892	.00015	.01504
%RSD	5.8566	8.5069	.41887	87.034	.77868	3.4172	75.045	350.75

#1	.00438	.00156	264.48	-.00013	.02156	.55209	.00026	.01172
#2	.00477	.00183	264.72	-.00057	.02124	.53574	.00003	-.01302
#3	.00491	.00161	262.70	-.00015	.02135	.57348	.00032	.01416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02677	.19824	-.00011	-.00093	-.00407	.0022	.02027	5.7458
Stddev	.01354	.00343	.00070	.00275	.00327	.0013	.00027	.1546
%RSD	50.566	1.7284	661.17	296.83	80.379	60.60	1.3405	2.6905

#1	.01247	.20209	.00065	.00204	-.00059	.0031	.02014	5.6564
#2	.02845	.19554	-.00023	-.00142	-.00707	.0007	.02058	5.9243
#3	.03938	.19708	-.00074	-.00340	-.00454	.0027	.02009	5.6568

Sample Name: K1715-12 Acquired: 3/4/2019 23:01:03 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.4899
Stddev	.8948
%RSD	16.298

#1	6.0609
#2	4.4587
#3	5.9501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.5	40534.	3747.3	16.942	2991.4
Stddev	17.5	39.	26.8	.513	9.1
%RSD	.47395	.09620	.71539	3.0254	.30539

#1	3709.9	40500.	3718.7	16.425	2997.5
#2	3679.3	40525.	3771.9	17.450	2980.9
#3	3709.4	40576.	3751.2	16.950	2995.8

Sample Name: K1715-12DUP Acquired: 3/4/2019 23:05:39 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00442	-.00243	.01226	.00046	-.00043	.05054	.15615	.00023
Stddev	.00129	.00040	.00087	.00168	.00166	.00829	.00613	.00004
%RSD	29.223	16.580	7.0584	367.48	387.07	16.402	3.9225	15.041
#1	.00419	-.00223	.01142	.00236	.00140	.05834	.15499	.00027
#2	.00581	-.00216	.01315	-.00083	-.00184	.05143	.16277	.00021
#3	.00326	-.00289	.01221	-.00016	-.00085	.04184	.15069	.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	8.1074	.00061	.00463	.00290	4.5167	.57442	.57151
Stddev	.00004	.0162	.00051	.00027	.00047	.0478	.00071	.07782
%RSD	5.9867	.19956	83.908	5.7865	16.041	1.0580	.12277	13.616
#1	-.00063	8.0902	.00045	.00483	.00254	4.5699	.57364	.55537
#2	-.00056	8.1224	.00019	.00433	.00342	4.4773	.57501	.50303
#3	-.00061	8.1094	.00117	.00474	.00273	4.5029	.57460	.65613
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00154	261.98	-.00062	.02088	.53897	-.00011	.00461
Stddev	.00072	.00012	3.03	.00019	.00013	.02976	.00012	.00544
%RSD	17.905	7.7226	1.1557	29.644	.63289	5.5222	114.39	117.96
#1	.00478	.00140	263.80	-.00052	.02103	.50808	-.00014	.01081
#2	.00338	.00160	258.48	-.00051	.02080	.56746	-.00021	.00061
#3	.00384	.00161	263.65	-.00084	.02080	.54137	.00003	.00242
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03965	.19975	.00032	-.00256	-.00427	.0023	.01992	5.7958
Stddev	.00911	.00233	.00082	.00247	.00325	.0014	.00013	.2930
%RSD	22.979	1.1667	259.23	96.829	76.104	60.95	.66959	5.0562
#1	.04795	.20214	.00023	-.00072	-.00572	.0010	.02001	5.6349
#2	.02990	.19748	.00118	-.00537	-.00654	.0038	.01999	6.1340
#3	.04110	.19964	-.00046	-.00158	-.00055	.0020	.01977	5.6185

Sample Name: K1715-12DUP Acquired: 3/4/2019 23:05:39 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5-ADUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.8285
 Stddev .9518
 %RSD 13.938

#1 7.6278
 #2 7.0821
 #3 5.7756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.9	40302.	3746.1	18.348	2975.4
Stddev	29.6	156.	14.4	.616	18.0
%RSD	.80893	.38803	.38570	3.3595	.60462

#1	3625.7	40292.	3735.8	18.818	2954.8
#2	3684.0	40150.	3762.6	17.650	2983.5
#3	3664.0	40462.	3739.9	18.575	2987.9

Sample Name: K1715-12LX5 Acquired: 3/4/2019 23:10:13 Type: Unk
Method: P4-ICP2(v2905) 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	.00181	.00326	-.00029	-.00074	.02148	.02414	.00009
Stddev	.00259	.00170	.00139	.00064	.00182	.00357	.00751	.00001
%RSD	217.52	94.288	42.624	218.87	247.60	16.611	31.121	13.619

#1	.00180	.00223	.00485	.00039	.00108	.01853	.02066	.00011
#2	-.00251	-.00007	.00259	-.00039	-.00071	.02046	.01900	.00009
#3	-.00286	.00325	.00233	-.00088	-.00257	.02544	.03276	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	1.6628	.00015	.00093	.00096	.97495	.12096	.11768
Stddev	.00005	.0249	.00023	.00014	.00030	.00473	.00031	.04024
%RSD	15.669	1.4987	155.51	15.133	31.255	.48549	.25447	34.190

#1	-.00038	1.6779	.00036	.00080	.00084	.97983	.12067	.07127
#2	-.00029	1.6340	.00020	.00090	.00130	.97038	.12092	.13916
#3	-.00030	1.6764	-.00010	.00108	.00074	.97463	.12128	.14262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00136	54.933	-.00029	.00405	.19907	.00001	-.00700
Stddev	.00039	.00014	.364	.00023	.00013	.00211	.00053	.00623
%RSD	907.44	10.425	.66221	78.864	3.2892	1.0592	8078.5	88.996

#1	-.00007	.00125	54.602	-.00055	.00400	.19894	.00008	.00018
#2	-.00042	.00152	54.875	-.00021	.00395	.19702	-.00056	-.01015
#3	.00036	.00130	55.322	-.00012	.00420	.20124	.00050	-.01103

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00398	.04392	-.00135	-.00102	-.00224	.0003	.00382	4.6508
Stddev	.00649	.00237	.00092	.00073	.00123	.0008	.00008	.1658
%RSD	162.95	5.3930	67.736	71.337	54.849	258.7	1.9722	3.5649

#1	-.00517	.04597	-.00065	-.00187	-.00112	.0008	.00378	4.5956
#2	-.00980	.04444	-.00239	-.00058	-.00205	-.0006	.00391	4.5196
#3	.00302	.04133	-.00101	-.00062	-.00356	.0008	.00377	4.8372

Sample Name: K1715-12LX5 Acquired: 3/4/2019 23:10:13 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.90540
Stddev	.78746
%RSD	86.973

#1	1.4827
#2	.00837
#3	1.2251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.5	42044.	3730.7	18.606	3181.9
Stddev	10.2	140.	14.0	.644	8.4
%RSD	.27086	.33206	.37557	3.4631	.26347

#1	3767.0	42132.	3721.9	18.129	3173.3
#2	3775.3	42117.	3746.9	19.339	3190.0
#3	3787.3	41883.	3723.3	18.349	3182.3

Sample Name: K1715-12MS Acquired: 3/4/2019 23:14:42 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-AMS 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	.81077	2.0006	1.0270	2.0642	.81693	2.2014	.38334	.20882	.20236
Stddev	.00282	.0046	.0028	.0104	.00470	.0078	.00305	.00027	.00061
%RSD	.34811	.23189	.27635	.50628	.57563	.35475	.79462	.12938	.30126
#1	.80805	1.9997	1.0243	2.0592	.81373	2.1925	.38075	.20866	.20171
#2	.81369	1.9965	1.0267	2.0762	.82233	2.2070	.38258	.20913	.20244
#3	.81058	2.0057	1.0299	2.0572	.81474	2.2048	.38669	.20867	.20292
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.046	.44435	.21650	.28422	7.8940	.84560	2.5986	.47146	.07183
Stddev	.105	.00084	.00022	.00206	.0664	.00173	.0260	.00299	.00129
%RSD	1.0435	.18837	.10348	.72442	.84175	.20477	1.0005	.63342	1.7954
#1	9.9367	.44527	.21637	.28279	7.8833	.84432	2.6155	.47480	.07035
#2	10.146	.44416	.21638	.28658	7.8335	.84757	2.6118	.47051	.07249
#3	10.056	.44362	.21676	.28328	7.9651	.84491	2.5687	.46906	.07267
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	294.87	.30895	.22002	10.100	.42077	.28154	.02564	1.1000	.68359
Stddev	4.04	.00128	.00066	.040	.00227	.01317	.00910	.0077	.00273
%RSD	1.3707	.41575	.30124	.39560	.54055	4.6789	35.506	.69899	.39926
#1	291.79	.30889	.21925	10.066	.42052	.26787	.02207	1.0956	.68057
#2	293.37	.30769	.22044	10.089	.42317	.28260	.01886	1.0955	.68432
#3	299.44	.31026	.22036	10.144	.41864	.29415	.03599	1.1088	.68588
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19304	.20619	6.174	.19588	6.8022	22.169			
Stddev	.00211	.00205	.023	.00054	.0177	.872			
%RSD	1.0915	.99279	.3729	.27663	.26082	3.9315			
#1	.19255	.20402	6.200	.19548	6.8215	21.188			
#2	.19122	.20809	6.168	.19650	6.7986	22.854			
#3	.19535	.20644	6.155	.19566	6.7865	22.466			

Sample Name: K1715-12MS Acquired: 3/4/2019 23:14:42 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-AMS 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	3592.5	39730.	3670.1	16.897	2896.9
Stddev	27.3	31.	29.1	.668	3.7
%RSD	.75985	.07765	.79167	3.9508	.12729
#1	3607.4	39694.	3672.0	16.175	2900.9
#2	3561.0	39751.	3698.1	17.492	2893.6
#3	3609.1	39744.	3640.1	17.025	2896.2

Sample Name: CCV13 Acquired: 3/4/2019 23:19:00 Type: Unk
Method: P4-ICP2(v2905) 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	4.7555	5.0000	4.9989	4.8180	4.8121	9.4787	10.030	.24548
Stddev	.0064	.0133	.0062	.0162	.0064	.1542	.062	.00061
%RSD	.13398	.26564	.12483	.33587	.13243	1.6271	.61384	.24925
#1	4.7490	4.9871	4.9948	4.8077	4.8052	9.3483	10.048	.24512
#2	4.7558	4.9993	4.9959	4.8096	4.8178	9.4388	10.081	.24515
#3	4.7618	5.0137	5.0061	4.8366	4.8133	9.6489	9.9613	.24619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4167	25.950	1.0158	2.4852	F 1.4011	F 5.5709	2.4691	24.754
Stddev	.0037	.069	.0042	.0034	.0024	.0277	.0051	.218
%RSD	.15173	.26727	.40881	.13825	.17105	.49690	.20765	.87905
#1	2.4161	25.993	1.0147	2.4843	1.3990	5.5924	2.4654	24.894
#2	2.4133	25.870	1.0124	2.4823	1.4005	5.5806	2.4670	24.504
#3	2.4206	25.988	1.0204	2.4890	1.4037	5.5397	2.4750	24.865
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.9022	F 1.4073	24.439	2.3608	2.5228	24.800	4.8847	F 4.3532
Stddev	.0119	.0063	.108	.0061	.0026	.164	.0034	.0086
%RSD	.40891	.45102	.44383	.25883	.10167	.66189	.07067	.19827
#1	2.9076	1.4009	24.465	2.3651	2.5252	24.713	4.8842	4.3511
#2	2.8886	1.4074	24.533	2.3538	2.5201	24.989	4.8815	4.3458
#3	2.9104	1.4136	24.321	2.3634	2.5231	24.698	4.8884	4.3627
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6163	4.8490	4.8398	4.6471	F 4.4943	4.879	F 4.1146	F 5.8319
Stddev	.0434	.0458	.0101	.0164	.0232	.032	.0276	.2500
%RSD	.94046	.94401	.20954	.35319	.51657	.6491	.67075	4.2862
#1	4.5925	4.8883	4.8466	4.6645	4.5166	4.861	4.1031	5.5928
#2	4.5899	4.8599	4.8281	4.6447	4.4960	4.861	4.1460	5.8115
#3	4.6664	4.7987	4.8446	4.6320	4.4702	4.916	4.0945	6.0914

Sample Name: CCV13 Acquired: 3/4/2019 23:19:00 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.1852
Stddev	.3937
%RSD	9.4066

#1	3.9571
#2	3.9587
#3	4.6398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.7	41400.	3656.5	17.139	2973.1
Stddev	3.4	132.	33.1	1.961	2.1
%RSD	.09081	.31983	.90528	11.442	.06900

#1	3739.9	41522.	3631.6	18.873	2972.0
#2	3733.1	41418.	3643.9	15.011	2975.5
#3	3737.2	41259.	3694.1	17.533	2971.8

Sample Name: CCB13 Acquired: 3/4/2019 23:23:01 Type: Unk
Method: P4-ICP2(v2905) 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	-.00173	.00288	-.00020	-.00244	-.00025	-.00819	-.01012
Stddev	.00036	.00099	.00098	.00144	.00013	.01496	.00469
%RSD	20.713	34.536	488.19	58.897	53.529	182.69	46.377

#1	-.00214	.00400	.00019	-.00079	-.00041	.00444	-.01335
#2	-.00154	.00209	-.00132	-.00313	-.00016	-.02471	-.01227
#3	-.00150	.00255	.00053	-.00341	-.00019	-.00430	-.00474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00017	-.02024	.00050	.00003	.00164	-.00034
Stddev	.00008	.00021	.01007	.00026	.00018	.00044	.00073
%RSD	46.289	127.53	49.755	52.419	679.71	27.059	213.90

#1	.00027	-.00011	-.02319	.00078	-.00011	.00162	-.00066
#2	.00014	-.00040	-.02851	.00047	.00022	.00209	.00049
#3	.00012	.00002	-.00902	.00026	-.00004	.00121	-.00086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.03624	-.00161	.00091	.04876	-.00048	-.00008
Stddev	.00010	.01797	.00037	.00042	.00930	.00027	.00006
%RSD	175.02	49.575	23.229	46.118	19.077	55.842	82.574

#1	-.00005	-.02559	-.00151	.00125	.03843	-.00079	-.00007
#2	.00008	-.02616	-.00130	.00102	.05140	-.00031	-.00002
#3	.00014	-.05699	-.00202	.00044	.05646	-.00034	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12893	.00021	-.00269	F -.02369	.00426	-.00140	-.00133
Stddev	.04906	.00028	.00639	.00702	.00253	.00088	.00305
%RSD	38.054	131.66	237.21	29.641	59.366	63.080	229.53

#1	.08136	.00040	-.00932	-.02200	.00435	-.00201	-.00295
#2	.12607	-.00011	.00342	-.01767	.00169	-.00180	.00219
#3	.17936	.00033	-.00218	-.03140	.00674	-.00039	-.00322

Sample Name: CCB13 Acquired: 3/4/2019 23:23:01 Type: Unk
Method: P4-ICP2(v2905) 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	-.00496	-.0013	-.00023	F 4.1276	F .06655
Stddev	.00275	.0015	.00016	.2027	.59809
%RSD	55.521	118.2	69.308	4.9106	898.69
#1	-.00272	.0005	-.00037	4.3005	-.22955
#2	-.00803	-.0022	-.00026	3.9045	-.32573
#3	-.00412	-.0020	-.00006	4.1777	.75492
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.2	42987.	3717.6	17.639	3390.6
Stddev	24.8	163.	8.3	1.622	25.0
%RSD	.64473	.37869	.22302	9.1981	.73865
#1	3826.7	42805.	3719.8	18.633	3361.7
#2	3875.8	43120.	3708.5	15.767	3404.7
#3	3845.1	43037.	3724.6	18.517	3405.5

Sample Name: K1715-12MSD Acquired: 3/4/2019 23:27:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-AMSD 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	.81398	1.9994	1.0365	2.0682	.82327	2.1854	.38123	.20976	.20302
Stddev	.00748	.0069	.0049	.0113	.00417	.0135	.00498	.00085	.00046
%RSD	.91911	.34390	.46777	.54562	.50648	.61644	1.3055	.40660	.22699

#1	.82247	1.9920	1.0310	2.0799	.82806	2.1729	.38686	.20908	.20261
#2	.81112	2.0055	1.0400	2.0574	.82130	2.1997	.37744	.21072	.20352
#3	.80836	2.0009	1.0385	2.0675	.82045	2.1836	.37938	.20949	.20293

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.188	.44488	.21732	.28208	8.0563	.86134	2.6501	.47087	.07176
Stddev	.079	.00172	.00042	.00187	.0370	.00169	.0317	.00204	.00046
%RSD	.77195	.38560	.19120	.66219	.45957	.19576	1.1966	.43364	.63889

#1	10.099	.44294	.21707	.28424	8.0266	.85975	2.6860	.47095	.07203
#2	10.249	.44549	.21780	.28093	8.0445	.86311	2.6260	.46879	.07123
#3	10.215	.44621	.21710	.28107	8.0978	.86117	2.6383	.47288	.07202

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	303.78	.30954	.22106	10.124	.42222	.27946	.04764	1.1248	.68645
Stddev	3.56	.00126	.00100	.060	.00177	.00735	.01188	.0162	.00189
%RSD	1.1703	.40721	.45013	.58846	.41812	2.6293	24.948	1.4370	.27508

#1	299.72	.30810	.22105	10.081	.42408	.28144	.03695	1.1148	.68622
#2	305.27	.31043	.22205	10.098	.42057	.28562	.06043	1.1161	.68844
#3	306.34	.31010	.22006	10.192	.42201	.27133	.04552	1.1434	.68469

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19483	.20074	6.201	.19635	6.6515	23.109
Stddev	.00117	.00092	.011	.00073	.1194	1.002
%RSD	.59877	.46031	.1709	.37377	1.7950	4.3339

#1	.19348	.19968	6.190	.19551	6.7021	22.058
#2	.19553	.20141	6.211	.19687	6.7372	23.214
#3	.19548	.20112	6.202	.19667	6.5151	24.053

Sample Name: K1715-12MSD Acquired: 3/4/2019 23:27:29 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-AMSD 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	3590.2	39604.	3619.3	16.758	2886.7
Stddev	22.1	119.	8.2	.307	6.4
%RSD	.61450	.29988	.22704	1.8331	.22177
#1	3565.5	39618.	3625.9	16.883	2884.1
#2	3596.9	39478.	3621.8	16.408	2882.0
#3	3608.1	39714.	3610.1	16.983	2894.0

Sample Name: K1715-12A Acquired: 3/4/2019 23:31:48 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81035	1.9902	1.0268	2.0546	.80999	2.2169	.38376	.20870	.20188
Stddev	.00360	.0058	.0032	.0055	.00409	.0082	.00424	.00035	.00017
%RSD	.44428	.29290	.31415	.26842	.50448	.36856	1.1042	.16648	.08641
#1	.80968	1.9837	1.0290	2.0599	.81465	2.2207	.37887	.20910	.20207
#2	.80712	1.9950	1.0283	2.0489	.80830	2.2224	.38629	.20847	.20182
#3	.81423	1.9918	1.0231	2.0551	.80701	2.2075	.38611	.20852	.20174
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.251	.44433	.21536	.28177	8.0128	.85640	2.6610	.46946	.07205
Stddev	.066	.00195	.00060	.00210	.0844	.00099	.0919	.00121	.00115
%RSD	.64402	.43921	.27727	.74401	1.0530	.11531	3.4519	.25774	1.5979
#1	10.194	.44248	.21569	.28419	7.9433	.85744	2.6391	.46969	.07076
#2	10.235	.44413	.21572	.28042	7.9884	.85629	2.5821	.47054	.07297
#3	10.323	.44637	.21467	.28071	8.1066	.85547	2.7619	.46815	.07242
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	300.98	.30920	.21958	10.212	.41742	.28498	.01476	1.1149	.68115
Stddev	4.65	.00451	.00111	.048	.00111	.02432	.02176	.0074	.00077
%RSD	1.5453	1.4574	.50479	.47351	.26590	8.5334	147.39	.66592	.11239
#1	295.64	.30652	.22022	10.191	.41716	.26035	.00349	1.1067	.68070
#2	303.22	.31440	.22022	10.178	.41647	.28561	.00095	1.1212	.68204
#3	304.09	.30667	.21830	10.267	.41864	.30897	.03985	1.1169	.68073
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19278	.20509	6.170	.19630	6.5747	21.619			
Stddev	.00195	.00055	.016	.00039	.3113	.133			
%RSD	1.0129	.26585	.2604	.20074	4.7343	.61592			
#1	.19208	.20560	6.188	.19647	6.6516	21.503			
#2	.19498	.20516	6.159	.19585	6.2322	21.591			
#3	.19127	.20451	6.163	.19658	6.8403	21.765			

Sample Name: K1715-12A Acquired: 3/4/2019 23:31:48 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.2	39921.	3666.4	17.981	2912.4
Stddev	14.3	40.	18.9	.755	7.8
%RSD	.39490	.10138	.51521	4.1972	.26926
#1	3616.2	39946.	3674.6	18.642	2904.7
#2	3642.6	39874.	3679.8	17.158	2920.4
#3	3619.8	39942.	3644.7	18.142	2912.1

Sample Name: K1659-02 Acquired: 3/4/2019 23:36:05 Type: Unk
Method: P4-ICP2(v2905) 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	.00362	-.00047	.00525	.00048	-.00061	.10547	.17336	.00026
Stddev	.00395	.00056	.00087	.00011	.00143	.01106	.00134	.00002
%RSD	109.01	117.48	16.503	23.045	234.33	10.488	.77296	8.6248

#1	.00550	-.00079	.00549	.00059	.00077	.10875	.17480	.00028
#2	-.00091	-.00080	.00596	.00037	-.00209	.11452	.17214	.00023
#3	.00627	.00017	.00428	.00048	-.00051	.09314	.17315	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	18.751	.00130	.01620	-.00030	.00148	.04017	5.7282
Stddev	.00013	.143	.00043	.00014	.00079	.00026	.00019	.0511
%RSD	31.853	.76407	32.966	.85286	260.82	17.827	.46741	.89153

#1	-.00054	18.588	.00088	.01604	.00028	.00176	.03997	5.6702
#2	-.00037	18.858	.00128	.01627	.00001	.00141	.04034	5.7478
#3	-.00029	18.806	.00173	.01629	-.00120	.00125	.04020	5.7665

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02717	.00047	50.518	.00446	.02044	3.3796	.00406	.02842
Stddev	.00094	.00035	.604	.00016	.00018	.0175	.00020	.00587
%RSD	3.4592	75.135	1.1958	3.6030	.89303	.51893	4.8387	20.647

#1	.02668	.00018	50.859	.00461	.02031	3.3850	.00383	.02663
#2	.02658	.00086	49.821	.00448	.02065	3.3938	.00421	.03497
#3	.02826	.00037	50.875	.00429	.02037	3.3600	.00413	.02365

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37017	9.2157	-.00065	-.00034	.00411	.1540	.21882	4.8433
Stddev	.01391	.0644	.00062	.00291	.00283	.0015	.00074	.1763
%RSD	3.7582	.69859	95.553	867.93	68.749	.9720	.33716	3.6406

#1	.37182	9.2838	-.00007	.00264	.00092	.1551	.21799	4.6450
#2	.38318	9.1559	-.00131	-.00048	.00631	.1547	.21940	4.9021
#3	.35551	9.2074	-.00058	-.00317	.00510	.1523	.21907	4.9826

Sample Name: K1659-02 Acquired: 3/4/2019 23:36:05 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.3703
 %RSD 160.16

#1 -.96288
 #2 -2.1691
 #3 .56522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.2	41866.	3716.1	16.870	3158.3
Stddev	13.3	139.	40.9	.305	7.6
%RSD	.35686	.33220	1.1015	1.8077	.24137

#1	3730.4	42004.	3681.3	16.707	3150.5
#2	3722.7	41869.	3761.2	17.222	3158.5
#3	3704.6	41726.	3705.7	16.682	3165.8

Sample Name: K1659-04 Acquired: 3/4/2019 23:40:32 Type: Unk
Method: P4-ICP2(v2905) 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	.00210	.00022	.00418	.00100	-.00210	.05022	.11145
Stddev	.00252	.00105	.00089	.00139	.00223	.00494	.00527
%RSD	119.80	489.53	21.374	138.57	105.86	9.8358	4.7317

#1	.00478	.00032	.00343	-.00024	-.00154	.04523	.10713
#2	.00175	-.00089	.00517	.00249	-.00456	.05510	.10989
#3	-.00022	.00121	.00393	.00074	-.00021	.05032	.11733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00038	14.712	.00333	.01093	-.00047	.01236
Stddev	.00005	.00012	.129	.00026	.00031	.00012	.00050
%RSD	81.349	30.867	.87978	7.8897	2.8800	26.415	4.0490

#1	.00010	-.00052	14.565	.00352	.01119	-.00060	.01178
#2	.00010	-.00033	14.809	.00344	.01058	-.00035	.01266
#3	.00000	-.00030	14.762	.00303	.01103	-.00045	.01263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03237	4.6987	.01799	.00082	45.763	.00204	.01711
Stddev	.00041	.1600	.00064	.00046	.200	.00059	.00015
%RSD	1.2722	3.4049	3.5726	55.908	.43781	29.107	.87901

#1	.03229	4.5485	.01785	.00089	45.783	.00235	.01696
#2	.03282	4.6807	.01869	.00033	45.554	.00135	.01712
#3	.03200	4.8669	.01743	.00123	45.953	.00241	.01726

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0321	.00253	.03375	.20306	7.4068	-.00057	-.00314
Stddev	.0557	.00029	.00630	.02373	.0135	.00049	.00304
%RSD	1.8368	11.281	18.659	11.687	.18162	86.237	97.038

#1	2.9762	.00285	.03308	.19407	7.4190	-.00108	-.00432
#2	3.0325	.00233	.04036	.22998	7.3924	-.00010	-.00541
#3	3.0876	.00239	.02782	.18514	7.4089	-.00054	.00032

Sample Name: K1659-04 Acquired: 3/4/2019 23:40:32 Type: Unk
 Method: P4-ICP2(v2905) 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	-.00543	.1120	.11597	4.9124	F<.00000
Stddev	.00114	.0014	.00118	.3889	.63116
%RSD	21.011	1.291	1.0170	7.9162	35.815

#1	-.00583	.1107	.11462	4.8478	-1.6003
#2	-.00632	.1116	.11680	4.5599	-2.4586
#3	-.00414	.1135	.11649	5.3296	-1.2279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.8	41681.	3718.4	16.806	3170.1
Stddev	9.3	123.	19.4	2.191	11.6
%RSD	.25146	.29434	.52159	13.039	.36519

#1	3703.8	41667.	3700.3	16.327	3176.3
#2	3709.5	41810.	3738.9	19.198	3177.3
#3	3722.0	41566.	3716.1	14.894	3156.8

Sample Name: K1659-06 Acquired: 3/4/2019 23:44:59 Type: Unk
Method: P4-ICP2(v2905) 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	.00301	.00011	.00473	.00146	-.00124	.06636	.11519
Stddev	.00237	.00132	.00048	.00155	.00060	.02342	.00724
%RSD	78.749	1231.3	10.121	106.19	48.767	35.297	6.2860

#1	.00571	.00131	.00519	.00175	-.00054	.05249	.11497
#2	.00201	.00032	.00423	-.00021	-.00155	.09340	.10806
#3	.00130	-.00131	.00478	.00285	-.00162	.05318	.12253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00033	15.468	.00135	.01068	.00026	.01114
Stddev	.00004	.00010	.183	.00053	.00024	.00048	.00071
%RSD	93.330	30.031	1.1807	39.423	2.2037	187.53	6.3611

#1	.00001	-.00032	15.303	.00196	.01094	.00051	.01034
#2	.00009	-.00044	15.438	.00112	.01048	-.00030	.01169
#3	.00003	-.00024	15.664	.00097	.01062	.00056	.01139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03183	5.1338	.01455	.00092	50.852	.00274	.02324
Stddev	.00013	.0755	.00036	.00085	.326	.00027	.00009
%RSD	.39617	1.4700	2.5078	92.680	.64023	9.9687	.39589

#1	.03184	5.0565	.01497	.00010	50.767	.00303	.02314
#2	.03170	5.1377	.01434	.00181	50.578	.00248	.02331
#3	.03196	5.2073	.01433	.00085	51.212	.00272	.02329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3091	.00285	.03456	.37530	8.0508	-.00162	-.00041
Stddev	.0321	.00022	.01309	.01554	.0336	.00090	.00219
%RSD	.97124	7.6230	37.876	4.1396	.41672	55.395	530.35

#1	3.2749	.00267	.02409	.37758	8.0612	-.00094	-.00205
#2	3.3138	.00279	.03036	.35875	8.0133	-.00129	-.00127
#3	3.3386	.00309	.04924	.38956	8.0780	-.00264	.00208

Sample Name: K1659-06 Acquired: 3/4/2019 23:44:59 Type: Unk
Method: P4-ICP2(v2905) 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	-.00311	.1229	.11289	5.2725	F<.00000
Stddev	.00145	.0021	.00068	.0610	.22282
%RSD	46.678	1.679	.59826	1.1567	13.584
#1	-.00389	.1244	.11258	5.3276	-1.8262
#2	-.00144	.1237	.11242	5.2070	-1.3933
#3	-.00400	.1205	.11366	5.2830	-1.7016
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.0	41460.	3653.2	16.729	3143.8
Stddev	14.2	79.	18.4	.676	5.5
%RSD	.38478	.18962	.50428	4.0410	.17592
#1	3703.8	41400.	3650.2	17.467	3141.5
#2	3676.3	41549.	3672.9	16.140	3139.8
#3	3684.0	41431.	3636.4	16.580	3150.1

Sample Name: K1659-09 Acquired: 3/4/2019 23:49:26 Type: Unk
Method: P4-ICP2(v2905) 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	.00274	-.00023	.00581	.00272	.00068	.06235	.08970	.00014
Stddev	.00081	.00136	.00080	.00421	.00094	.00544	.00168	.00008
%RSD	29.471	578.03	13.777	155.06	137.14	8.7252	1.8737	57.617
#1	.00187	-.00076	.00542	-.00178	-.00034	.05641	.08777	.00018
#2	.00286	-.00125	.00673	.00336	.00089	.06709	.09046	.00005
#3	.00347	.00131	.00527	.00657	.00150	.06355	.09086	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	14.843	.00161	.00765	.00020	-.00052	.02668	4.8101
Stddev	.00006	.145	.00029	.00011	.00043	.00019	.00003	.0537
%RSD	13.095	.98029	18.120	1.3856	220.98	36.357	.11494	1.1154
#1	-.00051	14.675	.00188	.00770	.00064	-.00071	.02665	4.7591
#2	-.00040	14.924	.00166	.00753	-.00023	-.00052	.02671	4.8052
#3	-.00043	14.929	.00130	.00772	.00018	-.00033	.02669	4.8661
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01186	.00080	48.879	.00211	.01414	3.1545	.00192	.02297
Stddev	.00087	.00072	.393	.00054	.00007	.0154	.00021	.00525
%RSD	7.3302	89.738	.80307	25.483	.50915	.48937	11.139	22.853
#1	.01210	.00155	48.449	.00238	.01421	3.1415	.00209	.02803
#2	.01089	.00074	49.217	.00246	.01407	3.1716	.00168	.01755
#3	.01258	.00011	48.972	.00149	.01413	3.1505	.00199	.02333
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49521	7.7373	-.00076	-.00101	-.00472	.1066	.09237	5.0433
Stddev	.02027	.0329	.00095	.00238	.00328	.0022	.00077	.0841
%RSD	4.0940	.42577	124.88	234.48	69.423	2.023	.83579	1.6670
#1	.51060	7.6993	.00034	.00137	-.00823	.1067	.09154	4.9774
#2	.47224	7.7569	-.00130	-.00103	-.00420	.1086	.09307	5.0145
#3	.50279	7.7558	-.00133	-.00338	-.00174	.1043	.09251	5.1380

Sample Name: K1659-09 Acquired: 3/4/2019 23:49:26 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .82336
%RSD 147.55

#1 .19279
#2 -.42834
#3 -1.4385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.4	41638.	3678.3	17.747	3174.7
Stddev	37.0	129.	25.5	.681	25.4
%RSD	.99393	.31082	.69287	3.8347	.79940

#1	3695.3	41697.	3684.0	17.972	3183.5
#2	3705.1	41490.	3650.5	18.286	3146.0
#3	3763.7	41728.	3700.5	16.982	3194.4

Sample Name: K1656-01 Acquired: 3/4/2019 23:53:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7990 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01190	.00323	.02508	.00045	-.00503	.02378	.36718	.00019
Stddev	.00264	.00075	.00190	.00321	.00126	.01408	.00259	.00002
%RSD	22.169	23.264	7.5854	711.43	25.088	59.209	.70534	10.734

#1	.00901	.00341	.02289	.00216	-.00632	.02707	.36810	.00017
#2	.01417	.00387	.02628	.00243	-.00496	.03593	.36918	.00021
#3	.01251	.00240	.02608	-.00325	-.00380	.00835	.36426	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	185.85	.00099	-.00059	.00130	.71148	.00939	81.145
Stddev	.00008	1.69	.00030	.00018	.00092	.01886	.00011	.227
%RSD	12.231	.90787	30.031	30.712	70.901	2.6514	1.1537	.27952

#1	-.00075	186.19	.00065	-.00046	.00147	.73200	.00952	80.972
#2	-.00059	184.02	.00116	-.00052	.00212	.69490	.00932	81.061
#3	-.00063	187.35	.00117	-.00080	.00031	.70753	.00933	81.402

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	-.00100	63.517	.00911	.01627	2.7742	.00209	.41830
Stddev	.00014	.00027	.595	.00045	.00013	.0359	.00018	.01648
%RSD	4.2233	27.553	.93640	4.9534	.79874	1.2943	8.5356	3.9391

#1	-.00354	-.00071	63.967	.00963	.01620	2.8154	.00196	.43319
#2	-.00326	-.00103	62.842	.00881	.01642	2.7497	.00229	.40060
#3	-.00341	-.00125	63.741	.00890	.01619	2.7574	.00201	.42110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.990	F 31.500	-.01280	-.00898	.04735	.0804	2.4122	5.1804
Stddev	.165	.220	.00151	.00166	.00176	.0000	.0211	.2712
%RSD	.45893	.69984	11.779	18.486	3.7252	.0307	.87295	5.2358

#1	35.834	31.655	-.01219	-.00842	.04579	.0804	2.4065	4.8679
#2	36.163	31.248	-.01452	-.00767	.04926	.0804	2.3945	5.3537
#3	35.972	31.598	-.01170	-.01085	.04701	.0805	2.4355	5.3197

Sample Name: K1656-01 Acquired: 3/4/2019 23:53:54 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7990 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.16314
Stddev	1.3866
%RSD	849.95

#1	1.4666
#2	-1.2939
#3	.31666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3693.6	41050.	3704.3	18.000	2996.2
Stddev	8.5	89.	19.9	1.543	7.8
%RSD	.23006	.21674	.53804	8.5716	.26096

#1	3695.5	41140.	3686.2	18.653	3005.2
#2	3701.1	41048.	3725.6	16.238	2991.4
#3	3684.4	40962.	3701.0	19.109	2992.0

Sample Name: K1656-03 Acquired: 3/4/2019 23:58:19 Type: Unk
Method: P4-ICP2(v2905) 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	-.00425	-.00134	.03616	-.00044	-.00231	1.1508	.37858
Stddev	.00285	.00235	.00094	.00369	.00148	.0267	.00158
%RSD	67.010	174.49	2.6000	832.26	64.071	2.3208	.41858

#1	-.00352	-.00193	.03639	-.00256	-.00394	1.1715	.37989
#2	-.00739	-.00334	.03512	.00382	-.00106	1.1603	.37904
#3	-.00184	.00124	.03696	-.00259	-.00192	1.1206	.37682

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00014	392.58	-.00393	.05800	.01044	3.2645
Stddev	.00012	.00010	3.82	.00040	.00014	.00131	.0159
%RSD	55.969	74.833	.97226	10.300	.24536	12.571	.48596

#1	.00018	.00005	390.72	-.00346	.05809	.01154	3.2463
#2	.00033	.00025	390.05	-.00416	.05808	.01078	3.2715
#3	.00011	.00011	396.97	-.00416	.05784	.00899	3.2756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1814	145.60	.01996	-.00007	1621.0	-.00442	.08390
Stddev	.0312	.88	.00086	.00015	14.0	.00042	.00028
%RSD	.33963	.60456	4.2989	221.28	.86115	9.4637	.33604

#1	9.2025	144.80	.02084	.00010	1636.4	-.00490	.08408
#2	9.1961	145.46	.01991	-.00010	1609.3	-.00420	.08405
#3	9.1456	146.54	.01913	-.00020	1617.3	-.00416	.08357

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9785	.00045	2.4590	F 38.218	F 20.506	-.00910	.02427
Stddev	.1090	.00018	.0176	.307	.191	.00132	.00314
%RSD	1.0920	40.586	.71697	.80371	.93260	14.460	12.923

#1	9.8681	.00035	2.4436	38.477	20.368	-.00858	.02094
#2	9.9813	.00065	2.4782	38.297	20.425	-.00813	.02717
#3	10.086	.00033	2.4553	37.879	20.724	-.01060	.02468

Sample Name: K1656-03 Acquired: 3/4/2019 23:58:19 Type: Unk
 Method: P4-ICP2(v2905) 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	.05188	.0902	2.4919	9.3328	F<.00000
Stddev	.00129	.0005	.0237	.2369	1.7368
%RSD	2.4789	.5018	.95071	2.5384	125.09
#1	.05099	.0897	2.4811	9.6016	-3.3357
#2	.05130	.0906	2.4755	9.2425	-.83004
#3	.05336	.0904	2.5190	9.1543	.00048
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.6	35205.	3598.8	16.975	2370.7
Stddev	8.4	126.	30.3	1.324	8.0
%RSD	.25488	.35881	.84075	7.7978	.33807
#1	3293.4	35098.	3623.9	17.279	2370.4
#2	3283.8	35172.	3607.2	15.525	2362.9
#3	3300.5	35344.	3565.2	18.120	2378.9

Sample Name: K1656-05 Acquired: 3/5/2019 0:02:58 Type: Unk
Method: P4-ICP2(v2905) 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	-.00152	.00213	.01040	-.00254	-.00237	.04830	.05240	.00033
Stddev	.00133	.00074	.00099	.00308	.00127	.01977	.00864	.00003
%RSD	87.294	34.497	9.5564	121.10	53.423	40.925	16.492	9.3009
#1	-.00093	.00132	.01078	-.00589	-.00350	.02595	.04423	.00033
#2	-.00059	.00231	.00927	-.00192	-.00262	.05544	.06145	.00036
#3	-.00304	.00276	.01115	.00018	-.00100	.06350	.05153	.00029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	31.844	-.00025	.00234	-.00001	7.6705	.13023	13.785
Stddev	.00013	.107	.00021	.00038	.00060	.0125	.00095	.139
%RSD	14.128	.33687	85.718	16.064	4689.1	.16329	.73032	1.0061
#1	-.00089	31.928	-.00007	.00266	-.00065	7.6771	.13132	13.945
#2	-.00101	31.881	-.00019	.00193	.00054	7.6560	.12982	13.708
#3	-.00076	31.723	-.00048	.00245	.00007	7.6782	.12956	13.701
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00116	146.50	.00124	.01311	1.0776	-.00003	.10616
Stddev	.00105	.00084	.69	.00022	.00006	.0167	.00037	.00290
%RSD	143.76	72.594	.47110	17.584	.42693	1.5512	1208.4	2.7326
#1	.00149	.00201	147.14	.00108	.01310	1.0922	-.00036	.10879
#2	-.00047	.00113	145.77	.00149	.01318	1.0594	-.00010	.10664
#3	.00117	.00033	146.60	.00116	.01307	1.0814	.00036	.10305
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9180	F 17.536	-.00273	-.00092	-.00159	.1312	.21046	5.3589
Stddev	.0157	.011	.00081	.00161	.00101	.0010	.00103	.4025
%RSD	.17651	.06261	29.694	175.38	63.640	.7460	.48764	7.5108
#1	8.9151	17.548	-.00236	-.00224	-.00106	.1304	.21157	4.8986
#2	8.9350	17.526	-.00366	-.00140	-.00276	.1309	.21029	5.6447
#3	8.9039	17.535	-.00217	.00088	-.00096	.1323	.20954	5.5334

Sample Name: K1656-05 Acquired: 3/5/2019 0:02:58 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.943
Stddev	1.083
%RSD	7.2453

#1	14.853
#2	13.908
#3	16.067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.2	41177.	3711.8	18.236	3067.8
Stddev	15.0	158.	5.9	1.951	2.9
%RSD	.40107	.38381	.15970	10.700	.09417

#1	3746.1	41343.	3715.9	19.408	3070.1
#2	3765.5	41028.	3714.5	19.316	3068.7
#3	3735.9	41161.	3705.0	15.983	3064.5

Sample Name: K1656-07 Acquired: 3/5/2019 0:07:24 Type: Unk
Method: P4-ICP2(v2905) 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	-.00075	.00090	.01816	-.00031	-.00446	.03387	.15961	.00017
Stddev	.00256	.00137	.00199	.00217	.00185	.01873	.00679	.00005
%RSD	343.61	152.54	10.945	696.84	41.415	55.319	4.2553	32.847

#1	-.00198	-.00050	.02045	-.00117	-.00392	.05486	.15341	.00016
#2	-.00245	.00096	.01699	.00216	-.00651	.02790	.16687	.00011
#3	.00220	.00225	.01703	-.00192	-.00294	.01884	.15856	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	103.36	.00085	-.00025	-.00049	2.3048	1.5291	34.224
Stddev	.00010	.39	.00035	.00035	.00069	.0110	.0014	.182
%RSD	15.048	.38048	41.857	140.53	138.65	.47755	.08921	.53058

#1	-.00070	102.92	.00058	.00013	-.00076	2.2993	1.5307	34.029
#2	-.00055	103.67	.00071	-.00033	-.00101	2.2976	1.5283	34.388
#3	-.00074	103.49	.00125	-.00056	.00028	2.3175	1.5283	34.254

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00049	99.382	.00076	.01527	2.6661	.02635	.26980
Stddev	.00068	.00038	.546	.00063	.00010	.0390	.00044	.00576
%RSD	40.280	78.010	.54967	82.827	.67881	1.4635	1.6657	2.1356

#1	.00125	.00005	98.837	.00117	.01528	2.6283	.02625	.26521
#2	.00133	.00068	99.380	.00004	.01537	2.6639	.02683	.27627
#3	.00246	.00073	99.929	.00107	.01516	2.7062	.02596	.26793

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.419	F 23.842	-.00474	-.00398	.03285	.5000	.54121	5.3546
Stddev	.046	.089	.00035	.00105	.00218	.0043	.00348	.1484
%RSD	.34475	.37372	7.3243	26.230	6.6221	.8665	.64392	2.7716

#1	13.410	23.898	-.00434	-.00319	.03465	.4950	.53724	5.2697
#2	13.378	23.888	-.00490	-.00360	.03346	.5022	.54265	5.2681
#3	13.469	23.739	-.00498	-.00517	.03043	.5028	.54375	5.5259

Sample Name: K1656-07 Acquired: 3/5/2019 0:07:24 Type: Unk
 Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.6647
Stddev	.4745
%RSD	12.947

#1	4.2039
#2	3.3110
#3	3.4792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.1	40738.	3664.9	17.852	3036.6
Stddev	10.2	93.	5.5	1.656	11.1
%RSD	.27312	.22850	.14955	9.2760	.36491

#1	3732.0	40756.	3664.8	18.703	3048.4
#2	3711.9	40820.	3659.5	15.943	3026.3
#3	3719.5	40637.	3670.5	18.908	3035.1

Sample Name: CCV14 Acquired: 3/5/2019 0:11:51 Type: Unk
Method: P4-ICP2(v2905) 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	4.6923	4.9766	4.9516	4.7714	4.7798	9.6291	10.039	.24574
Stddev	.0231	.0271	.0265	.0369	.0257	.0783	.100	.00084
%RSD	.49195	.54416	.53525	.77409	.53713	.81299	.99936	.34042
#1	4.7186	4.9948	4.9725	4.8040	4.8050	9.6721	10.025	.24670
#2	4.6834	4.9894	4.9605	4.7788	4.7808	9.6765	9.9462	.24517
#3	4.6751	4.9454	4.9218	4.7313	4.7537	9.5388	10.145	.24534
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3907	26.062	1.0165	2.4604	F 1.3927	F 5.5414	2.4684	24.567
Stddev	.0141	.111	.0028	.0140	.0079	.0654	.0035	.145
%RSD	.58998	.42570	.27721	.56837	.56585	1.1798	.14193	.59166
#1	2.4046	25.989	1.0183	2.4733	1.4004	5.5228	2.4718	24.488
#2	2.3913	26.007	1.0179	2.4625	1.3929	5.4873	2.4685	24.479
#3	2.3764	26.189	1.0132	2.4455	1.3847	5.6140	2.4648	24.735
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.8925	F 1.4184	24.351	2.3607	2.5106	24.838	4.8244	F 4.4059
Stddev	.0164	.0031	.264	.0033	.0217	.372	.0314	.0303
%RSD	.56706	.21703	1.0842	.13802	.86513	1.4976	.64980	.68764
#1	2.9073	1.4210	24.256	2.3615	2.5301	24.758	4.8575	4.3953
#2	2.8952	1.4191	24.148	2.3571	2.5145	24.513	4.8205	4.3823
#3	2.8749	1.4150	24.650	2.3635	2.4872	25.244	4.7951	4.4401
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6341	4.8385	4.7994	4.6555	F 4.4952	4.871	F 4.1286	F 6.3859
Stddev	.0402	.0631	.0437	.0263	.0444	.022	.0456	.0314
%RSD	.86660	1.3033	.91123	.56551	.98692	.4629	1.1039	.49127
#1	4.6765	4.8436	4.8160	4.6442	4.4801	4.892	4.1153	6.4202
#2	4.6291	4.7730	4.8323	4.6367	4.4604	4.873	4.0912	6.3587
#3	4.5967	4.8988	4.7497	4.6856	4.5452	4.847	4.1794	6.3787

Sample Name: CCV14 Acquired: 3/5/2019 0:11:51 Type: Unk
Method: P4-ICP2(v2905) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1751
Stddev .8222
%RSD 19.693

#1 4.0131
#2 5.0662
#3 3.4459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.7	40684.	3630.5	17.127	2965.2
Stddev	23.4	94.	46.6	2.271	20.6
%RSD	.62642	.23005	1.2835	13.257	.69455

#1	3711.9	40584.	3634.4	19.130	2944.6
#2	3736.6	40697.	3675.0	17.591	2965.2
#3	3758.6	40770.	3582.1	14.661	2985.8

Sample Name: CCB14 Acquired: 3/5/2019 0:15:51 Type: Unk
Method: P4-ICP2(v2905) 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	-.00210	.00088	-.00038	-.00083	-.00179	-.00684	-.00508
Stddev	.00537	.00095	.00082	.00285	.00058	.02401	.00238
%RSD	255.30	107.23	216.75	343.25	32.508	351.17	46.793

#1	-.00485	.00051	.00052	.00232	-.00119	-.03232	-.00423
#2	-.00554	.00018	-.00109	-.00322	-.00235	-.00356	-.00776
#3	.00408	.00196	-.00056	-.00159	-.00183	.01537	-.00324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00019	-.03073	-.00002	-.00025	.00069	-.00050
Stddev	.00004	.00002	.01397	.00064	.00022	.00066	.00270
%RSD	24.756	10.845	45.460	3745.6	88.986	96.188	543.57

#1	.00020	-.00017	-.01466	.00072	-.00013	.00022	-.00360
#2	.00012	-.00018	-.03998	-.00048	-.00050	.00144	.00085
#3	.00016	-.00021	-.03754	-.00029	-.00011	.00040	.00126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.02681	-.00127	.00116	.13090	.00011	-.00021
Stddev	.00008	.02363	.00095	.00039	.01310	.00025	.00008
%RSD	94.594	88.147	74.834	33.169	10.006	219.15	38.090

#1	.00010	-.00742	-.00235	.00136	.14525	.00040	-.00017
#2	.00016	-.05314	-.00054	.00072	.11957	.00003	-.00016
#3	-.00000	-.01988	-.00093	.00141	.12789	-.00008	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14196	.00015	-.00280	F -.01715	.00438	-.00149	-.00013
Stddev	.01400	.00015	.00879	.01106	.00236	.00046	.00117
%RSD	9.8603	100.71	313.70	64.476	53.820	31.011	918.67

#1	.12733	.00032	-.00215	-.01707	.00396	-.00170	.00116
#2	.14332	.00006	-.01190	-.02825	.00691	-.00181	-.00112
#3	.15522	.00007	.00564	-.00614	.00226	-.00096	-.00042

Sample Name: CCB14 Acquired: 3/5/2019 0:15:51 Type: Unk
 Method: P4-ICP2(v2905) 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	-.00446	.0002	-.00045	F 4.3562	F .16086
Stddev	.00225	.0014	.00009	.3201	1.4104
%RSD	50.355	648.9	20.773	7.3472	876.78
#1	-.00336	-.0013	-.00045	4.2428	.74880
#2	-.00705	.0015	-.00036	4.1083	1.1821
#3	-.00298	.0005	-.00054	4.7176	-1.4484
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3787.2	42295.	3679.1	19.283	3333.3
Stddev	12.9	227.	17.8	.936	18.8
%RSD	.33964	.53710	.48401	4.8549	.56436
#1	3773.1	42410.	3680.3	19.117	3311.6
#2	3790.5	42442.	3660.7	18.442	3343.1
#3	3798.2	42034.	3696.3	20.292	3345.2