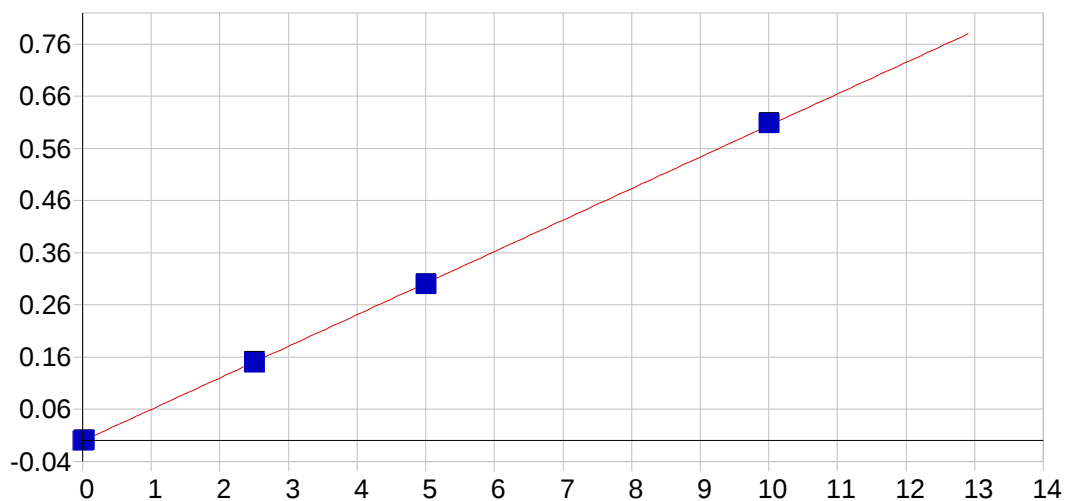




As 189.042 {478}

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000442

Re-Slope: 1.000000

A1 (Gain): 0.060462

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999967

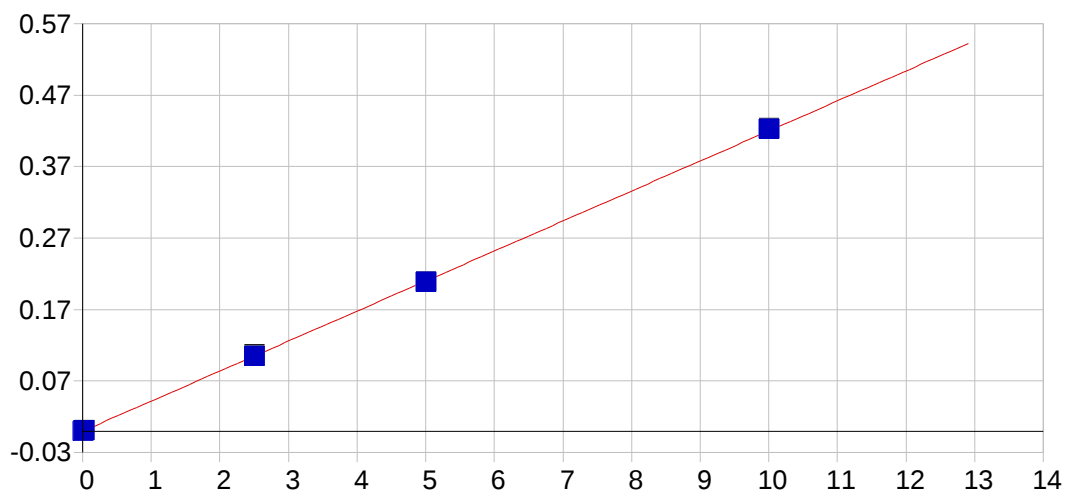
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.002994

Predicted MQL: 0.009979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00044	.000	1
S1	.02000	.02104	.001	5.21	.00083	.000	1
S3	2.5000	2.4746	-.025	-1.02	.14917	.003	1
S4	5.0000	4.9562	-.044	-.877	.29920	.001	1
S5	10.000	10.068	.068	.682	.60826	.001	1



As 189.042 {479}

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

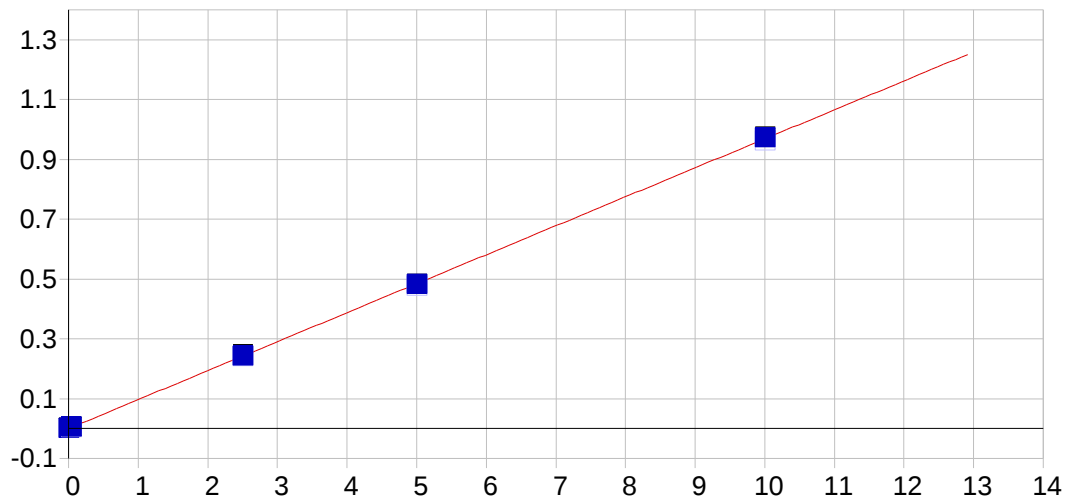
Weighting: 1/Conc

A0 (Offset): -0.000187

Re-Slope: 1.000000

A1 (Gain): 0.042007 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002794
 Predicted MQL: 0.009314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.02000	.02233	.002	11.6	.00075	.000	1
S3	2.5000	2.4830	-.017	-.680	.10412	.002	1
S4	5.0000	4.9505	-.049	-.989	.20777	.000	1
S5	10.000	10.064	.064	.641	.42258	.001	1

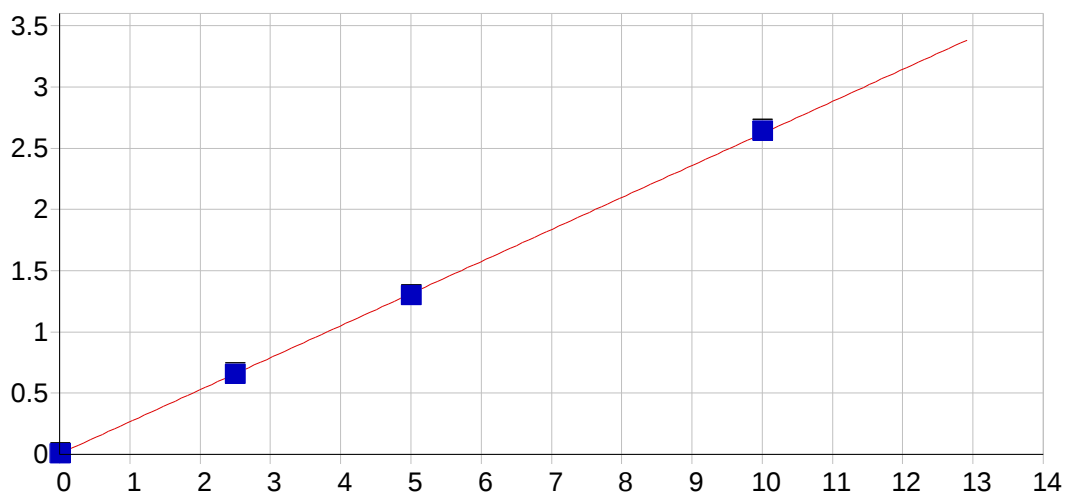


TI 190.856 {477}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.096876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.001613
 Predicted MQL: 0.005375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.04000	.04003	.000	.086	.00371	.000	1
S3	2.5000	2.5007	.001	.030	.23971	.004	1
S4	5.0000	4.9709	-.029	-.582	.47653	.001	1
S5	10.000	10.028	.028	.283	.96150	.002	1

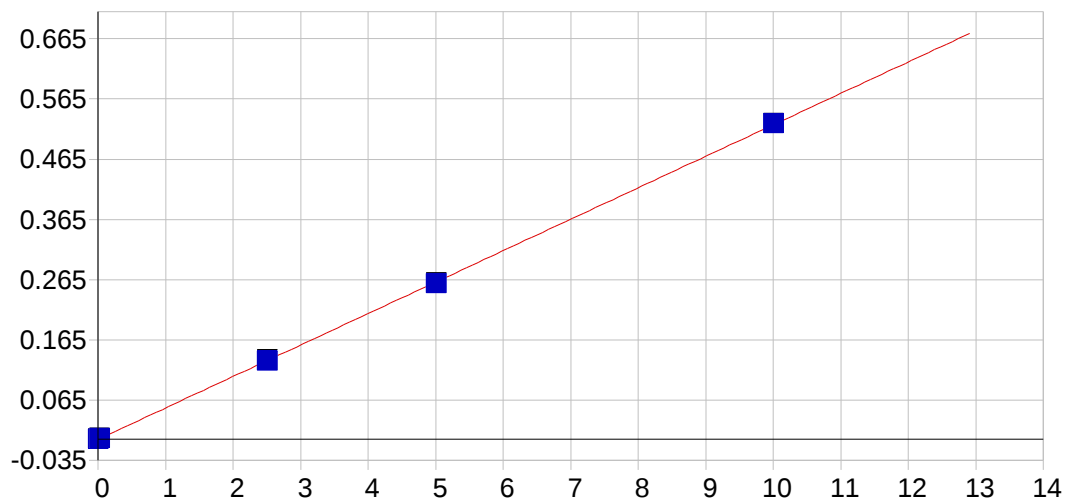


Pb 220.353 {453}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004616 Re-Slope: 1.000000
 A1 (Gain): 0.261528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.001020
 Predicted MQL: 0.003398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00462	.000	1
S1	.01200	.01151	-.000	-4.07	.00757	.000	1
S3	2.5000	2.4741	-.026	-1.04	.65083	.011	1
S4	5.0000	4.9451	-.055	-1.10	1.2963	.003	1
S5	10.000	10.081	.081	.813	2.6379	.011	1



Se 196.090 {472}

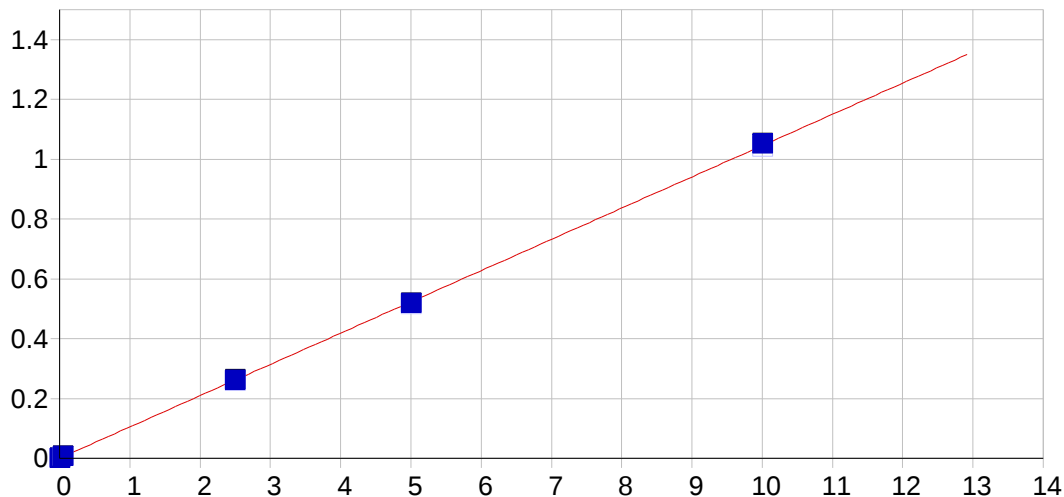
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000337 Re-Slope: 1.000000
 A1 (Gain): 0.052233 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000007
 Predicted MDL: 0.003253
 Predicted MQL: 0.010844

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.02000	.02059	.001	2.96	.00074	.000	1
S3	2.5000	2.4996	-.000	-.016	.13016	.002	1
S4	5.0000	4.9595	-.040	-.809	.25858	.001	1
S5	10.000	10.040	.040	.403	.52382	.000	1



Sb 206.833 {463}

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

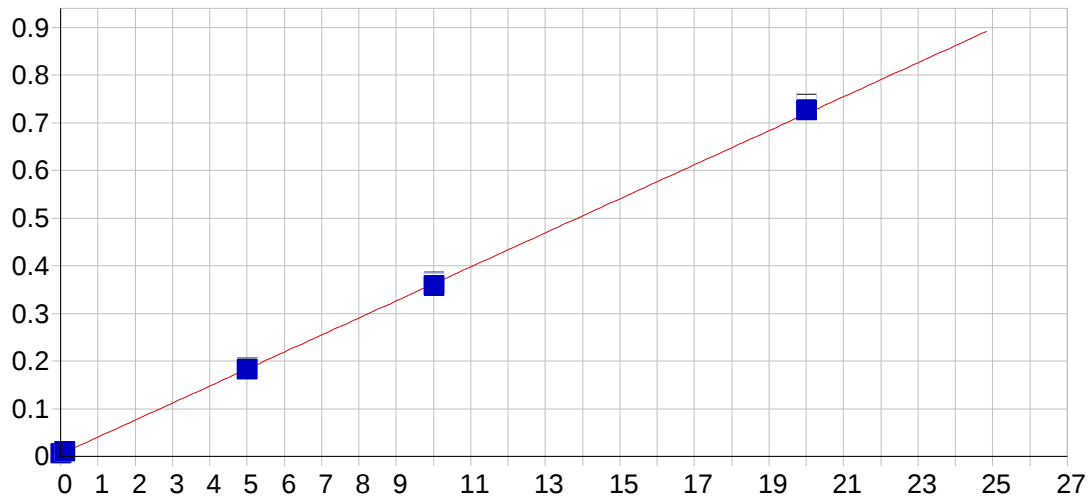
Weighting: 1/Conc

A0 (Offset): 0.000529
 A1 (Gain): 0.104495
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000025
 Predicted MDL: 0.001978
 Predicted MQL: 0.006594

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.05000	.05122	.001	2.44	.00575	.000	1
S3	2.5000	2.4904	-.010	-.384	.25783	.003	1
S4	5.0000	4.9572	-.043	-.856	.51266	.000	1
S5	10.000	10.051	.051	.512	1.0391	.002	1

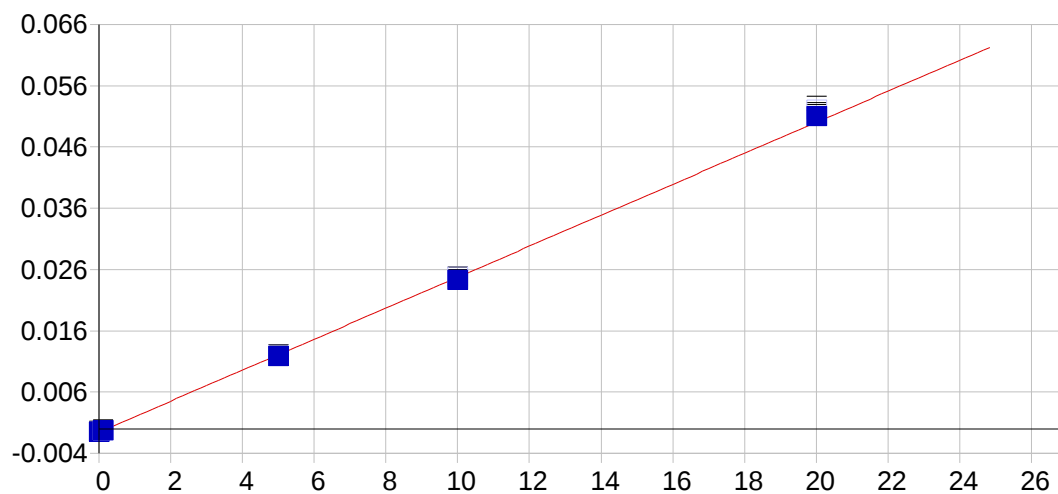


AI 308.215 {109}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004725 Re-Slope: 1.000000
 A1 (Gain): 0.035716 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.003181
 Predicted MQL: 0.010602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00472	.000	1
S1	.10000	.11232	.012	12.3	.00898	.000	1
S3	5.0000	4.9481	-.052	-1.04	.18501	.000	1
S4	10.000	9.8716	-.128	-1.28	.36441	.000	1
S5	20.000	20.167	.167	.837	.73925	.001	1



AI 309.271 {109}

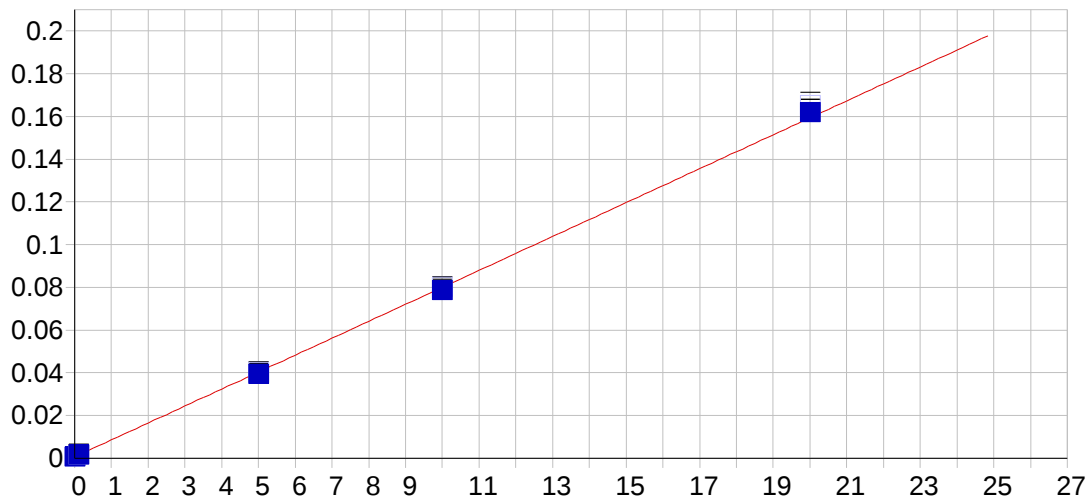
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000543 Re-Slope: 1.000000
 A1 (Gain): 0.002529 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781
 Std Error of Est: 0.000004
 Predicted MDL: 0.029939
 Predicted MQL: 0.099796

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00054	.000	1
S1	.10000	.08992	-.010	-10.1	-.00030	.000	1
S3	5.0000	4.8529	-.147	-2.94	.01198	.000	1
S4	10.000	9.7970	-.203	-2.03	.02474	.000	1
S5	20.000	20.361	.361	1.80	.05195	.001	1

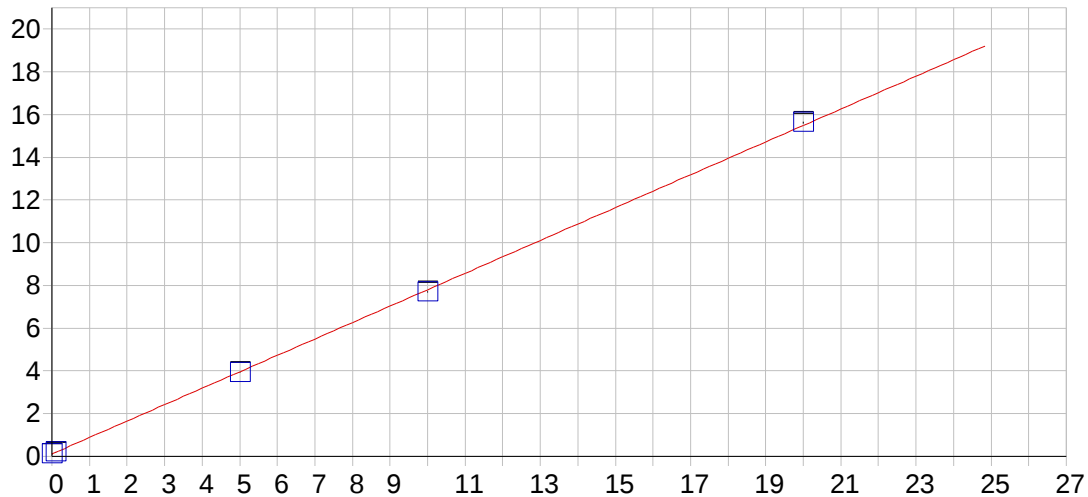


AI 396.152 { 85}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000683 Re-Slope: 1.000000
 A1 (Gain): 0.007934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.015081
 Predicted MQL: 0.050271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00068	.000	1
S1	.10000	.11201	.012	12.0	.00163	.000	1
S3	5.0000	4.8775	-.123	-2.45	.04017	.000	1
S4	10.000	9.8014	-.199	-1.99	.08003	.000	1
S5	20.000	20.309	.309	1.54	.16497	.002	1

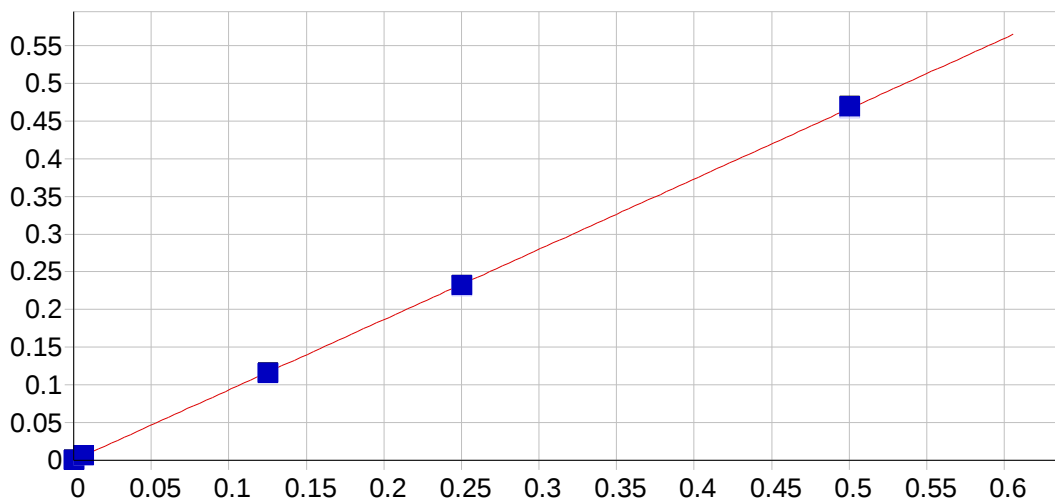


Ba 493.409 { 68}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.115793 Re-Slope: 1.000000
 A1 (Gain): 0.768694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000638
 Predicted MDL: 0.004418
 Predicted MQL: 0.014726

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.11579	.003	1
S1	.10000	.10385	.004	3.85	.19562	.002	1
S3	5.0000	4.9564	-.044	-.872	3.9257	.016	1
S5	20.000	20.180	.180	.902	15.628	.042	1
S4	10.000	9.8593	-.141	-1.41	7.6946	.031	1



Be 234.861 {144}

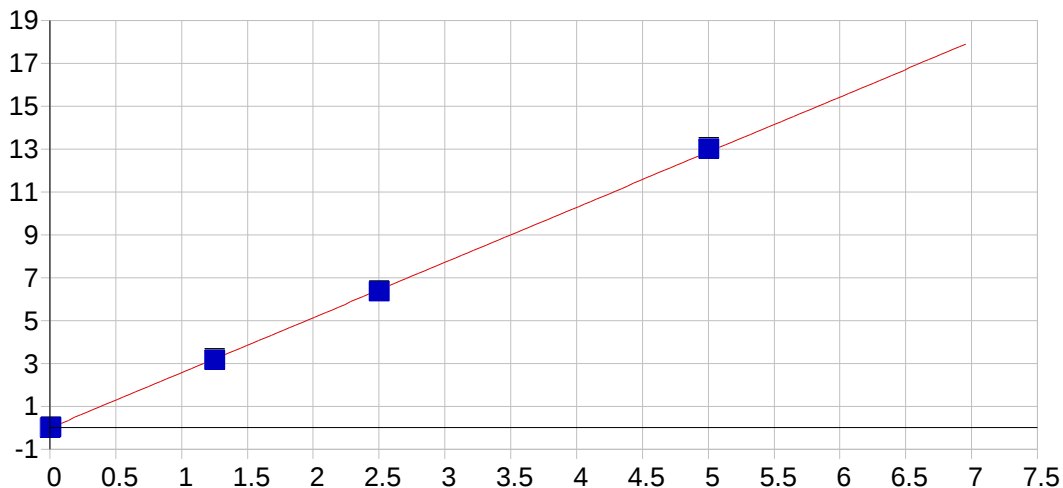
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000135 Re-Slope: 1.000000
 A1 (Gain): 0.932082 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000027
 Predicted MDL: 0.000075
 Predicted MQL: 0.000250

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00600	.00652	.001	8.63	.00615	.000	1
S3	.12500	.12369	-.001	-1.05	.11469	.000	1
S4	.25000	.24811	-.002	-.755	.22993	.001	1
S5	.50000	.50268	.003	.536	.46574	.000	1



Cd 226.502 {449}

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

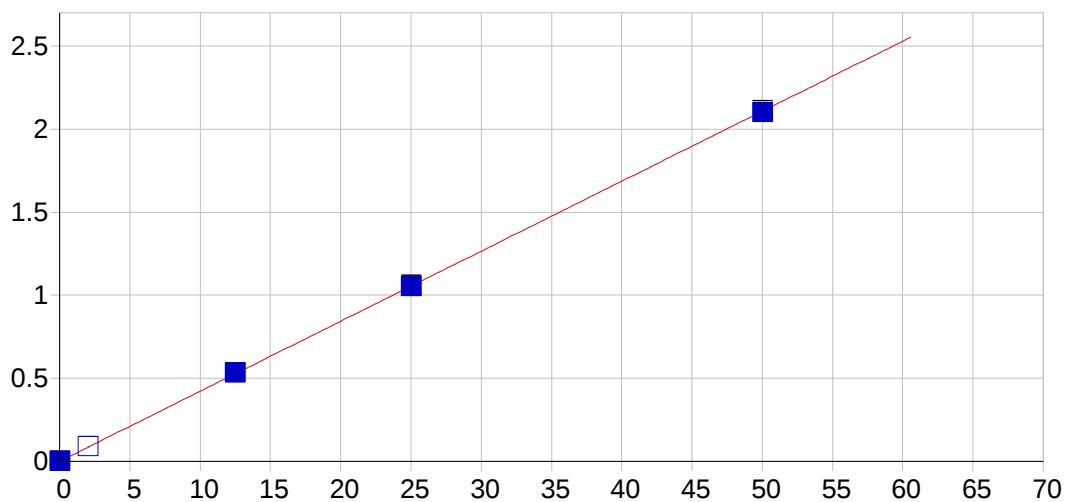
Weighting: 1/Conc

A0 (Offset): -0.002411
 A1 (Gain): 2.572767
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000296
 Predicted MDL: 0.000108
 Predicted MQL: 0.000361

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	-.00241	.000	1
S1	.00600	.00601	.000	.089	.01307	.000	1
S3	1.2500	1.2269	-.023	-1.85	3.1548	.045	1
S4	2.5000	2.4706	-.029	-1.18	6.3553	.008	1
S5	5.0000	5.0525	.053	1.05	13.000	.057	1

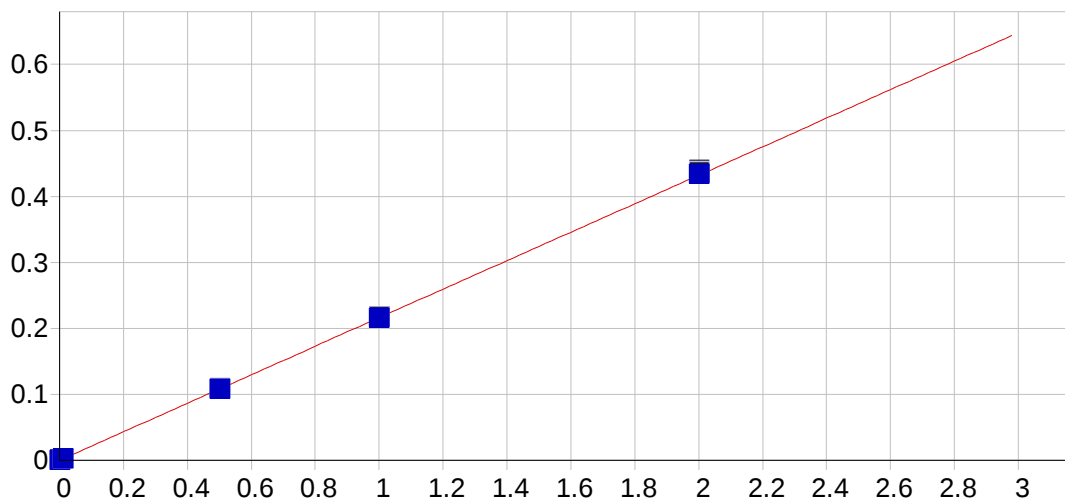


Ca 373.690 { 90}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.042139 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000216
 Predicted MDL: 0.019940
 Predicted MQL: 0.066465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1173	.117	5.87	.08953	.001	1
S0	.00000	-.00012	-.000	.000	.00030	.000	1
S3	12.500	12.576	.076	.608	.53053	.002	1
S4	25.000	24.957	-.043	-.172	1.0525	.006	1
S5	50.000	49.850	-.150	-.301	2.1020	.008	1



Cr 267.716 {126}

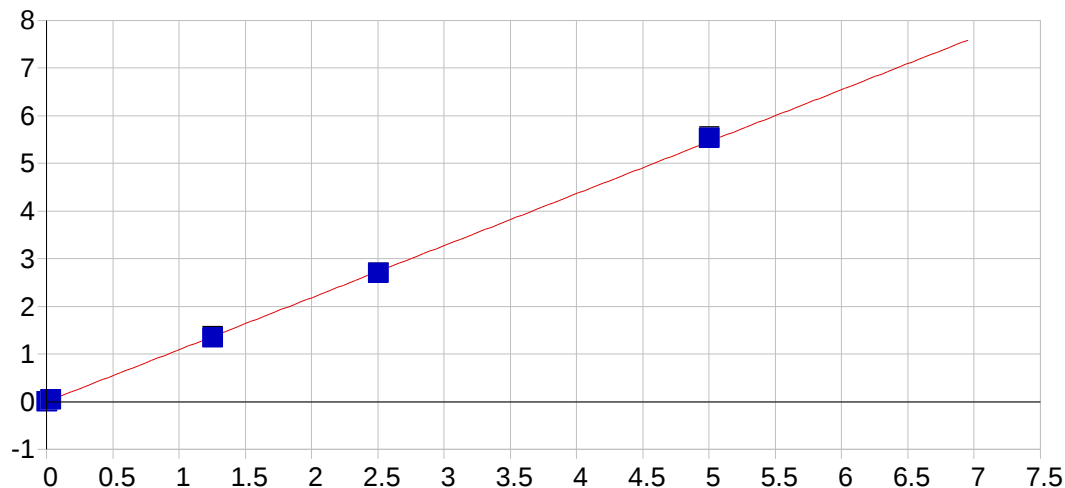
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.216011 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990
 Std Error of Est: 0.000008
 Predicted MDL: 0.000445
 Predicted MQL: 0.001483

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.01005	.000	.503	.00230	.000	1
S3	.50000	.49648	-.004	-.705	.10822	.000	1
S4	1.0000	.99578	-.004	-.422	.21692	.001	1
S5	2.0000	2.0077	.008	.385	.43720	.003	1



Co 228.616 {447}

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

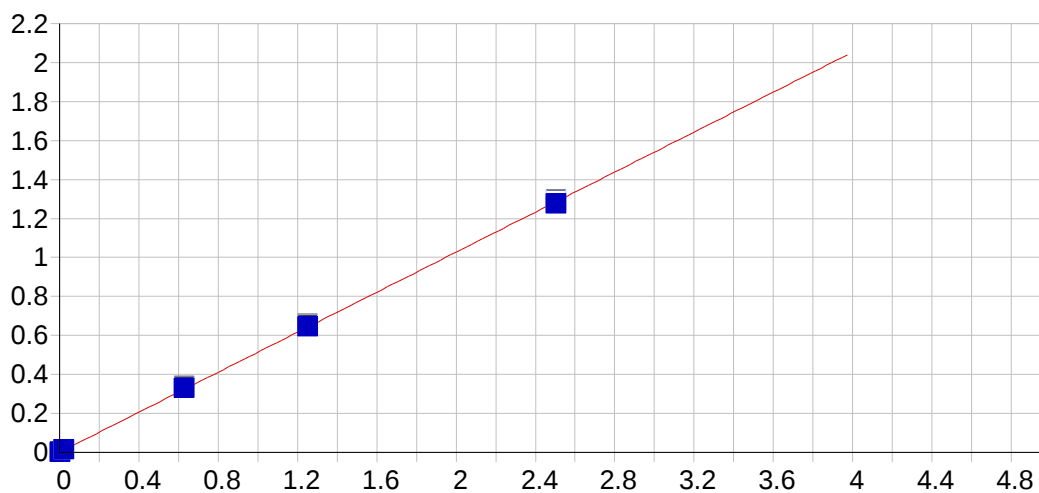
Weighting: 1/Conc

A0 (Offset): -0.000515
 A1 (Gain): 1.091570
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903
 Std Error of Est: 0.000319
 Predicted MDL: 0.000236
 Predicted MQL: 0.000785

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	-.00051	.000	1
S1	.03000	.02964	-.000	-1.22	.03161	.000	1
S3	1.2500	1.2254	-.025	-1.97	1.3381	.021	1
S4	2.5000	2.4649	-.035	-1.41	2.6922	.003	1
S5	5.0000	5.0601	.060	1.20	5.5272	.023	1

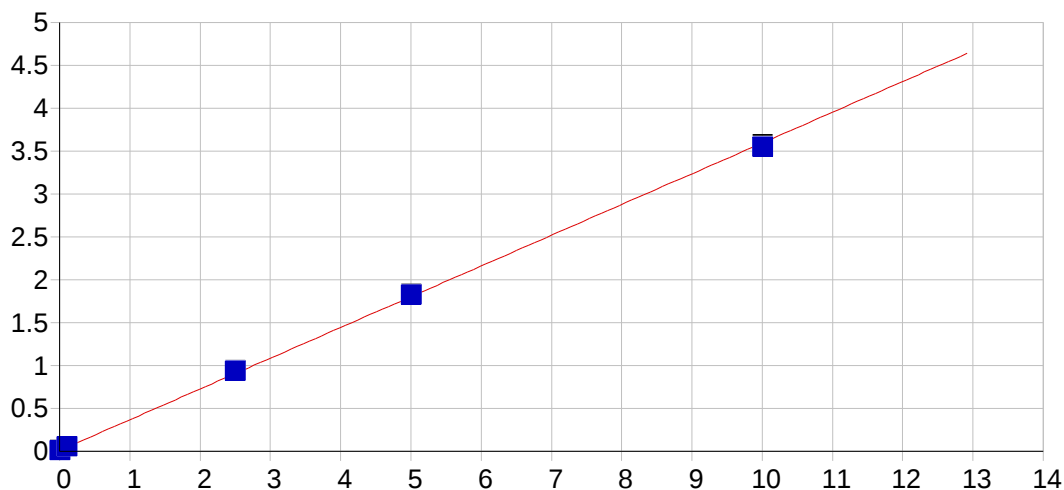


Cu 224.700 {450}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000611 Re-Slope: 1.000000
 A1 (Gain): 0.513327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000552
 Predicted MQL: 0.001841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.02000	.02299	.003	14.9	.01257	.000	1
S3	.62500	.64125	.016	2.60	.33497	.005	1
S4	1.2500	1.2513	.001	.101	.65329	.002	1
S5	2.5000	2.4795	-.020	-.820	1.2941	.001	1



Fe 240.488 {140}

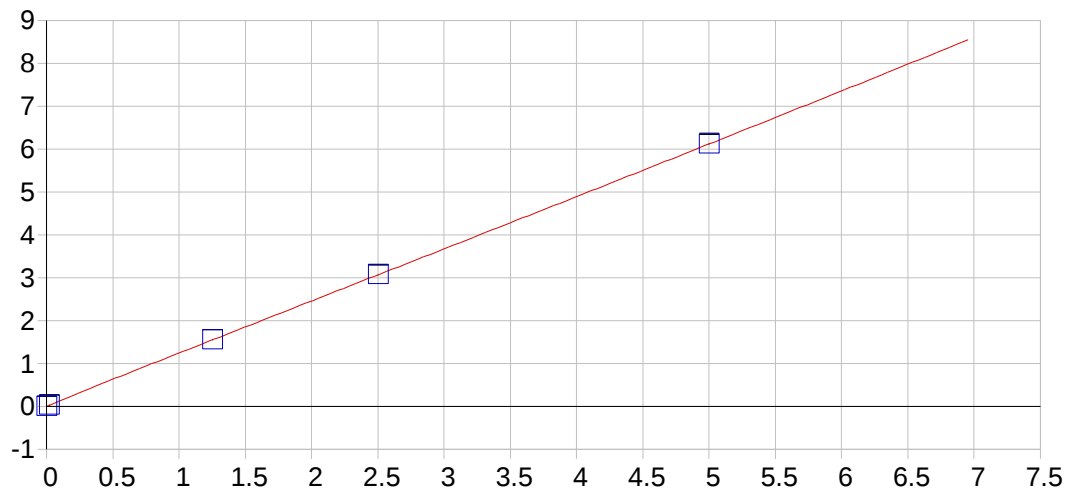
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010158 Re-Slope: 1.000000
 A1 (Gain): 0.358475 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776
 Std Error of Est: 0.000413
 Predicted MDL: 0.001471
 Predicted MQL: 0.004905

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01015	.000	1
S1	.10000	.11681	.017	16.8	.05220	.000	1
S3	2.5000	2.5781	.078	3.12	.93768	.006	1
S4	5.0000	5.0519	.052	1.04	1.8278	.002	1
S5	10.000	9.8532	-.147	-1.47	3.5557	.018	1



Mn 257.610 {131}

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Full Fit

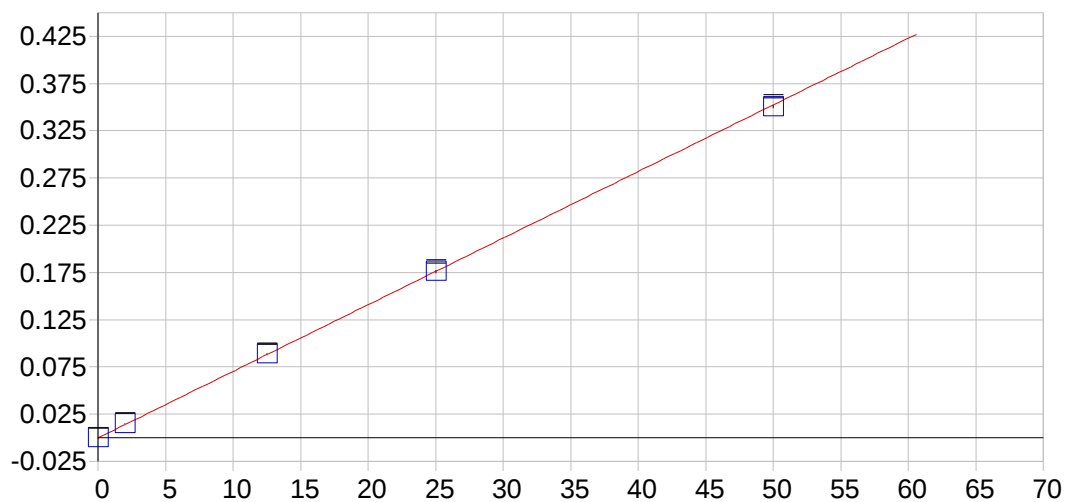
Weighting: 1/Conc

A0 (Offset): -0.000101
 A1 (Gain): 1.235930
 A2 (Curvature): 0.010254
 n (Exponent): 0.970000
 Correlation: 0.999999
 Std Error of Est: 0.000037
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.02000	.02024	.000	1.20	.02803	.000	1
S3	1.2500	1.2480	-.002	-.158	1.5479	.003	1
S4	2.5000	2.5024	.002	.097	3.0695	.004	1
S5	5.0000	4.9993	-.001	-.014	6.1201	.010	1

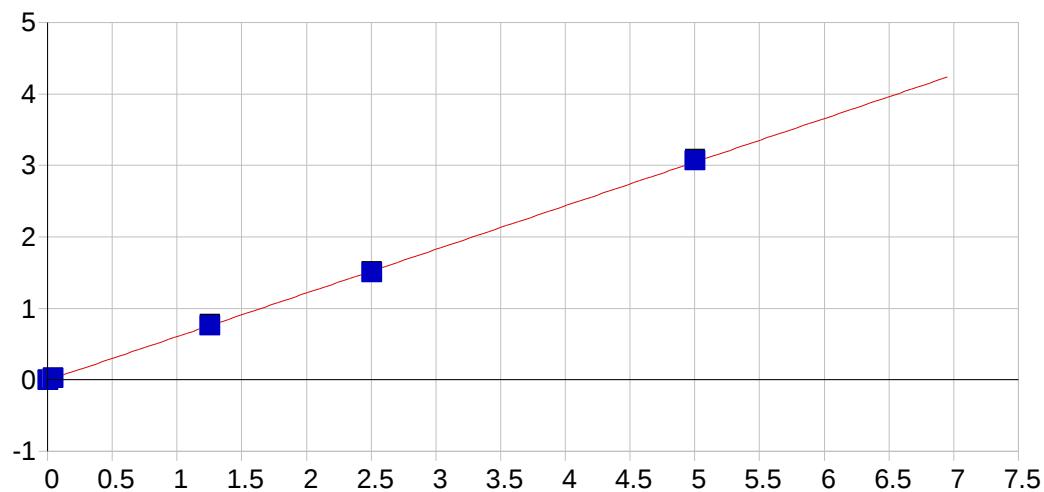


Mg 279.079 {121}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.007052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.052738
 Predicted MQL: 0.175793

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1577	.158	7.88	.01503	.000	1
S0	.00000	-.00017	-.000	.000	-.00019	.000	1
S3	12.500	12.625	.125	1.00	.08885	.000	1
S4	25.000	24.972	-.028	-.110	.17593	.001	1
S5	50.000	49.745	-.255	-.510	.35063	.002	1



Ni 231.604 {445}

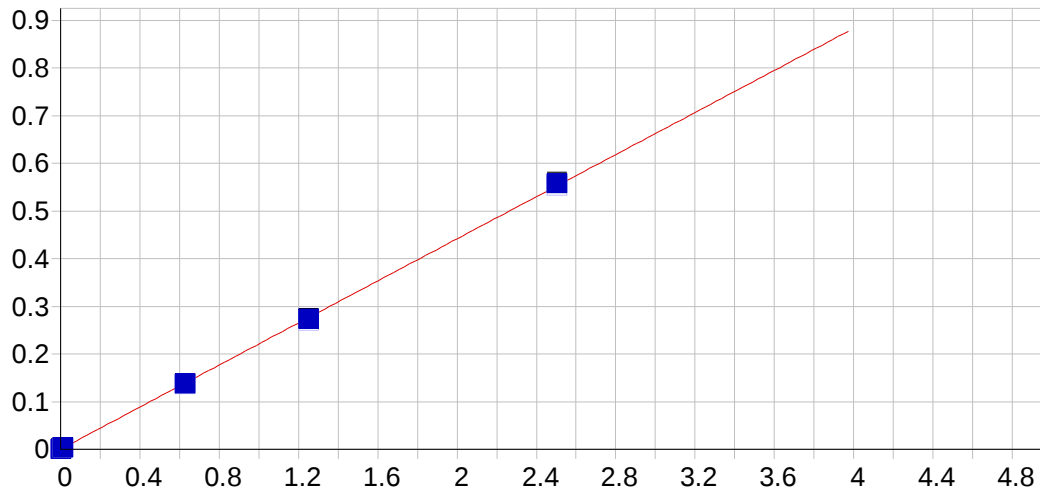
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006176 Re-Slope: 1.000000
 A1 (Gain): 0.610413 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000126
 Predicted MDL: 0.000442
 Predicted MQL: 0.001473

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00618	.000	1
S1	.04000	.04213	.002	5.34	.01956	.000	1
S3	1.2500	1.2507	.001	.053	.75808	.012	1
S4	2.5000	2.4696	-.030	-1.22	1.5030	.003	1
S5	5.0000	5.0276	.028	.552	3.0661	.013	1



Ag 328.068 {103}

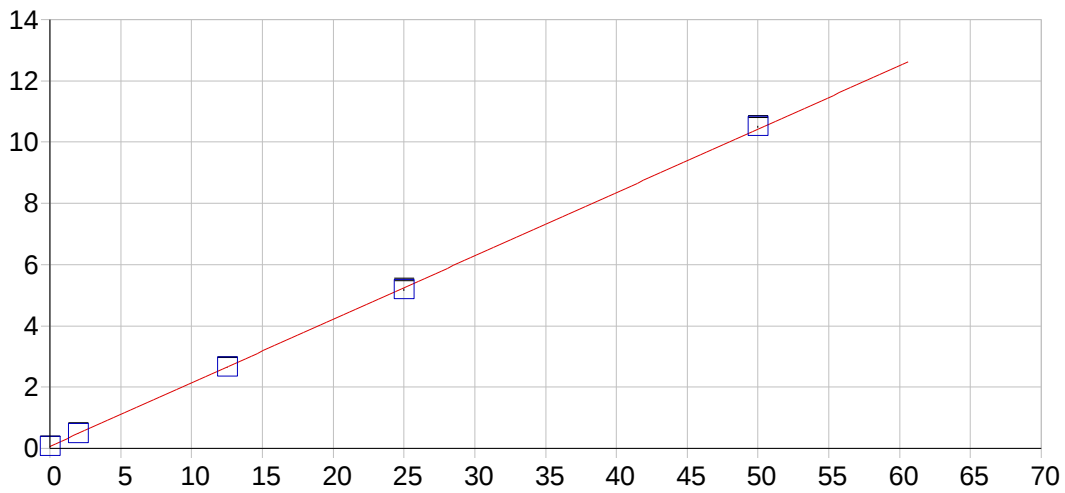
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000293
 A1 (Gain): 0.220679
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000022
 Predicted MDL: 0.000663
 Predicted MQL: 0.002211

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	.01000	.01035	.000	3.51	.00253	.000	1
S3	.62500	.61742	-.008	-1.21	.13498	.000	1
S4	1.2500	1.2326	-.017	-1.39	.26917	.002	1
S5	2.5000	2.5247	.025	.987	.55118	.002	1

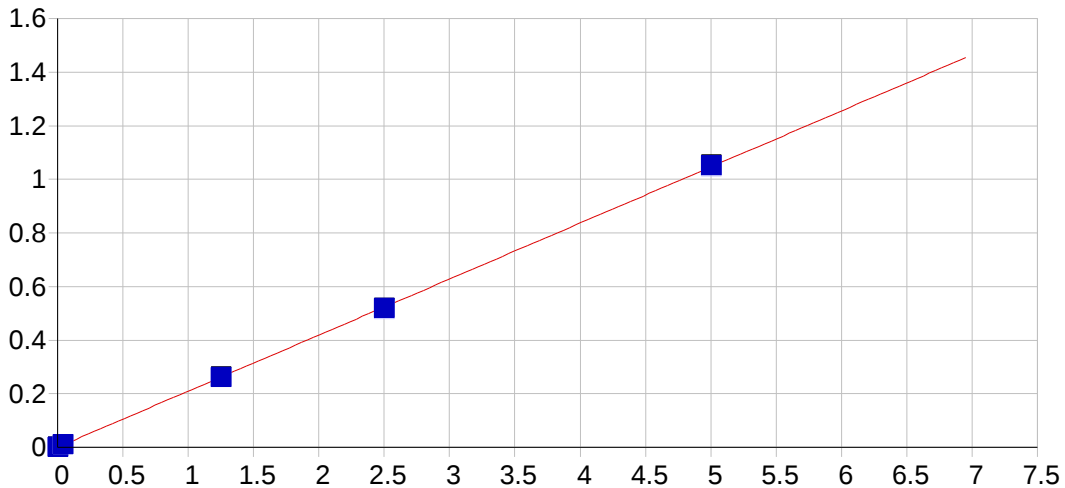


Na 589.592 { 57}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.071222 Re-Slope: 1.000000
 A1 (Gain): 0.207073 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000987
 Predicted MDL: 0.013397
 Predicted MQL: 0.044656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0090	.009	.449	.48723	.005	1
S0	.00000	.00001	.000	.000	.07122	.002	1
S3	12.500	12.430	-.070	-.563	2.6451	.010	1
S4	25.000	24.695	-.305	-1.22	5.1850	.040	1
S5	50.000	50.366	.366	.732	10.501	.025	1



V 292.402 {115}

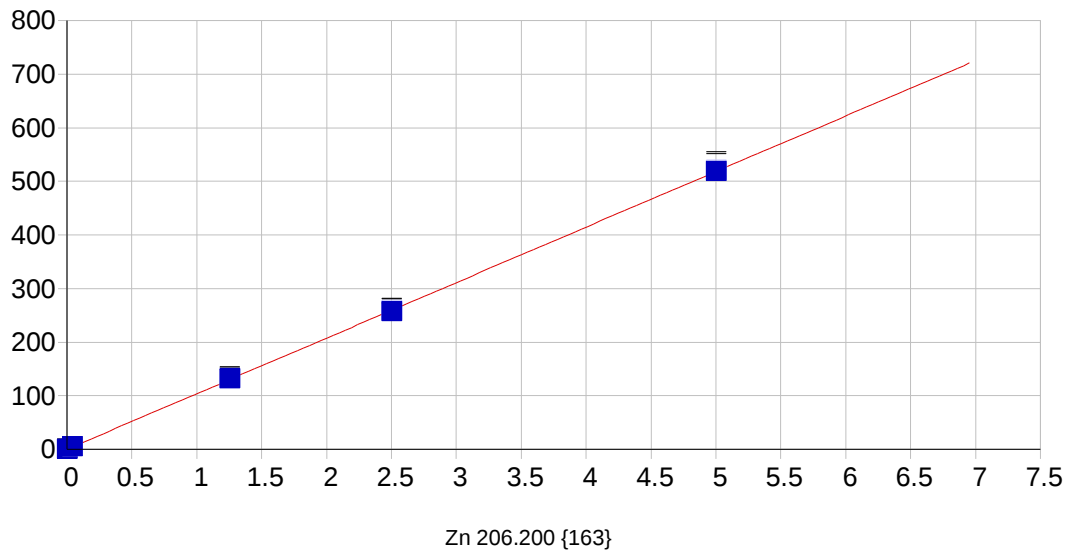
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000480 Re-Slope: 1.000000
 A1 (Gain): 0.209106 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000044
 Predicted MDL: 0.000544
 Predicted MQL: 0.001813

Status: OK.

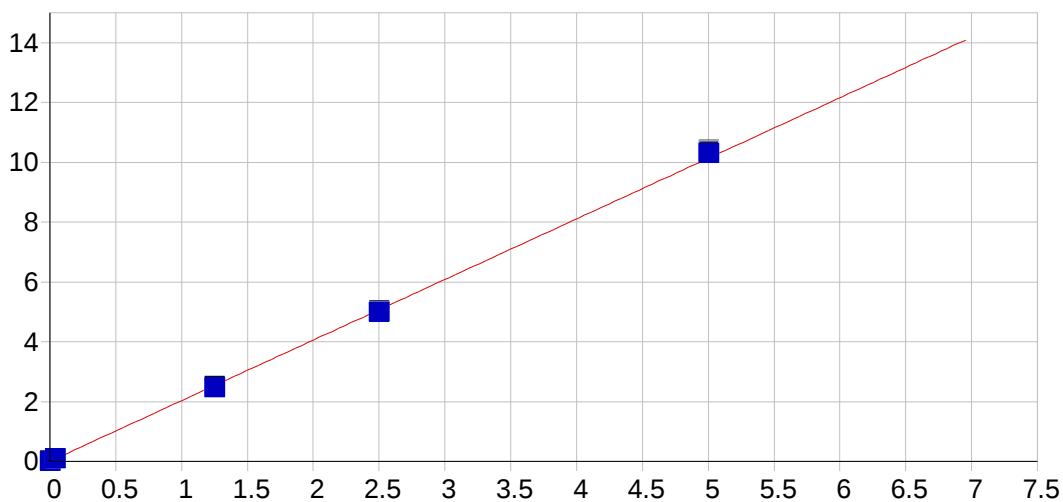
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.04000	.04265	.003	6.62	.00927	.000	1
S3	1.2500	1.2471	-.003	-.232	.25955	.000	1
S4	2.5000	2.4719	-.028	-1.12	.51396	.001	1
S5	5.0000	5.0283	.028	.567	1.0451	.001	1



Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.146397 Re-Slope: 1.000000
 A1 (Gain): 103.619938 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.019477
 Predicted MDL: 0.000375
 Predicted MQL: 0.001250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.14618	.021	1
S1	.04000	.04181	.002	4.52	4.5059	.129	1
S3	1.2500	1.2697	.020	1.58	132.50	2.30	1
S4	2.5000	2.4817	-.018	-.734	258.86	4.42	1
S5	5.0000	4.9968	-.003	-.064	521.05	14.9	1

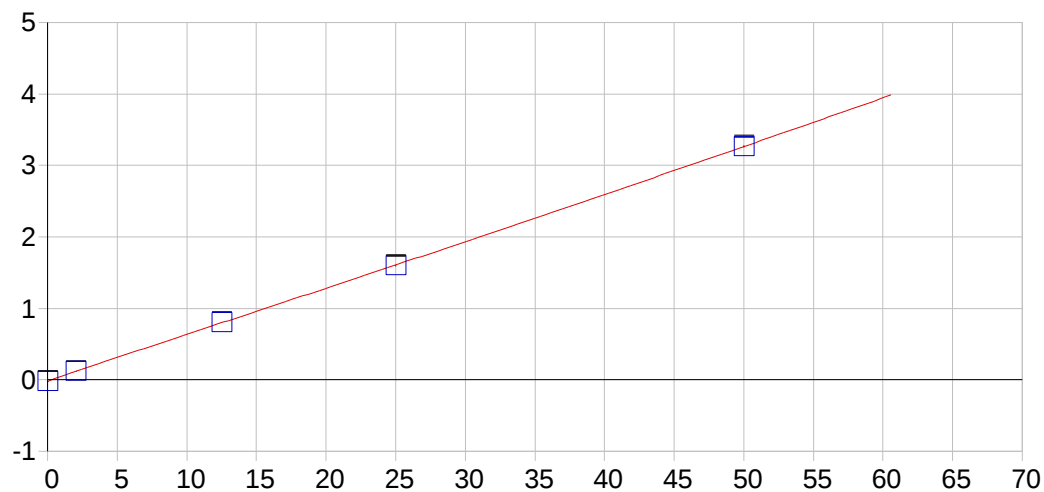


Zn 213.856 {458}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003543 Re-Slope: 1.000000
 A1 (Gain): 2.025840 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.000980
 Predicted MDL: 0.000106
 Predicted MQL: 0.000352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00355	.000	1
S1	.04000	.03989	-.000	-.265	.08493	.000	1
S3	1.2500	1.2083	-.042	-3.34	2.4675	.039	1
S4	2.5000	2.4578	-.042	-1.69	5.0150	.005	1
S5	5.0000	5.0840	.084	1.68	10.368	.040	1



K 766.490 {44}

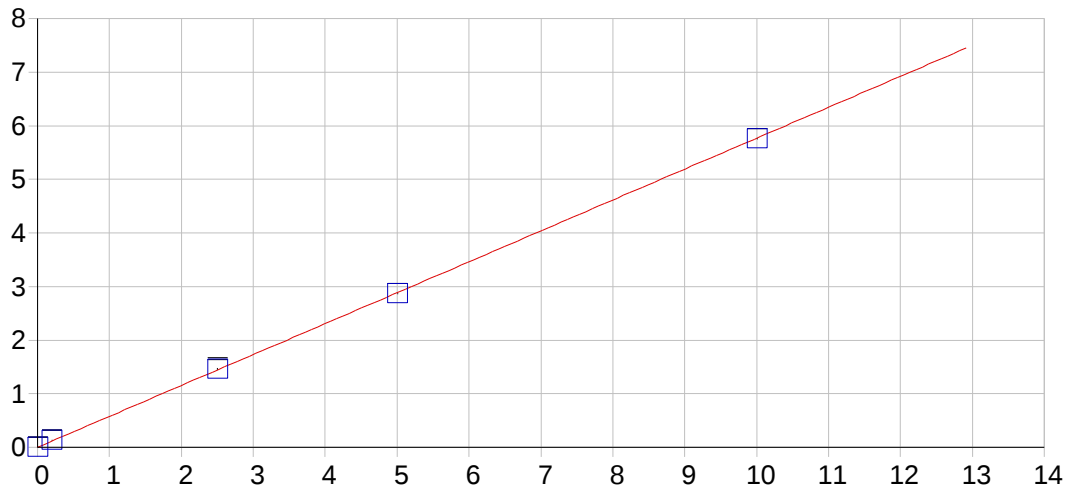
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.019512 Re-Slope: 1.000000
 A1 (Gain): 0.069352 Y-int: 0.000000

A2 (Curvature): 0.000101
 n (Exponent): 0.970000
 Correlation: 0.999993
 Std Error of Est: 0.000239
 Predicted MDL: 0.043420
 Predicted MQL: 0.144734

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9950	-.005	-.250	.11639	.001	1
S0	.00000	.00000	.000	.000	-.01951	.002	1
S3	12.500	12.591	.091	.726	.80357	.002	1
S4	25.000	24.872	-.128	-.511	1.5985	.006	1
S5	50.000	50.041	.041	.082	3.2670	.011	1

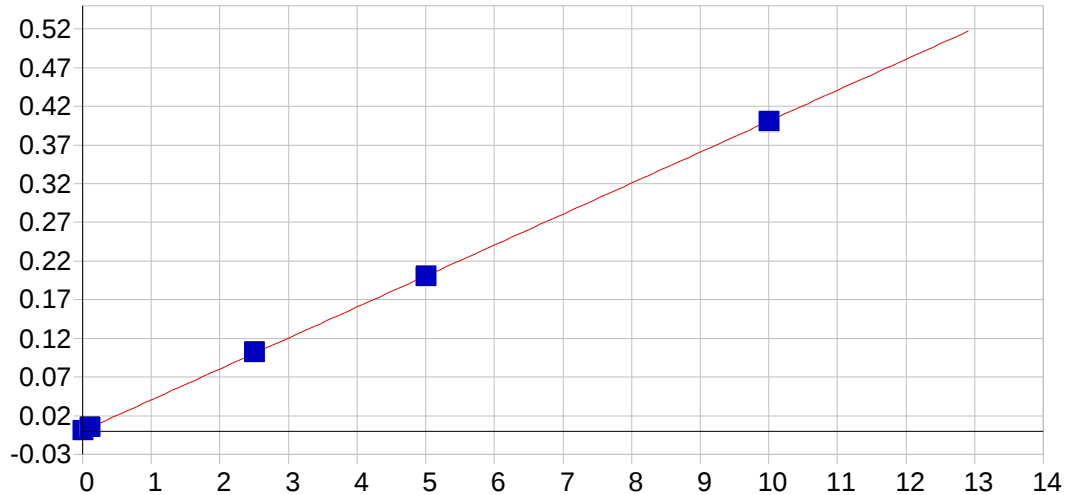


Mo 202.030 {467}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000489 Re-Slope: 1.000000
 A1 (Gain): 0.576706 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000522
 Predicted MDL: 0.000324
 Predicted MQL: 0.001078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00048	.000	1
S1	.20000	.21976	.020	9.88	.12723	.000	1
S3	2.5000	2.5269	.027	1.08	1.4578	.018	1
S4	5.0000	4.9690	-.031	-.620	2.8661	.002	1
S5	10.000	9.9843	-.016	-.157	5.7585	.002	1

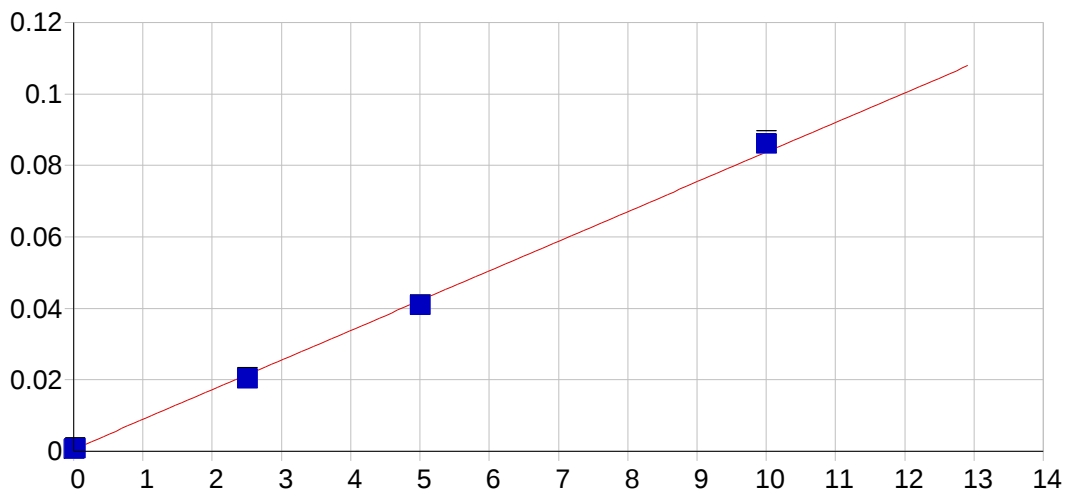


B 249.678 {135}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000355 Re-Slope: 1.000000
 A1 (Gain): 0.040040 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.008787
 Predicted MQL: 0.029289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00035	.000	1
S1	.10000	.10989	.010	9.89	.00474	.000	1
S3	2.5000	2.5305	.030	1.22	.10144	.001	1
S4	5.0000	4.9811	-.019	-.379	.19933	.001	1
S5	10.000	9.9786	-.021	-.214	.39896	.000	1



S 182.034 {485}

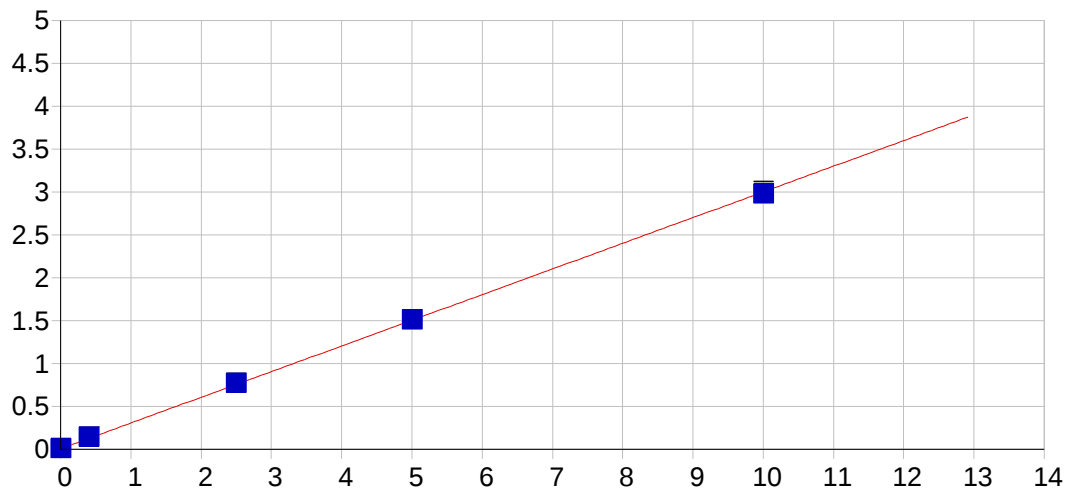
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000599 Re-Slope: 1.000000
 A1 (Gain): 0.008311 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999426
 Std Error of Est: 0.000007
 Predicted MDL: 0.012163
 Predicted MQL: 0.040545

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00060	.000	1
S1	.02000	.02399	.004	19.9	.00079	.000	1
S3	2.5000	2.3666	-.133	-5.33	.02024	.000	1
S4	5.0000	4.8512	-.149	-2.98	.04087	.000	1
S5	10.000	10.278	.278	2.78	.08593	.001	1



Si 288.158 {117}

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

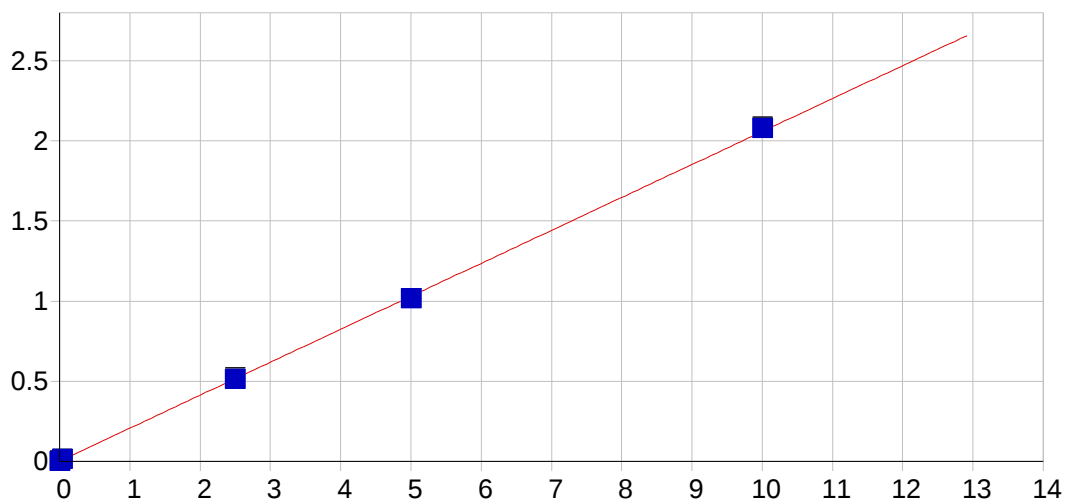
Weighting: 1/Conc

A0 (Offset): 0.007289
 A1 (Gain): 0.299366
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836
 Std Error of Est: 0.000591
 Predicted MDL: 0.003167
 Predicted MQL: 0.010558

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	-.00005	-.000	.000	.00728	.000	1
S1	.40000	.44296	.043	10.7	.13980	.000	1
S3	2.5000	2.5350	.035	1.40	.76578	.005	1
S4	5.0000	5.0081	.008	.163	1.5058	.001	1
S5	10.000	9.9140	-.086	-.860	2.9736	.030	1

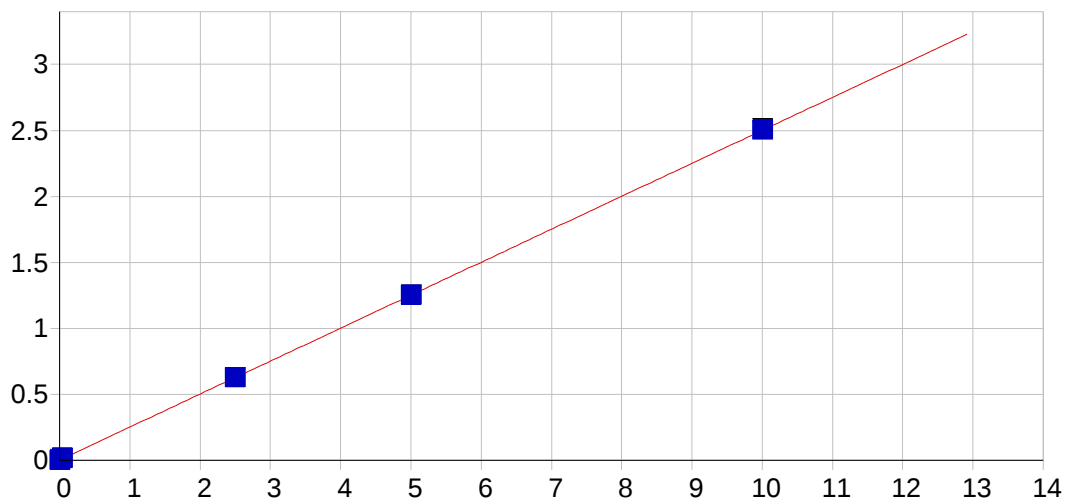


Sn 189.989 {477}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001868 Re-Slope: 1.000000
 A1 (Gain): 0.205670 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.000683
 Predicted MQL: 0.002277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00187	.000	1
S1	.04000	.03993	-.000	-.163	.01008	.000	1
S3	2.5000	2.4819	-.018	-.725	.51240	.008	1
S4	5.0000	4.9212	-.079	-1.58	1.0142	.001	1
S5	10.000	10.097	.097	.969	2.0789	.008	1



Ti 336.121 {100}

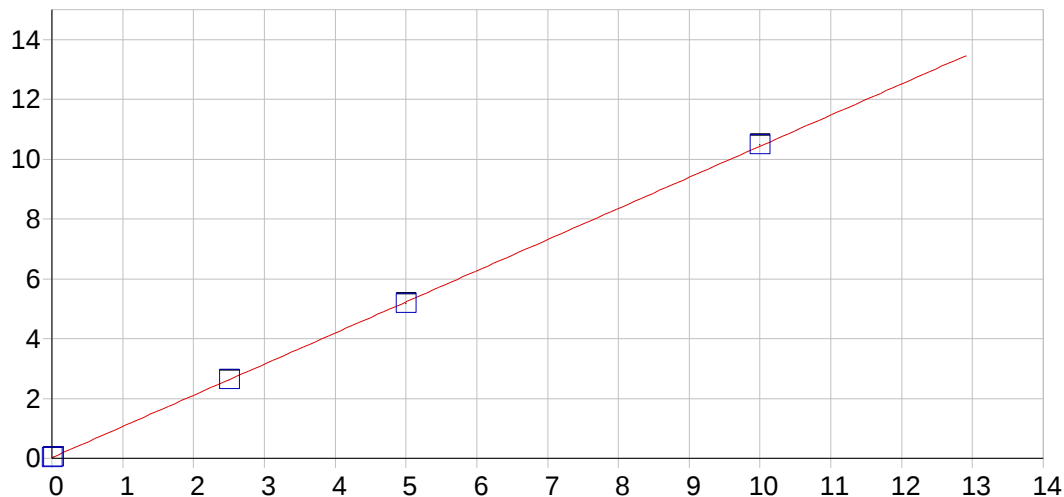
Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002331 Re-Slope: 1.000000
 A1 (Gain): 0.249814 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000028
 Predicted MDL: 0.002525
 Predicted MQL: 0.008417

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00233	.001	1
S1	.04000	.04257	.003	6.42	.01296	.001	1
S3	2.5000	2.4953	-.005	-.189	.62561	.002	1
S4	5.0000	4.9930	-.007	-.140	1.2495	.002	1
S5	10.000	10.009	.009	.091	2.5024	.010	1



Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

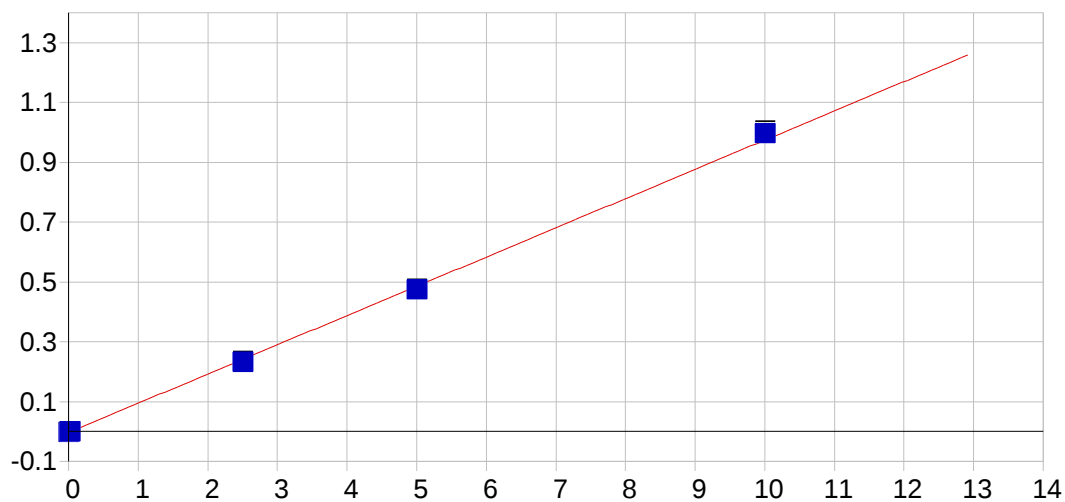
Weighting: 1/Conc

A0 (Offset): 0.023451
 A1 (Gain): 1.041125
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000166
 Predicted MDL: 0.002868
 Predicted MQL: 0.009560

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	.02345	.002	1
S1	.02000	.01848	-.002	-7.60	.04269	.000	1
S3	2.5000	2.5003	.000	.010	2.6265	.013	1
S4	5.0000	4.9541	-.046	-.919	5.1812	.024	1
S5	10.000	10.047	.047	.472	10.484	.020	1

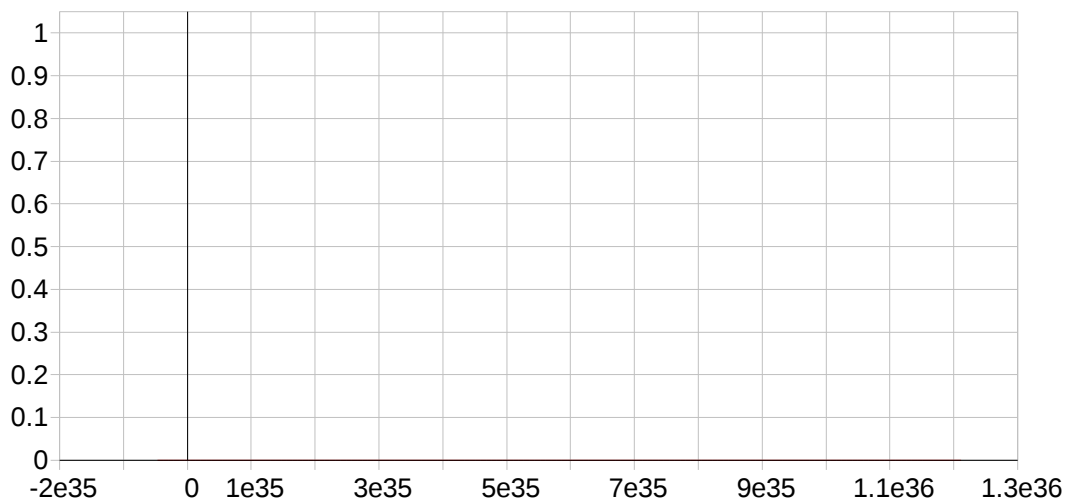


P 177.495 {490}

Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003380 Re-Slope: 1.000000
 A1 (Gain): 0.097750 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999639 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001421
 Predicted MQL: 0.004736

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00338	.000	1
S1	.02000	.01678	-.003	-16.1	-.00175	.000	1
S3	2.5000	2.3950	-.105	-4.20	.23038	.003	1
S4	5.0000	4.8845	-.115	-2.31	.47337	.001	1
S5	10.000	10.224	.224	2.24	.99457	.007	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

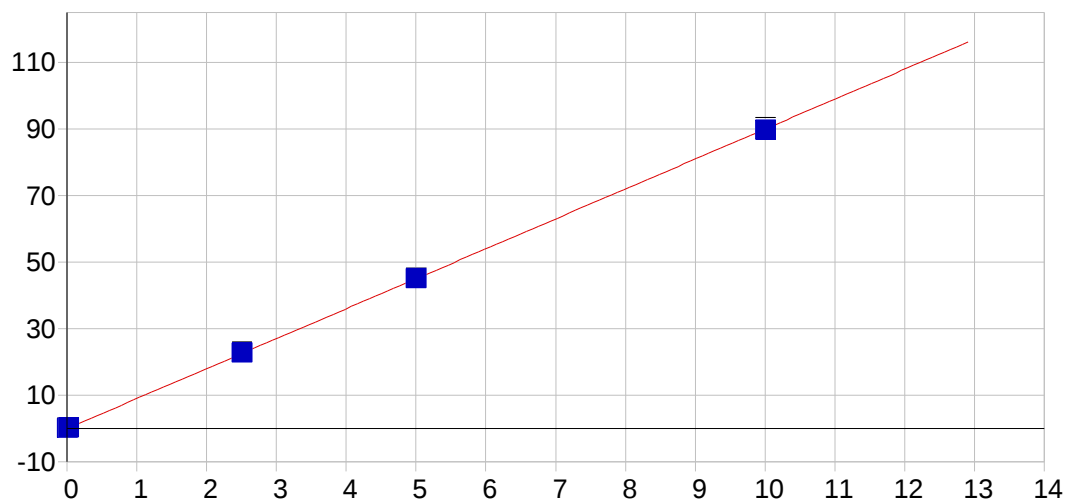
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007591

Re-Slope: 1.000000

A1 (Gain): 8.997426

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999988

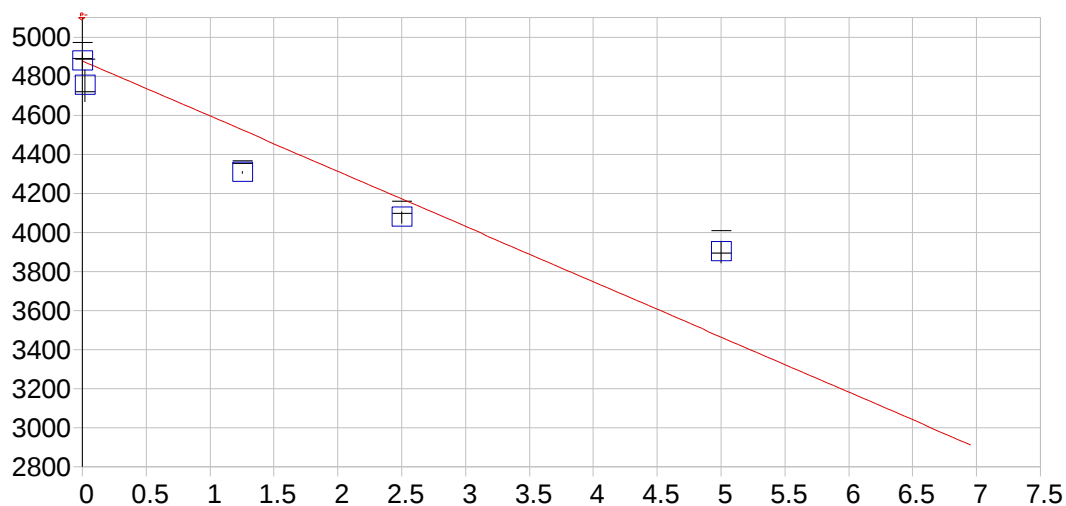
Status: OK.

Std Error of Est: 0.001043

Predicted MDL: 0.000130

Predicted MQL: 0.000432

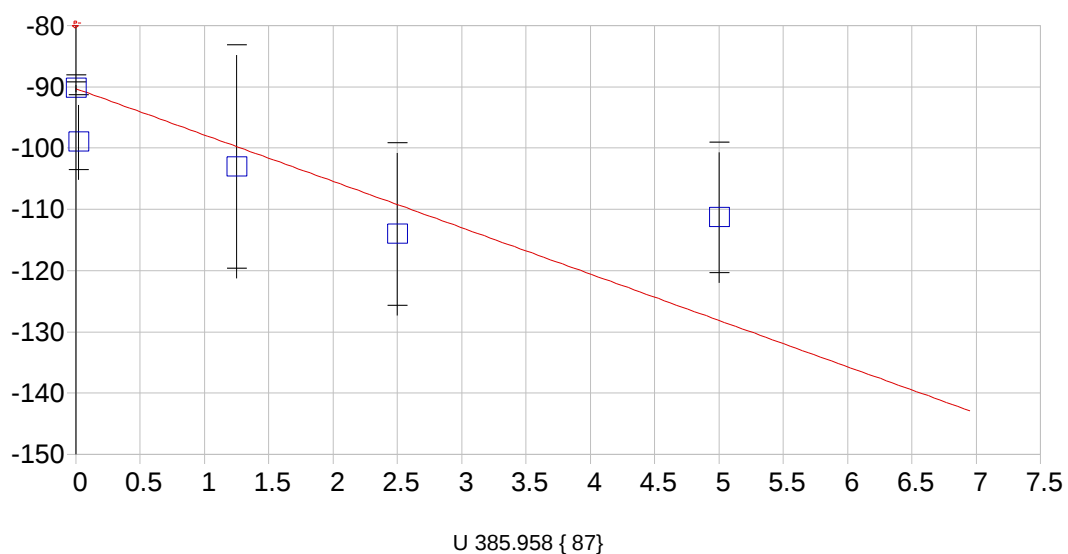
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00761	.001	1
S1	.02000	.02179	.002	8.94	.18943	.001	1
S3	2.5000	2.5181	.018	.722	22.673	.142	1
S4	5.0000	5.0104	.010	.209	45.123	.137	1
S5	10.000	9.9697	-.030	-.303	89.793	.605	1



Date of Fit: 3/12/2019 12:39:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4878.228498 Re-Slope: 1.000000
A1 (Gain): -282.715703 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.679479 Status: Warning Negative Gain
Std Error of Est: 5.216713
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00044	-.000	.000	4878.4	41.1	1
S1	.02000	.44942	.429	2150.	4751.2	82.8	1
S3	1.2500	2.0219	.772	61.8	4306.6	6.42	1
S4	2.5000	2.8368	.337	13.5	4076.2	29.8	1
S5	5.0000	3.4619	-1.54	-30.8	3899.5	56.8	1



Date of Fit: 3/12/2019 12:39:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -90.295266

Re-Slope: 1.000000

A1 (Gain): -7.567088

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.342431

Status: Warning Negative Gain

Std Error of Est: 0.354797

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00114	-.001	.000	-90.287	.550	1
S1	.02000	1.1572	1.14	5690.	-99.052	6.11	1
S3	1.2500	1.6865	.437	34.9	-103.06	18.2	1
S4	2.5000	3.1390	.639	25.6	-114.05	13.3	1
S5	5.0000	2.7873	-2.21	-44.3	-111.39	10.7	1

Sample Name: S0 Acquired: 3/12/2019 11:18:19 Type: Cal
Method: P4-ICP2(v2936) 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	-.00019	-.00007	.00462	-.00034	.00053	.00068	.11579	.00013
Stddev	.00010	.00006	.00020	.00008	.00010	.00005	.00265	.00001
%RSD	54.941	91.676	4.2510	23.116	19.269	6.6259	2.2895	7.1170
#1	-.00018	-.00014	.00445	-.00037	.00043	.00072	.11274	.00013
#2	-.00029	-.00005	.00457	-.00039	.00063	.00069	.11751	.00013
#3	-.00009	-.00002	.00483	-.00025	.00053	.00063	.11712	.00015
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	-.00241	.00030	.00012	-.00051	.00061	.01015	-.00010	-.00019
Stddev	.00022	.00011	.00002	.00018	.00009	.00016	.00004	.00022
%RSD	9.0751	37.323	13.581	34.766	14.033	1.6208	39.710	113.97
#1	-.00248	.00017	.00011	-.00031	.00051	.01033	-.00007	-.00022
#2	-.00216	.00037	.00011	-.00064	.00066	.01001	-.00009	-.00039
#3	-.00258	.00037	.00014	-.00059	.00066	.01010	-.00015	.00004
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	-.00618	.00029	.07122	.00048	.00355	-.01951	.00048	.00035
Stddev	.00005	.00002	.00189	.00015	.00015	.00239	.00014	.00039
%RSD	.85183	6.0876	2.6553	31.577	4.1836	12.236	29.081	109.79
#1	-.00622	.00031	.07219	.00041	.00360	-.01682	.00043	.00005
#2	-.00612	.00027	.06905	.00038	.00366	-.02036	.00063	.00079
#3	-.00618	.00030	.07244	.00065	.00338	-.02136	.00037	.00022
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	.00060	.00728	.00187	.00233	.02345	-.0034	-.00761	4878.4
Stddev	.00004	.00024	.00013	.00051	.00205	.0000	.00061	41.1
%RSD	7.0641	3.3259	6.8829	21.997	8.7367	1.091	7.9668	.84322
#1	.00062	.00741	.00200	.00213	.02109	-.0034	-.00694	4831.0
#2	.00063	.00700	.00175	.00195	.02477	-.0034	-.00812	4898.6
#3	.00055	.00742	.00185	.00291	.02449	-.0033	-.00777	4905.4

Sample Name: S0 Acquired: 3/12/2019 11:18:19 Type: Cal
Method: P4-ICP2(v2936) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-90.287
Stddev	.550
%RSD	.60958

#1	-89.796
#2	-90.882
#3	-90.182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4100.9	44011.	4618.9	30.806	4121.8
Stddev	13.0	185.	10.3	1.211	10.9
%RSD	.31702	.42079	.22326	3.9305	.26505

#1	4093.4	43816.	4608.4	32.095	4109.2
#2	4115.9	44185.	4629.1	30.630	4129.3
#3	4093.3	44032.	4619.2	29.693	4126.7

Sample Name: S1 Acquired: 3/12/2019 11:22:45 Type: Cal
Method: P4-ICP2(v2936) 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	.00075	.00371	.00757	.00074	.00575	.00163	.19562	.00615
Stddev	.00009	.00024	.00042	.00011	.00008	.00008	.00207	.00009
%RSD	11.964	6.4737	5.5780	15.503	1.3761	5.1712	1.0593	1.4876

#1	.00085	.00374	.00770	.00062	.00569	.00172	.19716	.00605
#2	.00067	.00345	.00710	.00074	.00584	.00160	.19643	.00619
#3	.00074	.00393	.00791	.00085	.00572	.00156	.19327	.00621

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	.01307	.00230	.03161	.01257	.05220	.02803	.01956	.00253
Stddev	.00021	.00008	.00039	.00004	.00010	.00009	.00002	.00005
%RSD	1.5745	3.5571	1.2291	.31006	.19992	.33092	.11105	1.8603

#1	.01330	.00224	.03119	.01258	.05209	.02799	.01954	.00254
#2	.01299	.00240	.03170	.01260	.05222	.02813	.01958	.00258
#3	.01292	.00228	.03195	.01253	.05230	.02795	.01955	.00248

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	.00927	.08493	.12723	.00474	.00079	.13980	.01008	.01296
Stddev	.00013	.00038	.00043	.00031	.00014	.00035	.00020	.00056
%RSD	1.4065	.44777	.33753	6.4547	17.986	.24919	1.9887	4.3303

#1	.00940	.08454	.12772	.00491	.00071	.13948	.00988	.01342
#2	.00914	.08529	.12694	.00438	.00096	.13974	.01008	.01234
#3	.00927	.08495	.12703	.00492	.00071	.14017	.01028	.01312

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04269	-.0017	.18943	4751.2	-99.052
Stddev	.00026	.0001	.00072	82.8	6.111
%RSD	.61742	4.187	.37786	1.7420	6.1700

#1	.04255	-.0017	.18882	4711.6	-93.431
#2	.04253	-.0017	.19022	4695.6	-98.166
#3	.04300	-.0018	.18924	4846.3	-105.56

Sample Name: S1 Acquired: 3/12/2019 11:22:45 Type: Cal
Method: P4-ICP2(v2936) 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	4097.4	43804.	4787.0	31.984	4103.5
Stddev	8.4	354.	21.1	.900	15.6
%RSD	.20553	.80878	.44145	2.8146	.38013
#1	4091.6	43734.	4805.2	32.077	4117.6
#2	4093.6	43489.	4763.8	31.041	4086.7
#3	4107.1	44188.	4791.9	32.834	4106.3

Sample Name: S2 Acquired: 3/12/2019 11:27:11 Type: Cal
 Method: P4-ICP2(v2936) 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	.08953	.01503	.48723	.11639
Stddev	.00098	.00033	.00541	.00134
%RSD	1.0913	2.1670	1.1110	1.1491

#1	.08860	.01467	.49117	.11678
#2	.09055	.01511	.48106	.11750
#3	.08944	.01530	.48945	.11491

Int. Std.	Y_3710
Units	Cts/S
Avg	4889.0
Stddev	9.3
%RSD	.18935

#1	4896.2
#2	4878.6
#3	4892.2

Sample Name: S3 Acquired: 3/12/2019 11:31:27 Type: Cal
Method: P4-ICP2(v2936) 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	.10412	.23971	.65083	.13016	.25783	.04017	3.9257	.11469
Stddev	.00182	.00382	.01096	.00194	.00319	.00012	.0159	.00020
%RSD	1.7493	1.5951	1.6842	1.4907	1.2387	.30664	.40468	.17020
#1	.10276	.23760	.64461	.12896	.25655	.04030	3.9098	.11447
#2	.10341	.23741	.64439	.12912	.25547	.04006	3.9259	.11476
#3	.10619	.24412	.66348	.13239	.26146	.04015	3.9415	.11485
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	3.1548	.53053	.10822	1.3381	.33497	.93768	1.5479	.08885
Stddev	.0449	.00154	.00006	.0207	.00472	.00604	.0029	.00040
%RSD	1.4230	.29010	.05938	1.5461	1.4102	.64468	.18876	.45252
#1	3.1305	.53147	.10815	1.3282	.33261	.93268	1.5449	.08875
#2	3.1273	.53137	.10828	1.3242	.33189	.93595	1.5480	.08850
#3	3.2066	.52875	.10821	1.3619	.34040	.94440	1.5508	.08929
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	.75808	.13498	2.6451	.25955	2.4675	.80357	1.4578	.10144
Stddev	.01221	.00046	.0101	.00049	.0390	.00200	.0179	.00052
%RSD	1.6110	.33790	.38354	.18691	1.5795	.24903	1.2305	.51110
#1	.75197	.13448	2.6405	.25947	2.4465	.80396	1.4477	.10120
#2	.75013	.13510	2.6380	.25911	2.4436	.80535	1.4472	.10204
#3	.77214	.13536	2.6567	.26007	2.5125	.80140	1.4785	.10109
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	.02024	.76578	.51240	.62561	2.6265	.2304	22.673	4306.6
Stddev	.00028	.00455	.00778	.00193	.0133	.0026	.142	6.4
%RSD	1.3997	.59418	1.5187	.30825	.50473	1.113	.62561	.14918
#1	.02028	.76140	.51164	.62648	2.6139	.2296	22.529	4299.2
#2	.01995	.76545	.50503	.62340	2.6253	.2283	22.679	4309.8
#3	.02051	.77048	.52054	.62695	2.6404	.2333	22.812	4310.8

Sample Name: S3 Acquired: 3/12/2019 11:31:27 Type: Cal
 Method: P4-ICP2(v2936) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-103.06
Stddev	18.25
%RSD	17.704

#1	-83.783
#2	-105.33
#3	-120.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3988.6	42353.	4985.7	30.490	3833.9
Stddev	44.3	62.	24.2	.525	48.3
%RSD	1.1100	.14727	.48621	1.7221	1.2603

#1	4011.9	42357.	4995.1	30.574	3851.4
#2	4016.4	42413.	5003.9	30.968	3871.0
#3	3937.6	42289.	4958.2	29.928	3779.3

Sample Name: S4 Acquired: 3/12/2019 11:35:28 Type: Cal
Method: P4-ICP2(v2936) 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	.20777	.47653	1.2963	.25858	.51266	.08003	7.6946	.22993
Stddev	.00035	.00098	.0033	.00083	.00025	.00041	.0308	.00052
%RSD	.16612	.20645	.25391	.32256	.04839	.51113	.39976	.22575
#1	.20812	.47764	1.2999	.25948	.51280	.08007	7.6999	.22986
#2	.20743	.47617	1.2952	.25843	.51237	.08041	7.7223	.22945
#3	.20776	.47577	1.2936	.25783	.51281	.07960	7.6615	.23048
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	6.3553	1.0525	.21692	2.6922	.65329	1.8278	3.0695	.17593
Stddev	.0083	.0056	.00071	.0031	.00204	.0016	.0036	.00137
%RSD	.13000	.53378	.32924	.11553	.31211	.08915	.11820	.78055
#1	6.3632	1.0579	.21622	2.6950	.65328	1.8260	3.0657	.17509
#2	6.3559	1.0529	.21689	2.6928	.65126	1.8285	3.0699	.17517
#3	6.3467	1.0467	.21765	2.6888	.65533	1.8290	3.0730	.17751
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	1.5030	.26917	5.1850	.51396	5.0150	1.5985	2.8661	.19933
Stddev	.0030	.00168	.0401	.00052	.0051	.0060	.0018	.00057
%RSD	.20063	.62457	.77260	.10085	.10151	.37437	.06333	.28618
#1	1.5057	.26731	5.2067	.51340	5.0185	1.6033	2.8681	.19867
#2	1.5034	.26959	5.2095	.51407	5.0173	1.6005	2.8645	.19963
#3	1.4997	.27059	5.1388	.51442	5.0091	1.5918	2.8658	.19968
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	.04087	1.5058	1.0142	1.2495	5.1812	.4734	45.123	4076.2
Stddev	.00011	.0005	.0012	.0017	.0244	.0007	.137	29.8
%RSD	.25735	.03437	.11463	.13488	.47007	.1498	.30448	.73091
#1	.04078	1.5061	1.0150	1.2484	5.1876	.4742	45.051	4109.9
#2	.04084	1.5052	1.0147	1.2486	5.2018	.4728	45.281	4065.4
#3	.04099	1.5060	1.0129	1.2514	5.1544	.4731	45.036	4053.4

Sample Name: S4 Acquired: 3/12/2019 11:35:28 Type: Cal
 Method: P4-ICP2(v2936) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-114.05
Stddev	13.28
%RSD	11.642

#1	-100.82
#2	-127.37
#3	-113.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.7	41326.	4957.8	30.688	3700.3
Stddev	12.5	152.	9.0	.509	9.0
%RSD	.31860	.36757	.18140	1.6586	.24276

#1	3925.9	41501.	4953.9	31.171	3690.0
#2	3950.4	41241.	4951.4	30.738	3706.6
#3	3933.9	41235.	4968.1	30.156	3704.3

Sample Name: S5 Acquired: 3/12/2019 11:39:29 Type: Cal
Method: P4-ICP2(v2936) 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	.42258	.96150	2.6379	.52382	1.0391	.16497	15.628	.46574
Stddev	.00084	.00224	.0113	.00035	.0018	.00157	.042	.00041
%RSD	.19894	.23334	.42700	.06664	.17092	.94906	.27062	.08814
#1	.42214	.96021	2.6284	.52369	1.0371	.16370	15.636	.46608
#2	.42355	.96020	2.6349	.52355	1.0398	.16672	15.583	.46529
#3	.42206	.96409	2.6503	.52421	1.0404	.16448	15.666	.46586
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	13.000	2.1020	.43720	5.5272	1.2941	3.5557	6.1201	.35063
Stddev	.057	.0081	.00259	.0235	.0010	.0185	.0095	.00159
%RSD	.43586	.38672	.59311	.42503	.07548	.51948	.15612	.45403
#1	12.948	2.0940	.43443	5.5078	1.2940	3.5687	6.1193	.35245
#2	12.990	2.1019	.43956	5.5206	1.2952	3.5345	6.1300	.34949
#3	13.060	2.1103	.43762	5.5533	1.2933	3.5638	6.1110	.34995
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0661	.55118	10.501	1.0451	10.368	3.2670	5.7585	.39896
Stddev	.0130	.00229	.025	.0014	.040	.0112	.0023	.00046
%RSD	.42534	.41570	.23485	.13311	.38537	.34225	.03933	.11518
#1	3.0529	.54889	10.517	1.0457	10.336	3.2731	5.7609	.39880
#2	3.0664	.55347	10.472	1.0461	10.355	3.2541	5.7581	.39860
#3	3.0790	.55117	10.513	1.0435	10.412	3.2738	5.7565	.39948
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	.08593	2.9736	2.0789	2.5024	10.484	.9946	89.793	3899.5
Stddev	.00093	.0295	.0080	.0101	.020	.0072	.605	56.8
%RSD	1.0857	.99236	.38291	.40573	.19173	.7204	.67400	1.4575
#1	.08544	2.9940	2.0712	2.4961	10.489	.9886	89.819	3952.2
#2	.08533	2.9398	2.0784	2.4970	10.462	.9926	89.175	3839.3
#3	.08700	2.9871	2.0871	2.5141	10.501	1.003	90.385	3907.0

Sample Name: S5 Acquired: 3/12/2019 11:39:29 Type: Cal
 Method: P4-ICP2(v2936) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-111.39
Stddev	10.66
%RSD	9.5662

#1	-100.43
#2	-121.71
#3	-112.02

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.0	40529.	5000.1	29.791	3541.6
Stddev	13.4	252.	27.8	.882	7.2
%RSD	.34677	.62160	.55669	2.9613	.20254

#1	3861.7	40681.	4971.9	29.591	3542.6
#2	3882.1	40238.	5027.5	29.025	3548.3
#3	3887.0	40667.	5001.0	30.755	3534.0

Sample Name: ICV01 Acquired: 3/12/2019 11:43:34 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0311	1.0375	1.0247	1.0372	1.0337	2.6186	.49615
Stddev	.0066	.0075	.0031	.0076	.0058	.0320	.00288
%RSD	.64053	.72075	.30470	.72770	.55768	1.2209	.57966

#1	1.0313	1.0289	1.0211	1.0285	1.0280	2.5884	.49601
#2	1.0375	1.0414	1.0266	1.0415	1.0395	2.6152	.49336
#3	1.0243	1.0422	1.0264	1.0416	1.0336	2.6521	.49910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50976	.49578	10.527	F .52220	.51547	.50940	5.3091
Stddev	.00089	.00115	.041	.00065	.00117	.00244	.0160
%RSD	.17392	.23220	.38683	.12476	.22730	.47823	.30233

#1	.50878	.49667	10.488	.52265	.51450	.50671	5.3252
#2	.51051	.49448	10.522	.52249	.51677	.51145	5.3089
#3	.51000	.49618	10.569	.52145	.51513	.51003	5.2931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51283	6.1807	.51574	.51660	9.9210	.51251	1.0109
Stddev	.00056	.0380	.00158	.00051	.0307	.00097	.0010
%RSD	.10888	.61479	.30679	.09937	.30972	.18875	.09621

#1	.51220	6.1769	.51408	.51601	9.9265	.51306	1.0120
#2	.51302	6.1447	.51723	.51694	9.9486	.51139	1.0101
#3	.51327	6.2204	.51591	.51685	9.8879	.51308	1.0107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.258	2.4247	2.4181	F 3.0365	2.4115	2.3800	2.4394
Stddev	.037	.0047	.0129	.0306	.0085	.0121	.0133
%RSD	.36344	.19564	.53410	1.0067	.35298	.50925	.54508

#1	10.217	2.4245	2.4164	3.0227	2.4211	2.3680	2.4267
#2	10.290	2.4296	2.4061	3.0716	2.4049	2.3923	2.4384
#3	10.266	2.4201	2.4317	3.0153	2.4084	2.3798	2.4532

Sample Name: ICV01 Acquired: 3/12/2019 11:43:34 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 3.1814	F 3.049	F 3.4661	F 2.8120	F<.00000
Stddev	.0159	.012	.0232	.0594	.52097
%RSD	.49821	.3808	.66863	2.1128	5.1711

#1	3.1923	3.037	3.4881	2.8224	-10.227
#2	3.1886	3.061	3.4682	2.7481	-10.503
#3	3.1632	3.049	3.4419	2.8655	-9.4947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.1	41540.	5058.5	32.011	3839.6
Stddev	9.1	44.	27.8	.611	8.7
%RSD	.22970	.10658	.54991	1.9089	.22630

#1	3954.4	41494.	5031.1	31.525	3829.8
#2	3951.4	41542.	5057.9	31.810	3846.1
#3	3968.4	41583.	5086.7	32.697	3843.0

Sample Name: LLICV01 Acquired: 3/12/2019 11:47:39 Type: Unk
Method: P4-ICP2(v2936) 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	.02306	.04432	.01199	.02287	.05699	.11354	.08314
Stddev	.00152	.00069	.00072	.00155	.00239	.01734	.00121
%RSD	6.5854	1.5587	6.0269	6.7838	4.1908	15.276	1.4606

#1	.02163	.04467	.01116	.02116	.05948	.11936	.08267
#2	.02465	.04353	.01241	.02419	.05678	.09404	.08224
#3	.02291	.04477	.01241	.02327	.05472	.12723	.08452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00586	2.1353	.01042	.03307	.01893	.11117
Stddev	.00008	.00010	.0120	.00034	.00023	.00040	.00245
%RSD	1.1990	1.7761	.56205	3.2853	.68562	2.1287	2.2073

#1	.00639	.00581	2.1237	.01065	.03296	.01921	.11350
#2	.00644	.00598	2.1477	.01059	.03333	.01846	.10861
#3	.00629	.00580	2.1345	.01003	.03292	.01910	.11140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01997	2.1687	.04336	.01032	1.8739	.04344	.04348
Stddev	.00015	.0478	.00012	.00046	.0115	.00061	.00017
%RSD	.76487	2.2051	.27889	4.5049	.61576	1.4099	.39063

#1	.01983	2.1919	.04323	.01047	1.8872	.04360	.04329
#2	.02013	2.2004	.04346	.01069	1.8670	.04277	.04360
#3	.01994	2.1137	.04339	.00980	1.8674	.04397	.04356

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9560	.20461	.10743	F .00450	F .49902	.04294	.04181
Stddev	.0324	.00114	.01582	.00724	.00553	.00131	.00273
%RSD	1.6558	.55665	14.726	160.89	1.1076	3.0469	6.5338

#1	1.9510	.20592	.10194	.00536	.50493	.04398	.04472
#2	1.9906	.20399	.09508	-.00313	.49815	.04337	.03931
#3	1.9264	.20391	.12526	.01126	.49398	.04147	.04139

Sample Name: LLICV01 Acquired: 3/12/2019 11:47:39 Type: Unk
 Method: P4-ICP2(v2936) 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	.01624	.0161	.02057	F 2.2796	F<.00000
Stddev	.00319	.0014	.00011	.0383	.35942
%RSD	19.643	8.614	.55397	1.6786	98.643

#1	.01256	.0177	.02048	2.2382	.02888
#2	.01824	.0153	.02054	2.2867	-.44608
#3	.01791	.0153	.02070	2.3137	-.67589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.7	42942.	5170.8	33.153	4122.8
Stddev	9.5	86.	38.6	1.196	5.7
%RSD	.23337	.19962	.74603	3.6065	.13881

#1	4079.8	42951.	5130.7	33.718	4127.4
#2	4097.4	42852.	5173.9	31.780	4116.4
#3	4095.0	43022.	5207.7	33.961	4124.5

Sample Name: ICB01 Acquired: 3/12/2019 11:52:05 Type: Unk
Method: P4-ICP2(v2936) 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	.00216	-.00129	-.00133	.00045	.00151	.00429	-.02676
Stddev	.00100	.00159	.00047	.00056	.00164	.00941	.00438
%RSD	46.532	123.14	35.060	124.92	108.67	219.56	16.381

#1	.00100	.00045	-.00186	.00044	-.00030	.01328	-.02197
#2	.00276	-.00267	-.00097	.00102	.00291	.00508	-.02774
#3	.00272	-.00165	-.00116	-.00011	.00192	-.00550	-.03057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00002	-.01099	.00002	.00011	.00009	-.00227
Stddev	.00008	.00005	.01152	.00031	.00012	.00023	.00035
%RSD	396.44	214.76	104.86	1250.3	103.55	267.52	15.233

#1	.00009	.00001	-.01871	-.00006	.00002	.00022	-.00206
#2	-.00007	-.00007	-.01652	.00037	.00024	.00023	-.00208
#3	.00004	.00000	.00226	-.00024	.00008	-.00018	-.00267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02273	.00087	.00042	-.23331	-.00050	-.00058
Stddev	.00000	.07392	.00019	.00015	.01356	.00036	.00006
%RSD	10.937	325.19	21.695	35.878	5.8106	71.818	10.978

#1	.00004	-.00607	.00066	.00030	-.21878	-.00036	-.00052
#2	.00003	.10671	.00103	.00037	-.24562	-.00024	-.00065
#3	.00003	-.03245	.00092	.00059	-.23553	-.00091	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03615	.00001	.00308	F -.01907	.00381	-.00119	-.00139
Stddev	.00895	.00024	.00210	.01557	.00113	.00093	.00214
%RSD	24.750	1766.5	68.085	81.616	29.569	78.083	153.82

#1	-.04438	-.00013	.00067	-.03196	.00434	-.00098	-.00070
#2	-.02663	-.00013	.00446	-.02348	.00458	-.00038	-.00380
#3	-.03745	.00030	.00412	-.00178	.00252	-.00220	.00032

Sample Name: ICB01 Acquired: 3/12/2019 11:52:05 Type: Unk
Method: P4-ICP2(v2936) 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	-.00889	-.0008	.00007	F 2.1571	F<.00000
Stddev	.00054	.0006	.00004	.0728	.81204
%RSD	6.1192	85.22	67.535	3.3751	245.02
#1	-.00938	-.0012	.00009	2.2278	-1.2680
#2	-.00899	-.0010	.00009	2.0823	.17529
#3	-.00831	-.0000	.00001	2.1612	.09848
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4101.4	43313.	5201.2	32.242	4149.2
Stddev	1.3	310.	21.2	.479	8.5
%RSD	.03143	.71578	.40700	1.4844	.20595
#1	4100.2	43321.	5204.5	32.134	4154.4
#2	4101.3	42999.	5178.7	31.827	4153.8
#3	4102.8	43619.	5220.6	32.766	4139.3

Sample Name: CRI01 Acquired: 3/12/2019 11:56:33 Type: Unk
Method: P4-ICP2(v2936) 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	.01857	.04254	.01156	.02185	.05746	.11946	.07383
Stddev	.00279	.00083	.00094	.00314	.00228	.00452	.00521
%RSD	15.031	1.9451	8.1174	14.374	3.9730	3.7852	7.0627

#1	.02142	.04162	.01053	.02299	.05543	.11848	.06935
#2	.01845	.04276	.01237	.01830	.05993	.11550	.07956
#3	.01584	.04323	.01178	.02426	.05702	.12438	.07259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	.00579	2.1089	.01067	.03296	.01867	.11182
Stddev	.00006	.00008	.0071	.00029	.00028	.00017	.00068
%RSD	.87129	1.3250	.33808	2.7493	.85417	.88630	.61214

#1	.00647	.00570	2.1024	.01069	.03266	.01849	.11169
#2	.00647	.00582	2.1078	.01037	.03323	.01874	.11256
#3	.00637	.00585	2.1165	.01096	.03298	.01880	.11121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02003	2.1421	.04322	.01109	1.7718	.04382	.04347
Stddev	.00017	.0198	.00046	.00047	.0056	.00082	.00012
%RSD	.84541	.92334	1.0716	4.2355	.31790	1.8809	.26923

#1	.02020	2.1374	.04307	.01082	1.7670	.04463	.04336
#2	.02003	2.1251	.04374	.01163	1.7705	.04384	.04360
#3	.01986	2.1638	.04286	.01082	1.7780	.04298	.04346

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8864	.20402	.10876	F -.00052	.49043	.04041	.04363
Stddev	.0207	.00089	.00937	.00855	.00543	.00051	.00183
%RSD	1.0993	.43417	8.6174	1636.1	1.1079	1.2609	4.1872

#1	1.8720	.20308	.09821	.00454	.49450	.04069	.04516
#2	1.8771	.20484	.11197	.00429	.48426	.04071	.04161
#3	1.9102	.20415	.11611	-.01040	.49252	.03982	.04411

Sample Name: CRI01 Acquired: 3/12/2019 11:56:33 Type: Unk
Method: P4-ICP2(v2936) 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	F .01204	.0162	.02043	F 2.3470	F .34097
Stddev	.00167	.0010	.00008	.2000	.59650
%RSD	13.911	6.058	.37673	8.5225	174.94
#1	.01291	.0169	.02045	2.1559	.10210
#2	.01011	.0151	.02034	2.5549	1.0199
#3	.01310	.0166	.02049	2.3301	-.09908
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4095.7	43112.	5269.2	32.667	4130.6
Stddev	1.2	94.	40.4	.536	2.1
%RSD	.03010	.21734	.76593	1.6403	.05169
#1	4096.7	43155.	5238.6	32.098	4129.4
#2	4094.3	43005.	5314.9	32.743	4133.0
#3	4096.1	43177.	5254.0	33.161	4129.3

Sample Name: ICSA01 Acquired: 3/12/2019 12:00:59 Type: Unk
 Method: P4-ICP2(v2936) 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	-.00648	-.00657	-.00518	-.00904	-.00235	280.27	-.03210	.00124
Stddev	.00204	.00331	.00122	.00504	.00281	1.72	.00411	.00005
%RSD	31.537	50.277	23.459	55.676	119.96	.61200	12.818	3.7630

#1	-.00835	-.00743	-.00658	-.00350	-.00513	278.40	-.02745	.00122
#2	-.00679	-.00293	-.00460	-.01029	.00050	280.66	-.03357	.00120
#3	-.00430	-.00937	-.00437	-.01334	-.00241	281.76	-.03527	.00129

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	244.36	.05050	-.00104	.00187	89.704	.01252	253.16
Stddev	.00003	2.71	.00082	.00011	.00035	1.096	.00009	3.03
%RSD	.87767	1.1078	1.6155	10.653	18.933	1.2217	.71634	1.1978

#1	-.00348	246.98	.04961	-.00093	.00184	90.859	.01244	256.29
#2	-.00354	244.54	.05070	-.00106	.00153	89.573	.01261	252.95
#3	-.00350	241.57	.05120	-.00115	.00224	88.679	.01252	250.24

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00421	-.00947	-.19034	.00104	-.01491	.01636	.00070	-.04083
Stddev	.00064	.00040	.01355	.00073	.00027	.01986	.00026	.00647
%RSD	15.234	4.2217	7.1163	69.888	1.8150	121.35	36.331	15.834

#1	-.00485	-.00978	-.19208	.00144	-.01523	-.00641	.00044	-.04348
#2	-.00422	-.00902	-.17602	.00020	-.01475	.02545	.00072	-.03346
#3	-.00356	-.00962	-.20294	.00148	-.01477	.03004	.00095	-.04556

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01834	-.00646	.01004	-.00384	.01874	-.0025	.00475	4.4531
Stddev	.01540	.00083	.00069	.00180	.00205	.0012	.00085	.1306
%RSD	83.959	12.775	6.8943	46.963	10.945	48.02	17.884	2.9336

#1	-.02348	-.00653	.01063	-.00186	.01702	-.0039	.00378	4.3278
#2	-.03051	-.00561	.00928	-.00539	.02101	-.0018	.00512	4.4430
#3	-.00103	-.00725	.01022	-.00428	.01818	-.0019	.00535	4.5885

Sample Name: ICSA01 Acquired: 3/12/2019 12:00:59 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.8474
%RSD	1.0104

#1	-278.53
#2	-283.42
#3	-283.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.6	38045.	5114.9	30.290	3381.6
Stddev	12.1	103.	77.7	1.599	4.8
%RSD	.32967	.26977	1.5197	5.2778	.14071

#1	3685.2	38153.	5038.3	29.546	3386.4
#2	3672.2	38034.	5112.9	29.199	3376.8
#3	3696.4	37949.	5193.7	32.125	3381.5

Sample Name: ICSAB01 Acquired: 3/12/2019 12:05:30 Type: Unk
 Method: P4-ICP2(v2936) 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	.09403	.08662	.04725	.04756	.61853	283.45	.43589	.52722
Stddev	.00564	.00019	.00228	.00585	.00867	.75	.00502	.00557
%RSD	5.9944	.22367	4.8273	12.294	1.4009	.26303	1.1507	1.0561

#1	.10054	.08681	.04607	.04083	.60855	283.27	.43101	.52181
#2	.09058	.08642	.04581	.05140	.62294	284.27	.43564	.52691
#3	.09098	.08663	.04988	.05046	.62411	282.81	.44103	.53293

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98286	244.72	.54932	.50466	.47620	89.156	.49180	253.80
Stddev	.01097	1.84	.00462	.00620	.00625	.336	.00575	1.97
%RSD	1.1162	.74995	.84195	1.2281	1.3122	.37668	1.1693	.77551

#1	.97206	244.10	.54580	.49779	.46900	89.275	.48613	253.24
#2	.98253	246.79	.54760	.50635	.47944	89.417	.49166	255.98
#3	.99400	243.28	.55455	.50983	.48016	88.777	.49763	252.17

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97316	.17194	-.17901	.47959	1.0689	.02098	1.0136	.85850
Stddev	.01106	.00226	.01574	.00697	.0125	.02459	.0156	.00304
%RSD	1.1362	1.3122	8.7905	1.4540	1.1719	117.23	1.5423	.35448

#1	.96087	.16940	-.19541	.47457	1.0569	.03668	.99580	.85498
#2	.97631	.17270	-.17756	.47664	1.0678	.03362	1.0199	.86023
#3	.98229	.17371	-.16404	.48755	1.0819	-.00736	1.0251	.86028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0405	.87893	1.0219	.93540	1.0067	1.042	1.0215	4.8978
Stddev	.0175	.01529	.0118	.00488	.0031	.017	.0093	.0787
%RSD	1.6790	1.7399	1.1537	.52203	.31232	1.630	.91187	1.6076

#1	1.0229	.86174	1.0084	.93053	1.0070	1.023	1.0194	4.9762
#2	1.0407	.88404	1.0280	.94029	1.0097	1.047	1.0317	4.8188
#3	1.0578	.89102	1.0295	.93539	1.0034	1.056	1.0134	4.8983

Sample Name: ICSAB01 Acquired: 3/12/2019 12:05:30 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 3.5335
 %RSD 1.2707

#1 -281.29
 #2 -274.29
 #3 -278.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.7	37583.	5114.9	29.285	3337.7
Stddev	3.3	65.	28.4	.188	10.3
%RSD	.09148	.17239	.55493	.64119	.30912

#1	3644.7	37520.	5111.9	29.434	3326.3
#2	3647.1	37650.	5088.2	29.346	3346.3
#3	3651.3	37578.	5144.7	29.074	3340.6

Sample Name: CCV01 Acquired: 3/12/2019 12:21:08 Type: Unk
Method: P4-ICP2(v2936) 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	5.0241	4.9828	5.0034	5.0367	5.0580	10.288	10.008	.25231
Stddev	.0059	.0043	.0173	.0021	.0064	.172	.093	.00018
%RSD	.11702	.08652	.34623	.04063	.12566	1.6756	.93168	.07305
#1	5.0280	4.9841	4.9975	5.0382	5.0533	10.124	9.9619	.25210
#2	5.0174	4.9862	4.9898	5.0375	5.0555	10.271	10.115	.25240
#3	5.0271	4.9779	5.0229	5.0344	5.0652	10.468	9.9467	.25244
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4630	24.523	1.0264	2.5086	1.2242	4.8500	2.5324	24.287
Stddev	.0031	.209	.0052	.0033	.0033	.0133	.0060	.211
%RSD	.12685	.85356	.50243	.13218	.26605	.27433	.23854	.86871
#1	2.4652	24.289	1.0218	2.5088	1.2205	4.8426	2.5267	24.085
#2	2.4594	24.693	1.0253	2.5053	1.2257	4.8654	2.5318	24.506
#3	2.4643	24.587	1.0320	2.5119	1.2265	4.8421	2.5387	24.270
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4476	1.2905	25.350	2.4316	2.5198	25.854	4.9215	4.7650
Stddev	.0051	.0062	.243	.0050	.0016	.237	.0064	.0522
%RSD	.21013	.47973	.96021	.20383	.06348	.91772	.13044	1.0946
#1	2.4518	1.2874	25.208	2.4355	2.5199	25.726	4.9191	4.7066
#2	2.4419	1.2865	25.631	2.4260	2.5182	26.127	4.9167	4.8071
#3	2.4491	1.2977	25.210	2.4333	2.5214	25.708	4.9288	4.7812
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8738	4.8143	4.8562	4.9790	4.7950	4.924	4.9807	F 4.1269
Stddev	.0278	.0337	.0069	.0117	.0338	.006	.0400	.0950
%RSD	.57108	.70037	.14321	.23447	.70585	.1274	.80221	2.3016
#1	4.9008	4.8019	4.8520	4.9701	4.7758	4.931	4.9712	4.0865
#2	4.8754	4.8524	4.8524	4.9922	4.8341	4.919	5.0245	4.0587
#3	4.8452	4.7884	4.8642	4.9748	4.7752	4.923	4.9463	4.2354

Sample Name: CCV01 Acquired: 3/12/2019 12:21:08 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1775
Stddev	1.9751
%RSD	62.161

#1	1.9243
#2	5.4543
#3	2.1538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.1	40520.	5262.3	29.723	3686.9
Stddev	6.5	67.	50.1	1.323	.9
%RSD	.16552	.16436	.95171	4.4499	.02400

#1	3911.8	40580.	5247.4	29.968	3686.8
#2	3898.9	40531.	5221.4	28.295	3687.9
#3	3904.7	40448.	5318.2	30.907	3686.1

Sample Name: LLCCV01 Acquired: 3/12/2019 12:25:08 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02008	.04353	.01102	.02162	.05798	.09594	.08159	.00639
Stddev	.00196	.00090	.00079	.00084	.00078	.00854	.00347	.00007
%RSD	9.7526	2.0578	7.1726	3.8736	1.3503	8.9027	4.2558	1.1140
#1	.02054	.04395	.01193	.02236	.05775	.08628	.08292	.00647
#2	.02178	.04250	.01062	.02071	.05886	.10249	.07765	.00633
#3	.01794	.04414	.01051	.02178	.05735	.09905	.08420	.00636
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	2.0945	.01083	.03313	.02116	.10887	.02266	2.1903
Stddev	.00005	.0207	.00062	.00010	.00027	.00067	.00005	.0989
%RSD	.84719	.98724	5.7654	.29904	1.2575	.61128	.20099	4.5151
#1	.00584	2.0708	.01067	.03319	.02095	.10841	.02270	2.1453
#2	.00590	2.1040	.01030	.03318	.02108	.10963	.02267	2.3037
#3	.00580	2.1087	.01152	.03301	.02146	.10858	.02261	2.1220
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04318	.01086	1.6964	.04247	.04377	1.8958	.20262	.10643
Stddev	.00078	.00014	.0120	.00025	.00006	.0212	.00036	.01349
%RSD	1.8117	1.2666	.70991	.59590	.13511	1.1204	.17949	12.677
#1	.04228	.01078	1.6828	.04232	.04382	1.8765	.20289	.10997
#2	.04368	.01101	1.7009	.04276	.04379	1.8924	.20220	.09152
#3	.04357	.01078	1.7055	.04233	.04371	1.9185	.20276	.11779
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00114	F .48958	.04080	.04254	F .01252	.0168	.02048	F 3.0029
Stddev	.00508	.00331	.00059	.00186	.00069	.0003	.00001	.0570
%RSD	445.62	.67580	1.4521	4.3806	5.4796	1.563	.07063	1.8975
#1	.00414	.49237	.04147	.04383	.01325	.0167	.02049	2.9488
#2	.00401	.49044	.04059	.04040	.01190	.0171	.02046	3.0624
#3	-.00473	.48593	.04034	.04338	.01239	.0166	.02049	2.9975

Sample Name: LLCCV01 Acquired: 3/12/2019 12:25:08 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .63320
Stddev	.57824
%RSD	91.320

#1	.52262
#2	.11823
#3	1.2587

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4064.7	42578.	5343.4	32.680	4120.2
Stddev	10.1	42.	38.4	.623	4.1
%RSD	.24781	.09969	.71798	1.9074	.09843

#1	4055.6	42533.	5306.8	32.016	4117.9
#2	4075.5	42584.	5340.2	32.773	4117.7
#3	4063.0	42618.	5383.3	33.252	4124.8

Sample Name: CCB01 Acquired: 3/12/2019 12:34:45 Type: Unk
Method: P4-ICP2(v2936) 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	-.00077	-.00079	-.00270	.00289	-.00026	-.02208	-.02868
Stddev	.00153	.00095	.00090	.00056	.00085	.00489	.00711
%RSD	198.52	119.46	33.412	19.197	328.37	22.127	24.775

#1	-.00193	.00012	-.00189	.00227	.00018	-.02742	-.03053
#2	.00096	-.00177	-.00255	.00333	.00029	-.02099	-.03468
#3	-.00134	-.00074	-.00368	.00307	-.00125	-.01783	-.02083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00006	-.00487	-.00045	-.00009	-.00055	-.00282
Stddev	.00005	.00002	.01204	.00042	.00011	.00041	.00063
%RSD	291.58	27.414	247.22	93.211	122.73	74.871	22.510

#1	-.00003	-.00007	-.01877	-.00007	-.00012	-.00100	-.00355
#2	.00006	-.00004	.00241	-.00089	.00003	-.00018	-.00252
#3	.00002	-.00006	.00175	-.00038	-.00018	-.00047	-.00239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00062	.00066	.00019	-.29008	-.00032	.00001
Stddev	.00003	.03074	.00015	.00023	.00316	.00040	.00001
%RSD	79.068	4949.0	22.073	116.19	1.0894	126.74	87.271

#1	.00008	.01234	.00056	.00018	-.28643	-.00061	.00000
#2	.00002	-.03572	.00059	-.00003	-.29174	.00014	.00003
#3	.00002	.02152	.00083	.00042	-.29206	-.00048	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00913	.00013	.00415	F -.02771	.00082	-.00239	-.00153
Stddev	.00546	.00016	.00746	.01259	.00243	.00032	.00081
%RSD	59.774	127.01	179.54	45.441	294.70	13.193	52.972

#1	.00820	.00031	.00962	-.02084	.00007	-.00256	-.00062
#2	.01499	.00001	.00719	-.02005	-.00114	-.00203	-.00217
#3	.00419	.00006	-.00434	-.04225	.00354	-.00259	-.00181

Sample Name: CCB01 Acquired: 3/12/2019 12:34:45 Type: Unk
Method: P4-ICP2(v2936) 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	F -.01257	-.0021	-.00001	F 2.9913	F .59229
Stddev	.00567	.0004	.00012	.1989	1.3712
%RSD	45.074	17.99	2207.7	6.6496	231.50

#1	-.01724	-.0020	-.00002	2.9305	2.0540
#2	-.00627	-.0025	.00012	2.8299	.38823
#3	-.01420	-.0017	-.00011	3.2135	-.66540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4056.7	42660.	5359.3	32.158	4123.7
Stddev	3.3	58.	31.9	.329	7.0
%RSD	.08145	.13650	.59544	1.0224	.16979

#1	4052.8	42727.	5373.1	32.011	4116.7
#2	4058.6	42626.	5381.9	31.927	4130.7
#3	4058.5	42626.	5322.8	32.534	4123.7

Sample Name: LR CHECK 1 Acquired: 3/12/2019 12:43:23 Type: Unk
Method: P4-ICP2(v2936) 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	-.17392	-.12871	.04420	-.73177	-.05837	2078.2	-.05386	.05412
Stddev	.01091	.00349	.00227	.01138	.00300	6.1	.00384	.00028
%RSD	6.2708	2.7096	5.1323	1.5554	5.1372	.29286	7.1209	.51123
#1	-.16283	-.12556	.04527	-.74489	-.06042	2071.6	-.05054	.05395
#2	-.18463	-.13246	.04160	-.72458	-.05977	2083.6	-.05299	.05397
#3	-.17430	-.12812	.04574	-.72584	-.05493	2079.4	-.05806	.05444
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09768	1722.5	-.08577	.08835	1.0321	829.22	-.01022	1758.7
Stddev	.00073	26.9	.00169	.00025	.0053	10.40	.00013	25.2
%RSD	.75163	1.5616	1.9670	.28783	.51045	1.2544	1.2309	1.4315
#1	.09728	1752.0	-.08751	.08864	1.0266	839.64	-.01036	1780.5
#2	.09853	1699.4	-.08414	.08815	1.0371	818.84	-.01011	1731.1
#3	.09724	1716.0	-.08565	.08826	1.0326	829.17	-.01020	1764.4
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09594	-.32461	1701.9	.00565	.15316	989.91	-.01440	-2.1975
Stddev	.00095	.00352	29.4	.00068	.00197	10.38	.00090	.0215
%RSD	.98519	1.0841	1.7284	12.061	1.2836	1.0486	6.2746	.97616
#1	.09703	-.32096	1725.9	.00578	.15105	1000.9	-.01370	-2.1931
#2	.09543	-.32490	1669.1	.00491	.15495	980.32	-.01409	-2.1786
#3	.09536	-.32798	1710.7	.00625	.15348	988.48	-.01542	-2.2208
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10687	-.02033	.09681	-.06643	.19273	.0505	-.89923	1.5557
Stddev	.06052	.00257	.00101	.00088	.00080	.0091	.01142	.2032
%RSD	56.626	12.664	1.0402	1.3192	.41370	18.10	1.2705	13.060
#1	-.09421	-.01989	.09677	-.06543	.19192	.0466	-.91079	1.7029
#2	-.17272	-.02310	.09783	-.06681	.19351	.0610	-.88795	1.6403
#3	-.05368	-.01801	.09582	-.06706	.19276	.0440	-.89895	1.3239

Sample Name: LR CHECK 1 Acquired: 3/12/2019 12:43:23 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 25.403
%RSD .45564

#1 -5550.3
#2 -5574.3
#3 -5601.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2704.1	27403.	4511.7	26.812	2053.7
Stddev	4.2	4.	67.2	.968	3.8
%RSD	.15586	.01602	1.4884	3.6119	.18586

#1	2707.2	27408.	4446.7	25.935	2055.5
#2	2705.8	27403.	4580.8	26.651	2056.3
#3	2699.3	27399.	4507.5	27.851	2049.3

Sample Name: LR CHECK 2 Acquired: 3/12/2019 12:48:27 Type: Unk
Method: P4-ICP2(v2936) 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	-.00505	-.01343	267.63	.02602	-.09165	-.18195	95.285	-.00035
Stddev	.00302	.00116	1.21	.00237	.00056	.00632	.400	.00012
%RSD	59.832	8.6734	.45095	9.1154	.60901	3.4727	.41964	33.054

#1	-.00234	-.01367	267.63	.02822	-.09116	-.18924	95.420	-.00034
#2	-.00449	-.01216	268.83	.02351	-.09153	-.17823	94.836	-.00024
#3	-.00831	-.01446	266.42	.02634	-.09225	-.17837	95.601	-.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01466	.33864	-.14309	-.00766	227.03	-.61827	44.836	-.03737
Stddev	.00012	.00281	.00061	.00019	1.27	.00325	.128	.04684
%RSD	.81365	.82949	.42878	2.4865	.55920	.52598	.28471	125.34

#1	-.01456	.33592	-.14330	-.00778	227.50	-.61672	44.953	.01018
#2	-.01464	.33845	-.14357	-.00776	228.00	-.62201	44.856	-.08347
#3	-.01480	.34153	-.14240	-.00744	225.59	-.61608	44.700	-.03882

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.520	.00518	2.1960	-.13700	37.665	7.1697	-.00163	-.00255
Stddev	.121	.00029	.2660	.00083	.042	1.1855	.00051	.00961
%RSD	.23404	5.6822	12.112	.60828	.11104	16.535	31.442	377.37

#1	51.434	.00502	2.4599	-.13792	37.617	8.4289	-.00117	.00666
#2	51.468	.00552	2.2001	-.13680	37.692	7.0051	-.00218	-.00179
#3	51.658	.00500	1.9280	-.13629	37.686	6.0751	-.00152	-.01251

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02939	.01500	.00120	.02135	.00427	-.1321	.00300	4.2606
Stddev	.00670	.00052	.00067	.00026	.00180	.0047	.00011	.1063
%RSD	22.805	3.4723	55.636	1.2046	42.274	3.586	3.7831	2.4939

#1	-.03281	.01556	.00183	.02105	.00618	-.1274	.00292	4.2153
#2	-.03369	.01490	.00050	.02150	.00403	-.1369	.00294	4.3820
#3	-.02167	.01453	.00126	.02149	.00259	-.1320	.00313	4.1844

Sample Name: LR CHECK 2 Acquired: 3/12/2019 12:48:27 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	40.807
Stddev	.669
%RSD	1.6403

#1	41.374
#2	40.069
#3	40.978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.7	41906.	5413.5	28.480	3743.8
Stddev	8.6	163.	24.2	1.014	10.8
%RSD	.24069	.38890	.44731	3.5594	.28802

#1	3587.7	41758.	5386.8	29.152	3756.3
#2	3572.6	41880.	5419.8	28.973	3737.1
#3	3572.9	42080.	5433.9	27.314	3738.2

Sample Name: K1807-21 Acquired: 3/12/2019 12:52:52 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09527	-.02786	.07088	-.00586	-.01754	260.97	.43702
Stddev	.00103	.00156	.00117	.00635	.00054	1.29	.00631
%RSD	1.0852	5.5959	1.6440	108.44	3.0579	.49248	1.4444

#1	.09634	-.02628	.07045	.00140	-.01733	260.36	.44429
#2	.09520	-.02940	.07220	-.00858	-.01815	262.44	.43297
#3	.09427	-.02790	.07000	-.01040	-.01714	260.09	.43380

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01649	-.00721	4.4342	.33196	.09586	.12692	276.08
Stddev	.00023	.00028	.0495	.00166	.00050	.00092	1.48
%RSD	1.4181	3.8337	1.1157	.50120	.51989	.72511	.53777

#1	.01622	-.00751	4.4913	.33006	.09574	.12591	277.79
#2	.01663	-.00714	4.4035	.33315	.09543	.12712	275.09
#3	.01661	-.00697	4.4078	.33268	.09640	.12772	275.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2425	8.6331	.13311	-.03332	.35511	.43417	.29874
Stddev	.0037	.1026	.00027	.00010	.01279	.00149	.00120
%RSD	.30109	1.1886	.20497	.30782	3.6008	.34264	.40224

#1	1.2384	8.6957	.13341	-.03330	.36074	.43538	.29763
#2	1.2434	8.5147	.13289	-.03322	.36412	.43251	.29858
#3	1.2457	8.6890	.13302	-.03343	.34048	.43462	.30001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.521	.00279	-.14712	.27824	3.8271	.01415	1.3949
Stddev	.076	.00016	.00766	.00830	.0267	.00078	.0106
%RSD	.65613	5.6269	5.2072	2.9824	.69676	5.4935	.75671

#1	11.604	.00294	-.13863	.28577	3.8521	.01401	1.4071
#2	11.502	.00263	-.14922	.27960	3.7991	.01346	1.3884
#3	11.456	.00281	-.15351	.26934	3.8302	.01499	1.3893

Sample Name: K1807-21 Acquired: 3/12/2019 12:52:52 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8010 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04201	6.105	-.28580	1.6453	F<.00000
Stddev	.00311	.036	.00159	.0521	1.6555
%RSD	7.4071	.5890	.55597	3.1669	.12636

#1	.03985	6.089	-.28762	1.5889	-1311.3
#2	.04061	6.081	-.28473	1.6556	-1308.2
#3	.04558	6.147	-.28504	1.6916	-1311.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4250.3	43621.	5958.9	31.928	3684.0
Stddev	3.5	77.	42.3	.501	2.4
%RSD	.08215	.17542	.70988	1.5690	.06589

#1	4249.7	43709.	5916.1	31.575	3686.5
#2	4247.1	43582.	6000.7	31.708	3681.6
#3	4254.0	43571.	5959.7	32.502	3684.0

Sample Name: K1807-21DUP Acquired: 3/12/2019 12:57:20 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09404	-.02775	.06484	-.01104	-.01815	263.01	.43175
Stddev	.00269	.00311	.00181	.00036	.00147	.66	.00274
%RSD	2.8597	11.190	2.7877	3.2514	8.1049	.25161	.63469

#1	.09712	-.03034	.06691	-.01070	-.01925	262.95	.43185
#2	.09215	-.02862	.06359	-.01099	-.01872	263.70	.43444
#3	.09286	-.02431	.06402	-.01142	-.01648	262.38	.42896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01638	-.00673	4.4592	.33283	.09619	.12524	274.80
Stddev	.00046	.00025	.0279	.00080	.00029	.00097	2.07
%RSD	2.8272	3.6570	.62576	.23923	.30434	.77243	.75254

#1	.01600	-.00699	4.4332	.33191	.09639	.12594	276.94
#2	.01626	-.00672	4.4557	.33329	.09586	.12413	274.63
#3	.01690	-.00650	4.4887	.33328	.09633	.12563	272.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2432	8.6020	.13209	-.03345	.12049	.43671	.29642
Stddev	.0020	.0207	.00149	.00060	.00111	.00336	.00179
%RSD	.16201	.24069	1.1256	1.7812	.91814	.76924	.60319

#1	1.2452	8.6039	.13378	-.03281	.12071	.43635	.29781
#2	1.2431	8.5804	.13152	-.03399	.11929	.44024	.29440
#3	1.2412	8.6217	.13097	-.03356	.12147	.43355	.29704

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.277	.00261	-.16414	.27413	3.8619	.01320	1.3964
Stddev	.158	.00048	.01636	.02049	.0247	.00066	.0081
%RSD	1.4008	18.458	9.9678	7.4733	.64001	5.0101	.58113

#1	11.408	.00221	-.14529	.25755	3.8744	.01381	1.3870
#2	11.323	.00315	-.17463	.26781	3.8779	.01329	1.4015
#3	11.102	.00247	-.17251	.29703	3.8334	.01250	1.4007

Sample Name: K1807-21DUP Acquired: 3/12/2019 12:57:20 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04013	6.126	-.28432	1.7251	F<.00000
Stddev	.00286	.025	.00236	.0988	6.8094
%RSD	7.1247	.4125	.83064	5.7304	.51614

#1	.04342	6.154	-.28676	1.8381	-1318.1
#2	.03832	6.104	-.28414	1.6822	-1313.2
#3	.03864	6.122	-.28205	1.6549	-1326.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4253.6	43434.	6002.5	33.261	3692.0
Stddev	6.4	159.	43.1	1.096	6.4
%RSD	.14956	.36614	.71849	3.2949	.17257

#1	4252.9	43318.	5958.3	32.111	3691.0
#2	4247.7	43369.	6004.7	33.378	3698.8
#3	4260.3	43616.	6044.5	34.293	3686.2

Sample Name: K1807-21LX5 Acquired: 3/12/2019 13:01:47 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01974	-.00485	.02388	.00750	-.00428	55.436	.06288
Stddev	.00244	.00121	.00136	.00313	.00125	.336	.00495
%RSD	12.366	25.045	5.6759	41.719	29.236	.60665	7.8681

#1	.01867	-.00585	.02481	.00484	-.00290	55.489	.06852
#2	.02253	-.00350	.02449	.00671	-.00460	55.077	.05925
#3	.01801	-.00520	.02232	.01094	-.00535	55.743	.06088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	-.00380	.97501	.07269	.01956	.02612	74.194
Stddev	.00007	.00004	.02754	.00138	.00006	.00032	.610
%RSD	2.4948	1.1109	2.8243	1.9032	.30938	1.2204	.82276

#1	.00282	-.00376	1.0066	.07427	.01963	.02635	74.894
#2	.00271	-.00381	.96232	.07168	.01952	.02575	73.772
#3	.00269	-.00384	.95610	.07213	.01953	.02626	73.916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27682	1.9582	.02639	-.00588	.06557	.09413	.05470
Stddev	.00065	.0580	.00034	.00035	.01257	.00187	.00014
%RSD	.23334	2.9626	1.2943	5.9531	19.175	1.9882	.24843

#1	.27750	1.9481	.02657	-.00600	.07940	.09629	.05461
#2	.27676	1.9058	.02659	-.00548	.06246	.09318	.05463
#3	.27621	2.0206	.02599	-.00614	.05484	.09293	.05486

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7305	.00060	-.01143	.05334	.70254	.00076	.30692
Stddev	.0667	.00039	.00328	.01686	.01114	.00041	.00125
%RSD	2.4435	65.840	28.665	31.601	1.5859	53.342	.40673

#1	2.8075	.00015	-.00903	.07249	.71511	.00115	.30793
#2	2.6902	.00086	-.01516	.04680	.69865	.00080	.30553
#3	2.6937	.00079	-.01010	.04073	.69387	.00034	.30731

Sample Name: K1807-21LX5 Acquired: 3/12/2019 13:01:47 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8010 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00550	1.225	-.07762	3.1295	F<.00000
Stddev	.00149	.003	.00066	.2243	3.4957
%RSD	27.193	.2285	.84704	7.1677	1.3881

#1	.00564	1.222	-.07838	2.9030	-255.54
#2	.00394	1.227	-.07717	3.1338	-251.34
#3	.00692	1.226	-.07732	3.3516	-248.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4093.0	42498.	5587.3	33.268	3958.1
Stddev	6.1	138.	34.8	.536	8.0
%RSD	.14944	.32429	.62293	1.6106	.20324

#1	4094.5	42478.	5547.6	33.275	3949.0
#2	4098.2	42644.	5612.9	32.729	3964.4
#3	4086.2	42371.	5601.3	33.801	3960.8

Sample Name: K1807-21MS Acquired: 3/12/2019 13:06:06 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91884	2.2157	1.2039	1.9904	.19244	353.33	.65803
Stddev	.00693	.0119	.0034	.0065	.00346	2.14	.01174
%RSD	.75438	.53558	.27807	.32392	1.7988	.60485	1.7848

#1	.91185	2.2205	1.2000	1.9978	.18844	355.49	.67126
#2	.92571	2.2022	1.2055	1.9867	.19450	351.22	.64883
#3	.91896	2.2243	1.2061	1.9866	.19437	353.29	.65400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23949	.21767	5.6049	.80891	.34334	.45562	289.12
Stddev	.00034	.00065	.0414	.00277	.00152	.00029	1.19
%RSD	.14319	.29955	.73808	.34200	.44290	.06269	.41140

#1	.23985	.21701	5.6246	.81010	.34321	.45533	290.48
#2	.23917	.21769	5.5574	.80574	.34188	.45590	288.28
#3	.23946	.21831	5.6328	.81087	.34492	.45562	288.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5460	11.686	.71847	.04666	2.8614	.77326	.58736
Stddev	.0017	.032	.00116	.00044	.0205	.00127	.00109
%RSD	.11140	.27218	.16165	.93713	.71598	.16461	.18515

#1	1.5475	11.723	.71748	.04688	2.8553	.77364	.58610
#2	1.5441	11.669	.71975	.04616	2.8843	.77431	.58807
#3	1.5463	11.667	.71820	.04694	2.8447	.77185	.58789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.672	.34326	.06575	.28571	5.9639	.69450	1.7683
Stddev	.274	.00103	.00371	.01081	.0287	.00234	.0071
%RSD	1.2092	.29930	5.6363	3.7829	.48151	.33730	.40100

#1	22.975	.34214	.06563	.29547	5.9857	.69376	1.7749
#2	22.441	.34417	.06210	.28757	5.9313	.69713	1.7608
#3	22.601	.34346	.06951	.27409	5.9745	.69262	1.7693

Sample Name: K1807-21MS Acquired: 3/12/2019 13:06:06 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25561	F 12.74	-.08509	2.2537	F<.00000
Stddev	.00185	.03	.00093	.0599	5.3367
%RSD	.72430	.2562	1.0950	2.6573	.36807

#1	.25620	12.78	-.08615	2.2939	-1446.5
#2	.25354	12.72	-.08440	2.1849	-1456.1
#3	.25710	12.73	-.08471	2.2822	-1447.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4197.4	42861.	5970.1	32.954	3592.5
Stddev	8.3	186.	51.8	.621	7.5
%RSD	.19706	.43406	.86771	1.8831	.20859

#1	4191.4	42668.	5919.9	32.907	3586.4
#2	4194.0	43039.	6023.4	33.597	3600.9
#3	4206.8	42878.	5967.1	32.359	3590.3

Sample Name: K1807-21MSD Acquired: 3/12/2019 13:10:25 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89960	2.1545	1.1673	1.9484	.19629	348.09	.65630
Stddev	.00407	.0008	.0041	.0037	.00298	2.20	.00374
%RSD	.45252	.03867	.34954	.19049	1.5189	.63335	.57028

#1	.90053	2.1553	1.1661	1.9527	.19709	348.32	.66053
#2	.89514	2.1536	1.1639	1.9466	.19299	350.17	.65341
#3	.90312	2.1546	1.1719	1.9459	.19879	345.78	.65496

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23268	.21053	5.5597	.77845	.33764	.44322	286.45
Stddev	.00076	.00029	.0093	.00452	.00088	.00126	.84
%RSD	.32660	.13678	.16661	.58114	.26122	.28390	.29184

#1	.23182	.21026	5.5587	.77689	.33668	.44236	285.53
#2	.23299	.21084	5.5695	.78355	.33782	.44264	287.16
#3	.23324	.21051	5.5510	.77491	.33841	.44466	286.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5646	11.535	.69920	.04634	2.7388	.75343	.58056
Stddev	.0036	.073	.00193	.00051	.0163	.00165	.00044
%RSD	.23222	.63722	.27557	1.1073	.59424	.21835	.07661

#1	1.5608	11.505	.70045	.04584	2.7229	.75154	.58062
#2	1.5680	11.481	.69698	.04687	2.7554	.75419	.58009
#3	1.5650	11.618	.70016	.04631	2.7381	.75456	.58098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.091	.34799	.05716	.28275	3.9850	.68801	1.6544
Stddev	.077	.00065	.00166	.00544	.0204	.00177	.0035
%RSD	.34928	.18671	2.9022	1.9232	.51326	.25708	.21206

#1	22.083	.34873	.05531	.28606	3.9662	.68608	1.6514
#2	22.172	.34752	.05765	.28570	3.9820	.68842	1.6582
#3	22.019	.34771	.05852	.27647	4.0068	.68955	1.6534

Sample Name: K1807-21MSD Acquired: 3/12/2019 13:10:25 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24831	F 12.51	-.08762	2.1784	F<.00000
Stddev	.00099	.02	.00096	.2079	9.3517
%RSD	.40014	.1486	1.1004	9.5421	.66350
#1	.24728	12.52	-.08671	2.2056	-1400.2
#2	.24927	12.49	-.08751	2.3713	-1409.3
#3	.24837	12.53	-.08863	1.9582	-1418.9
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.6	42808.	5937.4	31.770	3602.7
Stddev	15.2	255.	9.7	.067	4.1
%RSD	.36200	.59484	.16408	.21002	.11253
#1	4176.4	42832.	5947.6	31.783	3598.9
#2	4206.8	42542.	5928.2	31.829	3607.0
#3	4191.7	43050.	5936.4	31.698	3602.2

Sample Name: K1807-21A Acquired: 3/12/2019 13:14:44 Type: Unk
Method: P4-ICP2(v2936) 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	.93039	2.2516	1.2158	2.0193	.19755	353.29	.65467
Stddev	.00665	.0155	.0095	.0043	.00135	.41	.00633
%RSD	.71437	.68726	.78533	.21166	.68388	.11538	.96630

#1	.92675	2.2441	1.2118	2.0151	.19887	353.76	.66176
#2	.93806	2.2694	1.2267	2.0236	.19762	353.10	.64962
#3	.92636	2.2413	1.2089	2.0192	.19617	353.02	.65262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24107	.21977	5.5772	.81304	.34510	.46017	289.88
Stddev	.00177	.00124	.0190	.00178	.00139	.00232	1.07
%RSD	.73220	.56414	.34063	.21913	.40136	.50504	.36989

#1	.23921	.21921	5.5574	.81222	.34462	.45803	291.12
#2	.24129	.22120	5.5789	.81182	.34666	.46264	289.18
#3	.24272	.21892	5.5953	.81509	.34402	.45985	289.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5426	11.661	.72374	.04825	2.8303	.77857	.58892
Stddev	.0037	.030	.00496	.00010	.0136	.00217	.00093
%RSD	.24331	.26126	.68503	.20826	.48095	.27820	.15785

#1	1.5388	11.658	.72315	.04836	2.8423	.77607	.58945
#2	1.5463	11.692	.72897	.04816	2.8155	.77992	.58945
#3	1.5428	11.632	.71911	.04824	2.8331	.77972	.58784

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.649	.35006	.06458	.28133	4.6570	.69804	1.7288
Stddev	.240	.00335	.00190	.02211	.0250	.00306	.0046
%RSD	1.0606	.95727	2.9406	7.8591	.53602	.43901	.26586

#1	22.900	.34724	.06674	.25591	4.6794	.69859	1.7340
#2	22.625	.35376	.06379	.29200	4.6616	.70079	1.7253
#3	22.421	.34916	.06320	.29608	4.6301	.69474	1.7270

Sample Name: K1807-21A Acquired: 3/12/2019 13:14:44 Type: Unk
 Method: P4-ICP2(v2936) 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	.25536	F 12.85	-.08398	2.1770	F<.00000
Stddev	.00107	.05	.00154	.0699	8.6186
%RSD	.42085	.3625	1.8298	3.2090	.59560

#1	.25592	12.81	-.08574	2.1739	-1449.0
#2	.25412	12.90	-.08324	2.1088	-1454.5
#3	.25603	12.85	-.08295	2.2484	-1437.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4180.6	42731.	5962.4	32.308	3584.6
Stddev	2.0	36.	25.1	.971	2.6
%RSD	.04770	.08439	.42084	3.0049	.07320

#1	4182.7	42739.	5934.0	33.208	3582.2
#2	4178.7	42762.	5971.4	32.436	3584.2
#3	4180.5	42691.	5981.7	31.280	3587.4

Sample Name: K1668-01 Acquired: 3/12/2019 13:27:57 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00016	.02054	.00330	-.00400	.06851	.35747	.00006
Stddev	.00062	.00167	.00038	.00447	.00204	.01156	.00163	.00009
%RSD	58.778	1044.0	1.8707	135.49	50.990	16.876	.45462	161.40
#1	.00170	-.00091	.02096	-.00044	-.00432	.07963	.35592	-.00001
#2	.00103	.00176	.02043	.00825	-.00586	.06934	.35916	.00016
#3	.00045	-.00133	.02022	.00209	-.00182	.05656	.35731	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	162.01	.00038	-.00025	.00136	.13737	.05942	66.026
Stddev	.00007	2.16	.00037	.00033	.00027	.00180	.00028	.242
%RSD	45.942	1.3331	95.477	129.89	20.025	1.3088	.47107	.36594
#1	-.00008	163.39	.00014	-.00055	.00159	.13729	.05917	65.856
#2	-.00022	159.52	.00080	-.00032	.00106	.13561	.05936	65.921
#3	-.00014	163.12	.00021	.00010	.00143	.13920	.05972	66.303
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00111	58.008	.00792	.04051	2.6727	.00105	.45904
Stddev	.00026	.00022	.415	.00028	.00049	.0507	.00040	.00689
%RSD	46.634	20.086	.71624	3.5139	1.2153	1.8957	38.398	1.5011
#1	-.00049	-.00135	58.256	.00821	.04053	2.6560	.00065	.46398
#2	-.00083	-.00104	57.529	.00766	.04099	2.6324	.00146	.45117
#3	-.00033	-.00092	58.240	.00790	.04000	2.7296	.00104	.46198
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.371	F 27.784	-.01620	-.00680	.02393	.0774	1.8650	4.2641
Stddev	.309	.248	.00049	.00121	.00153	.0015	.0168	.0479
%RSD	.76435	.89301	3.0373	17.873	6.3923	1.890	.90045	1.1236
#1	40.400	27.716	-.01638	-.00540	.02218	.0789	1.8772	4.2233
#2	40.664	27.576	-.01564	-.00745	.02461	.0773	1.8459	4.2522
#3	40.048	28.058	-.01658	-.00754	.02500	.0760	1.8721	4.3169

Sample Name: K1668-01 Acquired: 3/12/2019 13:27:57 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.854
Stddev	1.742
%RSD	14.700

#1	12.007
#2	10.040
#3	13.515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3795.0	39828.	5430.0	31.871	3678.2
Stddev	7.6	63.	41.5	1.054	23.6
%RSD	.20004	.15791	.76381	3.3063	.64160

#1	3789.3	39889.	5432.4	31.469	3669.4
#2	3792.0	39832.	5470.2	33.066	3660.2
#3	3803.6	39763.	5387.3	31.077	3704.9

Sample Name: K1668-03 Acquired: 3/12/2019 13:32:20 Type: Unk
Method: P4-ICP2(v2936) 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	.00127	-.00227	.00382	.00324	-.00284	.67162	.04623	.00004
Stddev	.00208	.00106	.00065	.00248	.00150	.01547	.00190	.00003
%RSD	163.87	46.705	17.123	76.688	52.934	2.3035	4.1170	85.549
#1	.00169	-.00251	.00443	.00426	-.00211	.68823	.04775	.00004
#2	.00311	-.00111	.00388	.00041	-.00183	.66902	.04686	.00000
#3	-.00099	-.00318	.00313	.00504	-.00456	.65762	.04410	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	62.551	.00072	-.00001	.00116	.21819	.12861	23.925
Stddev	.00008	.164	.00032	.00006	.00084	.00149	.00114	.053
%RSD	34.612	.26158	44.500	525.40	72.586	.68505	.88422	.22344
#1	-.00015	62.696	.00105	-.00007	.00084	.21649	.12732	23.895
#2	-.00023	62.374	.00069	.00002	.00212	.21930	.12903	23.893
#3	-.00032	62.584	.00041	.00002	.00053	.21879	.12947	23.987
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00016	257.19	.00083	.02270	4.1450	.00094	.18261
Stddev	.00049	.00061	4.10	.00064	.00028	.0557	.00017	.01174
%RSD	96.759	392.82	1.5958	76.793	1.2326	1.3443	18.182	6.4316
#1	-.00004	.00076	261.67	.00156	.02265	4.1320	.00113	.17221
#2	.00090	.00018	256.27	.00042	.02245	4.2060	.00081	.19535
#3	.00067	-.00047	253.62	.00051	.02300	4.0969	.00088	.18026
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.937	2.5181	-.00863	.00283	-.00568	.0214	.63865	4.5677
Stddev	.105	.0204	.00033	.00058	.00205	.0021	.00126	.1618
%RSD	.55428	.80966	3.8273	20.554	36.019	9.708	.19774	3.5420
#1	18.860	2.4972	-.00857	.00344	-.00468	.0204	.63982	4.7472
#2	18.896	2.5191	-.00898	.00229	-.00804	.0200	.63731	4.5228
#3	19.057	2.5379	-.00833	.00275	-.00433	.0238	.63883	4.4331

Sample Name: K1668-03 Acquired: 3/12/2019 13:32:20 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.337
Stddev	.635
%RSD	5.1506

#1	11.665
#2	12.928
#3	12.417

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3793.6	39135.	5551.6	32.316	3639.6
Stddev	8.5	32.	17.1	.838	14.2
%RSD	.22429	.08180	.30850	2.5916	.38967

#1	3784.1	39172.	5538.1	32.460	3635.1
#2	3796.3	39120.	5570.9	31.415	3655.5
#3	3800.4	39114.	5545.7	33.072	3628.3

Sample Name: CCV02 Acquired: 3/12/2019 13:36:53 Type: Unk
Method: P4-ICP2(v2936) 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	5.1566	5.0521	5.0952	5.1808	5.2223	10.518	9.8326	.25706
Stddev	.0086	.0096	.0154	.0069	.0027	.040	.0786	.00061
%RSD	.16764	.18975	.30169	.13354	.05165	.37625	.79949	.23908
#1	5.1637	5.0591	5.1127	5.1886	5.2235	10.529	9.8832	.25770
#2	5.1590	5.0412	5.0839	5.1756	5.2241	10.551	9.7420	.25700
#3	5.1469	5.0561	5.0889	5.1782	5.2192	10.474	9.8725	.25647
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4827	25.027	1.0424	2.5547	1.2648	4.8795	2.5654	24.642
Stddev	.0050	.034	.0024	.0039	.0029	.0430	.0025	.057
%RSD	.19919	.13633	.23413	.15383	.23298	.88226	.09701	.23077
#1	2.4874	24.988	1.0406	2.5586	1.2648	4.8751	2.5671	24.637
#2	2.4775	25.044	1.0414	2.5508	1.2618	4.8389	2.5625	24.701
#3	2.4833	25.050	1.0452	2.5547	1.2677	4.9246	2.5664	24.587
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4546	1.3276	24.840	2.4172	2.5905	26.062	4.9469	4.6962
Stddev	.0039	.0014	.253	.0037	.0031	.210	.0032	.0231
%RSD	.15947	.10263	1.0181	.15328	.12023	.80748	.06537	.49266
#1	2.4569	1.3287	25.032	2.4173	2.5933	26.207	4.9445	4.7208
#2	2.4501	1.3279	24.554	2.4209	2.5872	25.820	4.9455	4.6748
#3	2.4569	1.3261	24.936	2.4134	2.5912	26.158	4.9505	4.6932
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0866	4.8133	4.8429	5.0583	4.7005	5.021	5.0625	4.5058
Stddev	.0272	.0292	.0053	.0053	.0385	.016	.0332	.0210
%RSD	.53409	.60575	.10832	.10498	.81889	.3134	.65571	.46505
#1	5.0737	4.8232	4.8483	5.0559	4.7238	5.025	5.0801	4.5270
#2	5.1178	4.7804	4.8427	5.0546	4.6560	5.034	5.0242	4.4851
#3	5.0683	4.8362	4.8378	5.0644	4.7216	5.003	5.0833	4.5053

Sample Name: CCV02 Acquired: 3/12/2019 13:36:53 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .97851
Stddev	.95122
%RSD	97.211

#1	.24405
#2	.63846
#3	2.0530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.1	40419.	5418.5	29.456	3678.7
Stddev	5.1	82.	26.4	1.109	5.9
%RSD	.13218	.20259	.48716	3.7665	.16093

#1	3870.1	40341.	5396.4	29.220	3673.3
#2	3865.0	40411.	5447.7	30.664	3677.8
#3	3875.2	40504.	5411.3	28.483	3685.0

Sample Name: CCB02 Acquired: 3/12/2019 13:40:53 Type: Unk
Method: P4-ICP2(v2936) 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	-.00227	-.00153	F .00498	.00266	-.00029	-.00478	-.04324
Stddev	.00132	.00056	.00048	.00088	.00125	.00866	.00416
%RSD	58.147	36.779	9.6974	33.000	434.57	181.38	9.6179

#1	-.00376	-.00200	.00544	.00305	.00100	-.00211	-.04608
#2	-.00182	-.00170	.00502	.00327	-.00036	-.01446	-.04517
#3	-.00124	-.00091	.00448	.00165	-.00150	.00224	-.03847

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00004	-.00027	-.00018	.00009	-.00047	-.00363
Stddev	.00006	.00004	.00392	.00059	.00019	.00046	.00100
%RSD	337.15	100.76	1462.1	316.79	222.20	97.515	27.510

#1	.00008	-.00001	-.00122	-.00031	.00012	-.00082	-.00256
#2	-.00001	-.00002	-.00363	.00045	-.00012	-.00062	-.00380
#3	-.00002	-.00009	.00404	-.00070	.00027	.00005	-.00453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01112	.00076	.00026	-.11348	-.00036	-.00026
Stddev	.00004	.05376	.00033	.00046	.00633	.00065	.00007
%RSD	130.18	483.31	42.934	179.79	5.5760	181.66	26.546

#1	.00000	.02338	.00083	-.00027	-.11751	-.00013	-.00033
#2	-.00007	-.07306	.00041	.00043	-.11674	-.00108	-.00019
#3	-.00002	.01631	.00105	.00060	-.10619	.00014	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19386	.00015	.00175	-.00216	.00439	-.00166	.00021
Stddev	.00957	.00015	.00323	.00801	.00179	.00029	.00125
%RSD	4.9385	103.85	184.29	371.00	40.896	17.227	589.13

#1	.19100	-.00003	.00411	.00691	.00322	-.00142	.00109
#2	.18605	.00022	.00307	-.00512	.00645	-.00197	-.00122
#3	.20454	.00025	-.00193	-.00826	.00349	-.00158	.00077

Sample Name: CCB02 Acquired: 3/12/2019 13:40:53 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00658	-.0026	.00006	F 3.2594	F<.00000
Stddev	.00089	.0011	.00004	.1466	.68058
%RSD	13.550	41.16	65.080	4.4963	70.891

#1	-.00594	-.0034	.00009	3.3050	-.24081
#2	-.00619	-.0031	.00007	3.3777	-1.5939
#3	-.00759	-.0014	.00002	3.0955	-1.0454

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4022.9	42626.	5477.7	32.940	4111.9
Stddev	.4	125.	23.2	.562	3.2
%RSD	.01107	.29255	.42271	1.7068	.07766

#1	4022.5	42587.	5451.3	33.055	4108.4
#2	4022.7	42526.	5487.4	33.436	4114.6
#3	4023.4	42766.	5494.5	32.330	4112.7

Sample Name: K1807-27 Acquired: 3/12/2019 13:45:21 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08759	-.03530	.08932	-.04085	-.01862	313.86	.47539
Stddev	.00049	.00219	.00133	.00372	.00230	1.65	.00751
%RSD	.55438	6.1956	1.4877	9.1174	12.369	.52596	1.5794

#1	.08757	-.03487	.08853	-.04081	-.02046	312.90	.47973
#2	.08809	-.03335	.09085	-.04459	-.01936	315.77	.46672
#3	.08712	-.03766	.08857	-.03714	-.01604	312.92	.47972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01922	-.00082	4.2989	.35126	.10611	.14719	289.11
Stddev	.00022	.00047	.0546	.00154	.00039	.00135	3.89
%RSD	1.1290	57.611	1.2691	.43916	.36351	.91481	1.3463

#1	.01907	-.00123	4.3619	.35002	.10602	.14599	292.39
#2	.01912	-.00030	4.2661	.35299	.10578	.14865	284.81
#3	.01947	-.00094	4.2687	.35078	.10653	.14693	290.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4288	8.4644	.14371	-.04052	-.10024	.57003	.36031
Stddev	.0034	.1082	.00121	.00079	.00688	.00182	.00150
%RSD	.23793	1.2783	.83902	1.9496	6.8668	.32012	.41496

#1	1.4250	8.5112	.14254	-.04006	-.09573	.56935	.35994
#2	1.4315	8.3407	.14365	-.04143	-.10817	.56865	.35904
#3	1.4299	8.5413	.14495	-.04006	-.09684	.57210	.36196

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0078	.00382	-.22307	2.6920	2.6024	.01939	1.3336
Stddev	.0952	.00037	.00752	.0259	.0384	.00119	.0096
%RSD	1.0573	9.5828	3.3719	.96032	1.4769	6.1554	.71663

#1	9.0266	.00395	-.21705	2.7140	2.6286	.01986	1.3326
#2	8.9045	.00411	-.23150	2.6635	2.5583	.01803	1.3246
#3	9.0922	.00341	-.22066	2.6984	2.6204	.02026	1.3436

Sample Name: K1807-27 Acquired: 3/12/2019 13:45:21 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07507	7.200	-.29470	<.00000	F<.00000
Stddev	.00203	.023	.00428	.11277	12.644
%RSD	2.6992	.3135	1.4527	28.068	.72988

#1	.07727	7.188	-.29824	-.44812	-1718.5
#2	.07329	7.186	-.28994	-.27322	-1743.3
#3	.07465	7.226	-.29592	-.48399	-1735.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4638.6	47760.	6728.7	32.664	3577.6
Stddev	9.2	151.	103.1	.629	4.2
%RSD	.19813	.31691	1.5319	1.9253	.11842

#1	4630.6	47885.	6640.4	32.005	3574.2
#2	4648.6	47592.	6842.0	33.258	3582.3
#3	4636.6	47804.	6703.9	32.730	3576.2

Sample Name: K1807-29 Acquired: 3/12/2019 13:49:48 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09770	-.03834	.15171	-.05363	-.02152	279.00	.43260
Stddev	.00174	.00139	.00260	.00188	.00223	1.51	.00204
%RSD	1.7784	3.6256	1.7113	3.5095	10.375	.54271	.47111

#1	.09570	-.03953	.14909	-.05147	-.02136	279.52	.43103
#2	.09851	-.03681	.15428	-.05488	-.01937	280.18	.43491
#3	.09888	-.03866	.15174	-.05455	-.02382	277.29	.43186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01895	-.00146	3.8228	.35779	.28629	.18707	326.54
Stddev	.00070	.00005	.0397	.00151	.00056	.00088	1.79
%RSD	3.6980	3.1197	1.0380	.42193	.19601	.46952	.54751

#1	.01819	-.00146	3.7834	.35936	.28668	.18630	328.58
#2	.01958	-.00142	3.8224	.35766	.28653	.18802	325.24
#3	.01908	-.00151	3.8627	.35635	.28564	.18687	325.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4901	10.722	.15269	-.04380	-.11370	.56525	.39324
Stddev	.0017	.067	.00023	.00069	.00220	.00073	.00423
%RSD	.04793	.62174	.14951	1.5657	1.9353	.12975	1.0748

#1	3.4901	10.765	.15295	-.04330	-.11342	.56521	.39810
#2	3.4885	10.645	.15262	-.04459	-.11603	.56601	.39047
#3	3.4918	10.755	.15251	-.04353	-.11166	.56454	.39114

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1030	.00356	-.26705	3.2447	2.6441	.01813	1.4010
Stddev	.0612	.00045	.00597	.0378	.0042	.00044	.0067
%RSD	.67195	12.712	2.2354	1.1636	.15940	2.4369	.48159

#1	9.1502	.00338	-.26383	3.2204	2.6468	.01833	1.3970
#2	9.1249	.00323	-.26338	3.2882	2.6392	.01762	1.3971
#3	9.0339	.00408	-.27394	3.2255	2.6463	.01843	1.4088

Sample Name: K1807-29 Acquired: 3/12/2019 13:49:48 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09898	6.458	-.33036	.16357	F<.00000
Stddev	.00143	.010	.00197	.10187	9.3171
%RSD	1.4497	.1618	.59617	62.280	.48635

#1	.09897	6.460	-.33262	.19788	-1926.4
#2	.10042	6.447	-.32903	.24385	-1911.4
#3	.09755	6.468	-.32942	.04897	-1909.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4458.5	46126.	6393.8	31.621	3570.0
Stddev	5.6	118.	16.6	.324	1.4
%RSD	.12529	.25483	.25977	1.0235	.03979

#1	4452.2	46074.	6386.3	31.815	3568.4
#2	4460.6	46044.	6412.8	31.248	3570.4
#3	4462.7	46261.	6382.2	31.802	3571.1

Sample Name: K1807-31 Acquired: 3/12/2019 13:54:14 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08032	-.04094	.08166	-.04632	-.01945	246.25	.30542
Stddev	.00176	.00149	.00070	.00370	.00185	.96	.00141
%RSD	2.1890	3.6390	.86107	7.9793	9.5002	.38990	.46017

#1	.08143	-.04257	.08244	-.04967	-.01794	245.65	.30590
#2	.08125	-.04061	.08148	-.04694	-.02151	247.36	.30652
#3	.07830	-.03965	.08107	-.04236	-.01889	245.73	.30384

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02114	-.00169	3.2469	.25109	.18364	.16504	308.49
Stddev	.00034	.00022	.0110	.00060	.00112	.00152	.51
%RSD	1.6079	13.193	.33783	.23765	.60850	.92109	.16397

#1	.02075	-.00193	3.2422	.25040	.18378	.16586	308.87
#2	.02136	-.00166	3.2595	.25146	.18469	.16598	308.68
#3	.02132	-.00149	3.2392	.25141	.18247	.16329	307.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1639	10.907	.15360	-.04074	-.11546	.47585	.38036
Stddev	.0063	.090	.00065	.00024	.00504	.00264	.00185
%RSD	.20004	.82647	.42395	.59647	4.3678	.55435	.48637

#1	3.1568	10.817	.15322	-.04048	-.11575	.47857	.38184
#2	3.1689	10.997	.15436	-.04096	-.12036	.47331	.38096
#3	3.1660	10.908	.15324	-.04077	-.11028	.47565	.37829

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8659	.00172	-.25279	1.8780	3.8808	.01418	1.8059
Stddev	.0306	.00038	.01216	.0087	.0124	.00061	.0084
%RSD	.44601	21.788	4.8100	.46450	.31999	4.2807	.46567

#1	6.8307	.00209	-.24136	1.8811	3.8720	.01390	1.7963
#2	6.8862	.00175	-.25144	1.8848	3.8755	.01488	1.8091
#3	6.8807	.00134	-.26557	1.8682	3.8950	.01377	1.8122

Sample Name: K1807-31 Acquired: 3/12/2019 13:54:14 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07928	9.111	-.31474	<.00000	F<.00000
Stddev	.00206	.049	.00047	.25604	10.429
%RSD	2.5922	.5379	.15036	160.58	.57610

#1	.08146	9.140	-.31513	-.42542	-1798.5
#2	.07738	9.140	-.31488	.08535	-1813.8
#3	.07900	9.055	-.31421	-.13827	-1818.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4513.6	46981.	6491.3	32.288	3598.6
Stddev	5.9	135.	31.6	1.533	5.8
%RSD	.13118	.28712	.48664	4.7492	.16186

#1	4507.1	46958.	6485.0	30.882	3593.9
#2	4518.5	46860.	6463.2	32.059	3596.9
#3	4515.3	47127.	6525.5	33.923	3605.1

Sample Name: K1807-33 Acquired: 3/12/2019 13:58:40 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07217	-.03707	.07215	-.00716	-.01238	150.90	.31841
Stddev	.00327	.00104	.00095	.00056	.00096	.44	.00296
%RSD	4.5240	2.8096	1.3117	7.8215	7.7877	.29115	.92957

#1	.07273	-.03777	.07242	-.00725	-.01127	150.58	.32178
#2	.07513	-.03756	.07293	-.00656	-.01300	150.71	.31623
#3	.06867	-.03587	.07109	-.00766	-.01288	151.40	.31723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01172	-.00591	2.4860	.23084	.10844	.11640	232.07
Stddev	.00023	.00010	.0138	.00053	.00091	.00022	1.55
%RSD	1.9934	1.6581	.55488	.22852	.84288	.18557	.66824

#1	.01176	-.00589	2.4952	.23142	.10904	.11657	233.74
#2	.01147	-.00582	2.4701	.23072	.10739	.11648	230.67
#3	.01193	-.00601	2.4926	.23039	.10890	.11616	231.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7342	11.974	.11060	-.02429	-.12768	.37607	.28314
Stddev	.0004	.143	.00023	.00060	.00643	.00312	.00035
%RSD	.01553	1.1902	.20565	2.4551	5.0321	.82879	.12476

#1	2.7346	12.137	.11075	-.02412	-.12047	.37278	.28350
#2	2.7343	11.872	.11034	-.02495	-.12980	.37898	.28279
#3	2.7338	11.914	.11072	-.02379	-.13278	.37646	.28314

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1670	.00215	-.11609	.98705	7.4640	.01015	2.3239
Stddev	.0549	.00034	.00990	.02096	.0547	.00035	.0089
%RSD	.89056	15.646	8.5242	2.1230	.73280	3.4773	.38209

#1	6.2252	.00248	-.10710	.97098	7.5199	.01032	2.3167
#2	6.1598	.00215	-.11446	1.0108	7.4616	.00975	2.3338
#3	6.1161	.00181	-.12669	.97942	7.4105	.01039	2.3212

Sample Name: K1807-33 Acquired: 3/12/2019 13:58:40 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05836	5.792	-.23470	1.5540	F<.00000
Stddev	.00135	.011	.00165	.0480	2.1768
%RSD	2.3047	.1872	.70176	3.0882	.19848

#1	.05980	5.797	-.23642	1.5894	-1097.5
#2	.05714	5.779	-.23314	1.5731	-1094.3
#3	.05815	5.799	-.23454	1.4994	-1098.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4258.9	44551.	6061.4	32.550	3741.2
Stddev	4.5	37.	21.2	1.971	3.7
%RSD	.10528	.08237	.34950	6.0552	.09799

#1	4262.6	44539.	6036.9	31.545	3744.4
#2	4260.2	44522.	6075.0	34.820	3737.2
#3	4253.9	44592.	6072.1	31.283	3742.1

Sample Name: K1807-35 Acquired: 3/12/2019 14:03:08 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10266	-.03644	.06358	-.08048	-.02737	312.38	.42056
Stddev	.00309	.00381	.00157	.00439	.00092	2.09	.00233
%RSD	3.0083	10.458	2.4626	5.4584	3.3466	.66919	.55422

#1	.10304	-.04084	.06389	-.07676	-.02719	309.97	.41993
#2	.10553	-.03437	.06188	-.07936	-.02656	313.67	.41861
#3	.09939	-.03411	.06497	-.08533	-.02837	313.51	.42314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02543	-.00174	4.1457	.26037	.10470	.20039	407.38
Stddev	.00054	.00032	.0587	.00032	.00050	.00107	1.55
%RSD	2.1207	18.302	1.4148	.12425	.47541	.53609	.38108

#1	.02605	-.00202	4.1668	.26000	.10497	.19982	409.17
#2	.02507	-.00181	4.0794	.26050	.10413	.19973	406.55
#3	.02516	-.00140	4.1909	.26060	.10501	.20163	406.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3378	7.2580	.17536	-.06291	-.14186	.52095	.39332
Stddev	.0016	.0186	.00135	.00095	.00233	.00585	.00135
%RSD	.12200	.25678	.76735	1.5069	1.6395	1.1233	.34344

#1	1.3363	7.2417	.17510	-.06235	-.14189	.52098	.39269
#2	1.3395	7.2540	.17416	-.06400	-.13952	.52679	.39241
#3	1.3378	7.2783	.17681	-.06237	-.14417	.51509	.39488

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0366	.00363	-.41869	2.7732	3.0850	.01737	1.2513
Stddev	.0095	.00050	.02379	.0271	.0241	.00087	.0017
%RSD	.15826	13.771	5.6827	.97554	.78126	5.0175	.13215

#1	6.0256	.00421	-.39222	2.7858	3.1019	.01784	1.2494
#2	6.0421	.00337	-.42556	2.7421	3.0957	.01636	1.2525
#3	6.0421	.00332	-.43830	2.7917	3.0574	.01790	1.2519

Sample Name: K1807-35 Acquired: 3/12/2019 14:03:08 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06054	F 10.96	-.41817	.78601	F<.00000
Stddev	.00330	.03	.00181	.13383	7.8517
%RSD	5.4549	.2405	.43251	17.027	.31992

#1	.06068	10.97	-.42025	.85762	-2447.6
#2	.06377	10.93	-.41719	.63160	-2452.2
#3	.05717	10.98	-.41706	.86880	-2462.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4185.5	43083.	6033.7	31.733	3536.9
Stddev	10.0	89.	38.4	1.695	4.6
%RSD	.23820	.20576	.63723	5.3423	.12937

#1	4186.8	43116.	5992.9	33.249	3537.0
#2	4194.7	42983.	6069.3	32.048	3541.5
#3	4174.9	43151.	6038.9	29.903	3532.3

Sample Name: K1807-37 Acquired: 3/12/2019 14:07:35 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15212	-.04675	.11973	-.06477	-.02192	395.40	.83198
Stddev	.00304	.00371	.00145	.00756	.00120	.35	.00387
%RSD	1.9989	7.9340	1.2121	11.665	5.4762	.08906	.46484

#1	.15063	-.04406	.12122	-.07349	-.02077	395.80	.82992
#2	.15562	-.05098	.11832	-.06079	-.02316	395.23	.83644
#3	.15011	-.04520	.11966	-.06004	-.02182	395.16	.82957

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02476	-.00146	2.3456	.30036	.11223	.19526	352.67
Stddev	.00026	.00018	.0042	.00033	.00074	.00187	2.46
%RSD	1.0624	12.159	.17825	.11048	.65909	.95804	.69657

#1	.02450	-.00138	2.3411	.29998	.11156	.19518	349.86
#2	.02502	-.00166	2.3462	.30062	.11302	.19343	354.42
#3	.02477	-.00134	2.3494	.30048	.11212	.19717	353.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4194	7.5773	.23245	-.05046	-.13849	.48227	.31874
Stddev	.0016	.0756	.00088	.00074	.00384	.00213	.00030
%RSD	.11137	.99738	.37750	1.4717	2.7716	.44111	.09464

#1	1.4212	7.5601	.23144	-.04967	-.14043	.47983	.31904
#2	1.4188	7.6601	.23299	-.05114	-.14098	.48376	.31874
#3	1.4183	7.5119	.23292	-.05057	-.13407	.48321	.31844

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3808	.00217	-.31811	3.2828	2.7995	.01953	2.0075
Stddev	.0482	.00055	.00903	.0087	.0260	.00094	.0074
%RSD	.89624	25.360	2.8401	.26627	.92946	4.8115	.37083

#1	5.3710	.00268	-.32842	3.2737	2.7696	.01849	1.9989
#2	5.4332	.00224	-.31434	3.2834	2.8170	.01977	2.0112
#3	5.3383	.00159	-.31157	3.2911	2.8119	.02032	2.0123

Sample Name: K1807-37 Acquired: 3/12/2019 14:07:35 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-19 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04681	9.578	-.36270	.77860	F<.00000
Stddev	.00166	.065	.00258	.02781	14.344
%RSD	3.5382	.6777	.71099	3.5713	.67720

#1	.04778	9.540	-.35974	.81068	-2106.0
#2	.04490	9.542	-.36446	.76356	-2114.6
#3	.04776	9.653	-.36391	.76154	-2134.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4378.8	44671.	6287.8	31.918	3537.0
Stddev	5.1	92.	38.3	1.871	6.2
%RSD	.11565	.20669	.60865	5.8612	.17583

#1	4372.9	44587.	6331.3	29.765	3537.4
#2	4381.6	44770.	6272.5	32.845	3530.5
#3	4381.8	44656.	6259.5	33.144	3542.9

Sample Name: K1807-39 Acquired: 3/12/2019 14:12:02 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11478	-.05145	.12007	-.07278	-.02316	445.71	.69137
Stddev	.00297	.00369	.00307	.00223	.00307	1.52	.00910
%RSD	2.5868	7.1751	2.5598	3.0577	13.269	.34010	1.3161

#1	.11192	-.04921	.11804	-.07100	-.02413	443.96	.69866
#2	.11784	-.05571	.12361	-.07205	-.02564	446.71	.68118
#3	.11459	-.04943	.11857	-.07527	-.01972	446.44	.69428

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02375	-.00264	4.6836	.42885	.17691	.26100	362.84
Stddev	.00010	.00031	.0145	.00257	.00011	.00097	3.38
%RSD	.40176	11.742	.30928	.60031	.06099	.37017	.93200

#1	.02368	-.00299	4.7003	.42590	.17686	.26126	366.49
#2	.02371	-.00253	4.6736	.43068	.17703	.25993	359.81
#3	.02386	-.00240	4.6771	.42996	.17683	.26181	362.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6513	13.470	.23940	-.05241	-.06197	.71721	.38848
Stddev	.0041	.061	.00097	.00030	.00872	.00171	.00093
%RSD	.11261	.45196	.40432	.57683	14.075	.23839	.23862

#1	3.6471	13.536	.23886	-.05208	-.06918	.71900	.38790
#2	3.6515	13.415	.24052	-.05251	-.05227	.71560	.38955
#3	3.6553	13.458	.23883	-.05266	-.06445	.71702	.38798

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6710	.00367	-.31676	3.1300	3.3748	.02509	2.5427
Stddev	.0911	.00053	.00536	.0358	.0482	.00094	.0038
%RSD	.94166	14.353	1.6933	1.1447	1.4271	3.7388	.14932

#1	9.7751	.00340	-.32294	3.1690	3.4249	.02492	2.5414
#2	9.6316	.00334	-.31406	3.0986	3.3288	.02425	2.5470
#3	9.6062	.00428	-.31328	3.1223	3.3708	.02610	2.5397

Sample Name: K1807-39 Acquired: 3/12/2019 14:12:02 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-20 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11757	9.840	-.36222	1.3933	F<.00000
Stddev	.00113	.057	.00371	.1935	5.5603
%RSD	.96167	.5755	1.0241	13.889	.26630
#1	.11880	9.903	-.36624	1.2401	-2086.6
#2	.11659	9.826	-.35892	1.6108	-2083.2
#3	.11730	9.792	-.36152	1.3290	-2094.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4179.7	42753.	6036.7	31.675	3496.2
Stddev	13.3	30.	59.4	1.553	4.5
%RSD	.31912	.07036	.98350	4.9040	.12803
#1	4165.2	42787.	5975.2	29.893	3491.8
#2	4182.6	42744.	6093.7	32.746	3496.1
#3	4191.4	42729.	6041.3	32.386	3500.7

Sample Name: K1807-41 Acquired: 3/12/2019 14:16:28 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09640	-.03404	.07926	-.03196	-.01733	253.10	.34285
Stddev	.00082	.00035	.00268	.00434	.00252	1.04	.00209
%RSD	.84885	1.0309	3.3850	13.571	14.532	.41162	.60818

#1	.09554	-.03374	.08042	-.03693	-.01446	253.27	.34441
#2	.09718	-.03443	.08117	-.02891	-.01919	251.98	.34365
#3	.09647	-.03395	.07620	-.03004	-.01833	254.04	.34048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01928	-.00326	2.6721	.37133	.06936	.13650	296.66
Stddev	.00023	.00035	.0211	.00349	.00022	.00091	1.44
%RSD	1.1807	10.812	.78834	.93948	.32103	.66521	.48646

#1	.01943	-.00341	2.6964	.37315	.06935	.13743	297.77
#2	.01940	-.00286	2.6618	.36731	.06958	.13562	295.03
#3	.01902	-.00351	2.6582	.37353	.06914	.13644	297.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96497	7.4011	.13485	-.03841	-.19439	.50099	.32911
Stddev	.00544	.0595	.00097	.00052	.00880	.00227	.00267
%RSD	.56378	.80329	.71596	1.3618	4.5295	.45391	.81111

#1	.96835	7.4189	.13523	-.03816	-.20111	.49920	.33068
#2	.95869	7.4495	.13556	-.03805	-.18442	.50021	.33062
#3	.96786	7.3347	.13375	-.03901	-.19763	.50355	.32603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1517	.00200	-.21829	1.6579	3.1132	.01485	1.4662
Stddev	.0550	.00012	.00498	.0178	.0306	.00037	.0023
%RSD	.76898	6.0523	2.2812	1.0717	.98312	2.5191	.15842

#1	7.1826	.00187	-.21950	1.6500	3.1339	.01442	1.4639
#2	7.0882	.00211	-.22256	1.6782	3.0781	.01506	1.4660
#3	7.1844	.00202	-.21282	1.6454	3.1277	.01507	1.4685

Sample Name: K1807-41 Acquired: 3/12/2019 14:16:28 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-21 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03871	7.997	-.30520	.20821	F<.00000
Stddev	.00243	.055	.00164	.24594	5.1172
%RSD	6.2675	.6910	.53752	118.12	.30631

#1	.03608	8.037	-.30650	.31135	-1672.4
#2	.04086	8.019	-.30336	-.07251	-1664.8
#3	.03918	7.934	-.30575	.38578	-1674.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4493.7	46459.	6430.9	32.564	3618.9
Stddev	22.2	141.	49.3	1.071	21.3
%RSD	.49407	.30411	.76661	3.2873	.58936

#1	4468.3	46433.	6388.0	33.678	3594.5
#2	4509.0	46611.	6484.7	32.469	3628.2
#3	4504.0	46332.	6419.9	31.544	3634.1

Sample Name: K1807-43 Acquired: 3/12/2019 14:20:57 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06788	-.02802	.06186	-.02136	-.01826	251.69	.32291
Stddev	.00183	.00107	.00139	.00202	.00033	.63	.00328
%RSD	2.6961	3.8252	2.2400	9.4745	1.8187	.25222	1.0148

#1	.06577	-.02914	.06346	-.02342	-.01857	251.30	.32365
#2	.06906	-.02700	.06108	-.01937	-.01830	251.35	.31932
#3	.06881	-.02793	.06104	-.02129	-.01791	252.43	.32575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01692	-.00513	2.3780	.33130	.08706	.14410	271.80
Stddev	.00016	.00006	.0181	.00047	.00038	.00129	.49
%RSD	.97453	1.1131	.76082	.14176	.43564	.89734	.18076

#1	.01696	-.00512	2.3986	.33127	.08709	.14517	272.35
#2	.01707	-.00519	2.3705	.33179	.08667	.14266	271.64
#3	.01675	-.00508	2.3648	.33086	.08743	.14447	271.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4144	8.6507	.12113	-.03195	-.17690	.46223	.33050
Stddev	.0022	.0702	.00035	.00037	.00250	.00295	.00133
%RSD	.15453	.81119	.28708	1.1702	1.4127	.63771	.40199

#1	1.4141	8.6201	.12079	-.03226	-.17711	.46049	.33015
#2	1.4123	8.7310	.12113	-.03205	-.17929	.46056	.32938
#3	1.4166	8.6010	.12148	-.03154	-.17430	.46563	.33197

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6917	.00134	-.17340	1.8564	4.0361	.01406	1.4614
Stddev	.0315	.00059	.00747	.0021	.0522	.00150	.0015
%RSD	.36276	44.009	4.3095	.11044	1.2920	10.689	.10291

#1	8.7139	.00070	-.16607	1.8584	4.0131	.01278	1.4598
#2	8.6556	.00187	-.17313	1.8565	3.9995	.01370	1.4616
#3	8.7056	.00144	-.18101	1.8543	4.0958	.01572	1.4628

Sample Name: K1807-43 Acquired: 3/12/2019 14:20:57 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-22 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05813	6.161	-.28315	1.3940	F<.00000
Stddev	.00063	.024	.00052	.1242	6.1996
%RSD	1.0919	.3956	.18240	8.9103	.43754
#1	.05832	6.186	-.28369	1.5206	-1423.6
#2	.05742	6.138	-.28308	1.3890	-1415.8
#3	.05864	6.158	-.28267	1.2724	-1411.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4334.4	44724.	6213.9	32.329	3634.1
Stddev	10.9	107.	25.1	.426	8.4
%RSD	.25219	.23916	.40434	1.3167	.23073
#1	4346.8	44608.	6189.8	32.704	3643.7
#2	4330.1	44818.	6240.0	31.866	3630.0
#3	4326.2	44747.	6211.9	32.417	3628.4

Sample Name: K1807-45 Acquired: 3/12/2019 14:25:26 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13720	-.03084	.15933	-.02992	-.01968	270.60	.63699
Stddev	.00232	.00186	.00191	.00627	.00063	1.11	.00738
%RSD	1.6895	6.0286	1.1978	20.955	3.1831	.41195	1.1584

#1	.13954	-.03182	.15724	-.02704	-.01896	269.57	.64245
#2	.13490	-.03201	.15976	-.03711	-.02001	271.78	.62860
#3	.13717	-.02870	.16098	-.02560	-.02007	270.44	.63993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01554	-.00315	5.2356	.33780	.09720	.19596	294.05
Stddev	.00036	.00050	.0607	.00301	.00079	.00138	4.29
%RSD	2.3236	15.763	1.1593	.89062	.80844	.70647	1.4582

#1	.01555	-.00340	5.2454	.33505	.09678	.19528	297.30
#2	.01517	-.00258	5.1706	.34102	.09671	.19756	289.19
#3	.01589	-.00348	5.2908	.33734	.09811	.19505	295.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2421	26.916	.16559	-.03903	-.07842	.58131	.63257
Stddev	.0037	.542	.00045	.00092	.00548	.00238	.00219
%RSD	.16592	2.0150	.27122	2.3538	6.9884	.40934	.34592

#1	2.2383	27.246	.16508	-.03884	-.07410	.58366	.63059
#2	2.2457	26.290	.16573	-.04002	-.07657	.58136	.63219
#3	2.2424	27.213	.16595	-.03822	-.08459	.57890	.63492

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3395	.00625	-.21274	2.5108	2.2078	.01858	1.4632
Stddev	.1144	.00057	.00654	.0174	.0382	.00081	.0051
%RSD	1.2249	9.1607	3.0745	.69379	1.7326	4.3373	.35045

#1	9.4716	.00587	-.20784	2.4992	2.2493	.01775	1.4634
#2	9.2758	.00598	-.22017	2.5024	2.1739	.01936	1.4580
#3	9.2712	.00691	-.21020	2.5308	2.2003	.01864	1.4682

Sample Name: K1807-45 Acquired: 3/12/2019 14:25:26 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-23 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17684	5.257	-.28970	1.0095	F<.00000
Stddev	.00023	.018	.00462	.2974	15.848
%RSD	.13008	.3403	1.5957	29.457	.96174
#1	.17698	5.242	-.29316	.72032	-1655.5
#2	.17697	5.253	-.28445	1.3144	-1658.4
#3	.17658	5.277	-.29149	.99364	-1629.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4385.8	45155.	6345.0	33.002	3569.8
Stddev	5.1	177.	70.8	1.864	8.3
%RSD	.11524	.39136	1.1154	5.6495	.23308
#1	4388.2	45283.	6278.1	31.177	3575.0
#2	4380.0	44953.	6419.1	32.924	3574.2
#3	4389.2	45227.	6337.8	34.903	3560.2

Sample Name: CCV03 Acquired: 3/12/2019 14:29:51 Type: Unk
Method: P4-ICP2(v2936) 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	5.1401	5.0434	5.0947	5.1774	5.2091	10.534	9.6580	.25775
Stddev	.0099	.0051	.0053	.0187	.0148	.118	.0781	.00096
%RSD	.19297	.10188	.10444	.36092	.28444	1.1172	.80841	.37222
#1	5.1441	5.0435	5.0934	5.1987	5.2127	10.400	9.7291	.25883
#2	5.1473	5.0382	5.1005	5.1698	5.2217	10.621	9.6704	.25739
#3	5.1288	5.0485	5.0901	5.1637	5.1928	10.582	9.5744	.25701
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4787	25.101	1.0486	2.5601	1.2601	4.9040	2.5699	24.700
Stddev	.0017	.128	.0025	.0009	.0030	.0529	.0018	.311
%RSD	.06938	.50923	.24224	.03457	.24063	1.0791	.07012	1.2574
#1	2.4802	25.211	1.0467	2.5596	1.2634	4.9616	2.5713	24.710
#2	2.4790	24.961	1.0478	2.5611	1.2594	4.8575	2.5679	24.384
#3	2.4768	25.132	1.0515	2.5596	1.2574	4.8928	2.5705	25.005
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4526	1.3358	24.202	2.4061	2.5955	25.400	4.9335	4.6566
Stddev	.0028	.0029	.206	.0061	.0027	.185	.0025	.0184
%RSD	.11437	.21922	.85293	.25167	.10567	.72979	.04994	.39532
#1	2.4530	1.3341	24.432	2.4130	2.5963	25.580	4.9363	4.6538
#2	2.4497	1.3391	24.143	2.4039	2.5977	25.410	4.9317	4.6397
#3	2.4552	1.3340	24.032	2.4015	2.5924	25.210	4.9325	4.6762
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0142	4.7773	4.8246	5.0571	4.5934	5.005	5.0302	4.7911
Stddev	.0140	.0536	.0054	.0063	.0368	.025	.0367	.0584
%RSD	.27988	1.1220	.11217	.12407	.80189	.5047	.73043	1.2186
#1	5.0203	4.8257	4.8194	5.0581	4.6271	5.007	5.0673	4.7243
#2	5.0242	4.7197	4.8302	5.0504	4.5991	5.029	5.0295	4.8325
#3	4.9982	4.7865	4.8242	5.0629	4.5541	4.979	4.9939	4.8164

Sample Name: CCV03 Acquired: 3/12/2019 14:29:51 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2717
Stddev 1.3151
%RSD 57.891

#1 1.5531
#2 3.7896
#3 1.4725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.3	40220.	5455.2	31.167	3683.0
Stddev	6.1	27.	69.9	1.168	4.3
%RSD	.15881	.06694	1.2810	3.7461	.11597

#1	3865.2	40249.	5376.6	32.479	3678.2
#2	3876.6	40195.	5510.1	30.780	3684.6
#3	3875.0	40215.	5479.0	30.243	3686.2

Sample Name: CCB03 Acquired: 3/12/2019 14:33:51 Type: Unk
Method: P4-ICP2(v2936) 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	-.00069	-.00208	.00274	.00142	-.00019	-.00261	-.04470
Stddev	.00167	.00112	.00013	.00184	.00087	.00426	.00381
%RSD	242.99	53.865	4.6064	129.21	462.71	162.80	8.5175

#1	.00040	-.00091	.00261	.00324	.00039	-.00349	-.04268
#2	-.00260	-.00315	.00287	-.00044	.00023	-.00637	-.04232
#3	.00014	-.00219	.00274	.00147	-.00119	.00201	-.04909

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	-.00481	-.00024	.00001	-.00033	-.00213
Stddev	.00008	.00006	.00378	.00013	.00011	.00019	.00089
%RSD	260.22	99.650	78.599	53.824	773.68	57.607	41.951

#1	.00012	-.00001	-.00106	-.00039	-.00007	-.00012	-.00232
#2	-.00001	.00008	-.00862	-.00016	-.00003	-.00039	-.00116
#3	-.00002	.00010	-.00474	-.00017	.00013	-.00048	-.00292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01547	.00104	.00070	-.27715	-.00034	-.00029
Stddev	.00002	.00552	.00009	.00042	.00273	.00059	.00009
%RSD	3741.5	35.715	8.3321	59.315	.98377	172.44	31.603

#1	-.00002	-.01611	.00094	.00085	-.27579	-.00046	-.00030
#2	.00001	-.00965	.00106	.00102	-.27537	.00030	-.00038
#3	.00002	-.02064	.00111	.00023	-.28029	-.00087	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11272	.00022	.01118	F -.01673	.00277	-.00190	-.00115
Stddev	.02521	.00015	.00379	.00751	.00047	.00055	.00060
%RSD	22.361	71.464	33.880	44.881	16.987	29.047	52.272

#1	.10679	.00038	.00710	-.00811	.00234	-.00143	-.00121
#2	.14036	.00020	.01458	-.02187	.00271	-.00176	-.00171
#3	.09101	.00007	.01186	-.02021	.00327	-.00251	-.00052

Sample Name: CCB03 Acquired: 3/12/2019 14:33:51 Type: Unk
Method: P4-ICP2(v2936) 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	F -.01362	-.0030	.00012	F 3.5541	F .61519
Stddev	.00190	.0012	.00003	.1771	.87314
%RSD	13.949	39.69	25.936	4.9830	141.93
#1	-.01532	-.0028	.00013	3.7129	1.5265
#2	-.01157	-.0042	.00015	3.3631	.53310
#3	-.01398	-.0019	.00008	3.5862	-.21401
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4005.0	42253.	5479.5	32.331	4097.8
Stddev	10.5	97.	65.3	1.416	1.8
%RSD	.26144	.22908	1.1908	4.3803	.04481
#1	3993.0	42142.	5418.8	30.852	4099.9
#2	4010.0	42295.	5471.2	32.466	4096.5
#3	4012.0	42321.	5548.5	33.675	4096.9

Sample Name: K1834-18 Acquired: 3/12/2019 14:38:20 Type: Unk
Method: P4-ICP2(v2936) 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	-.00376	-.00270	-.00674	.00442	-.00123	.01052	.01975
Stddev	.00143	.00154	.00039	.00312	.00069	.00147	.00535
%RSD	37.918	57.010	5.7213	70.681	56.320	13.933	27.070

#1	-.00529	-.00356	-.00677	.00101	-.00153	.01146	.02066
#2	-.00246	-.00360	-.00633	.00509	-.00044	.00883	.02458
#3	-.00354	-.00092	-.00710	.00715	-.00172	.01128	.01401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00117	9.9160	-.00238	.00005	-.00190	22.404
Stddev	.00004	.00004	.0253	.00020	.00027	.00017	.068
%RSD	149.40	3.6320	.25555	8.5784	545.56	8.7671	.30133

#1	.00007	-.00113	9.9131	-.00220	-.00003	-.00178	22.482
#2	-.00001	-.00115	9.9427	-.00234	.00035	-.00182	22.364
#3	.00002	-.00121	9.8922	-.00260	-.00018	-.00209	22.366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23717	2.4389	.00131	-.00114	49.430	-.00092	.20184
Stddev	.00044	.0518	.00050	.00066	.355	.00047	.00032
%RSD	.18419	2.1243	38.029	58.508	.71858	50.723	.15710

#1	.23726	2.4489	.00117	-.00135	49.725	-.00040	.20221
#2	.23755	2.4850	.00090	-.00039	49.035	-.00130	.20169
#3	.23669	2.3828	.00187	-.00167	49.529	-.00107	.20163

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3591	-.00025	.02113	2.6947	.28854	-.00352	-.00168
Stddev	.0322	.00022	.00340	.0151	.01201	.00019	.00077
%RSD	2.3662	86.658	16.107	.56067	4.1630	5.2785	45.851

#1	1.3745	-.00038	.02254	2.7081	.28313	-.00360	-.00082
#2	1.3221	.00000	.01725	2.6978	.30230	-.00331	-.00191
#3	1.3806	-.00037	.02361	2.6783	.28017	-.00365	-.00230

Sample Name: K1834-18 Acquired: 3/12/2019 14:38:20 Type: Unk
 Method: P4-ICP2(v2936) 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	-0.01290	-0.0001	.04456	4.2035	F<.00000
Stddev	.00088	.0023	.00011	.0880	1.3725
%RSD	6.8342	1585.	.24826	2.0938	1.9023

#1	-0.01195	.0010	.04448	4.1753	-71.291
#2	-0.01370	-0.0028	.04453	4.3021	-73.732
#3	-0.01304	.0014	.04469	4.1330	-71.423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.2	40498.	5408.7	31.720	3861.3
Stddev	13.9	123.	28.5	.853	9.5
%RSD	.36198	.30484	.52690	2.6903	.24589

#1	3830.4	40492.	5378.3	30.872	3851.3
#2	3851.3	40378.	5413.0	31.709	3862.5
#3	3856.8	40625.	5434.9	32.578	3870.2

Sample Name: K1834-18DUP Acquired: 3/12/2019 14:42:44 Type: Unk
Method: P4-ICP2(v2936) 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	-.00340	-.00050	-.00701	.00139	-.00066	-.00004	.02384
Stddev	.00014	.00038	.00046	.00155	.00067	.00254	.00272
%RSD	4.0203	75.863	6.5760	111.34	102.11	6705.7	11.431

#1	-.00328	-.00029	-.00694	.00153	-.00092	-.00172	.02682
#2	-.00337	-.00094	-.00659	-.00023	.00011	.00288	.02147
#3	-.00355	-.00027	-.00750	.00286	-.00116	-.00127	.02322

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00119	10.083	-.00210	.00014	-.00153	22.755
Stddev	.00010	.00005	.069	.00020	.00019	.00014	.257
%RSD	207.72	3.8142	.68202	9.3012	137.66	9.1308	1.1278

#1	.00016	-.00117	10.099	-.00229	.00010	-.00160	22.835
#2	-.00002	-.00116	10.143	-.00190	.00035	-.00137	22.961
#3	.00000	-.00124	10.008	-.00212	-.00003	-.00162	22.467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23913	2.4771	.00179	-.00053	49.999	-.00111	.20208
Stddev	.00051	.0462	.00036	.00024	.532	.00081	.00118
%RSD	.21157	1.8649	20.104	46.452	1.0650	72.875	.58513

#1	.23856	2.4775	.00209	-.00044	50.440	-.00196	.20084
#2	.23934	2.5231	.00139	-.00034	50.148	-.00034	.20219
#3	.23950	2.4307	.00189	-.00080	49.407	-.00104	.20320

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3844	.00002	.02588	2.6846	.28222	-.00366	-.00139
Stddev	.0529	.00032	.00561	.0435	.00319	.00038	.00123
%RSD	3.8191	1521.6	21.674	1.6205	1.1309	10.300	88.820

#1	1.3640	.00012	.01941	2.6395	.28559	-.00350	-.00023
#2	1.4444	-.00033	.02889	2.6879	.28182	-.00339	-.00125
#3	1.3448	.00028	.02935	2.7263	.27925	-.00409	-.00268

Sample Name: K1834-18DUP Acquired: 3/12/2019 14:42:44 Type: Unk
 Method: P4-ICP2(v2936) 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	-.01265	-.0008	.04501	4.3172	F<.00000
Stddev	.00369	.0010	.00010	.1432	1.2216
%RSD	29.180	117.0	.23224	3.3173	1.6336

#1	-.00958	.0001	.04495	4.2791	-74.564
#2	-.01674	-.0008	.04513	4.4756	-76.095
#3	-.01162	-.0018	.04494	4.1969	-73.680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.9	40554.	5379.2	31.932	3850.2
Stddev	6.0	76.	64.9	.776	9.1
%RSD	.15635	.18627	1.2057	2.4306	.23671

#1	3835.6	40640.	5349.3	31.044	3858.3
#2	3830.4	40500.	5334.7	32.270	3840.3
#3	3823.6	40521.	5453.6	32.482	3851.9

Sample Name: K1834-18LX5 Acquired: 3/12/2019 14:47:05 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00110	-.00109	.00140	-.00069	-.00339	-.02937
Stddev	.00154	.00142	.00041	.00209	.00233	.00212	.00052
%RSD	4796.3	128.73	37.289	149.34	336.57	62.382	1.7595

#1	.00174	.00053	-.00112	-.00003	.00172	-.00483	-.02974
#2	-.00106	-.00178	-.00148	.00043	-.00086	-.00438	-.02878
#3	-.00078	-.00205	-.00067	.00380	-.00293	-.00096	-.02959

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00028	2.0525	-.00074	.00005	-.00062	4.7511
Stddev	.00002	.00011	.0138	.00037	.00012	.00027	.0381
%RSD	105.88	38.700	.67365	50.526	245.00	44.179	.80083

#1	.00001	-.00040	2.0444	-.00080	.00019	-.00072	4.7944
#2	.00004	-.00026	2.0446	-.00034	.00001	-.00082	4.7230
#3	.00001	-.00018	2.0684	-.00107	-.00005	-.00031	4.7358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04976	.53870	.00116	.00056	9.7049	-.00061	.04054
Stddev	.00030	.03377	.00028	.00016	.1151	.00027	.00020
%RSD	.60680	6.2696	24.264	29.470	1.1856	43.614	.48946

#1	.04974	.56963	.00099	.00072	9.8270	-.00090	.04075
#2	.05007	.50266	.00148	.00039	9.5985	-.00037	.04035
#3	.04947	.54381	.00101	.00055	9.6890	-.00057	.04053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34693	-.00027	.00295	.52851	.06181	-.00269	-.00028
Stddev	.02653	.00042	.00269	.02935	.00105	.00017	.00149
%RSD	7.6461	159.17	91.259	5.5539	1.6943	6.1451	537.56

#1	.32994	-.00061	.00351	.56163	.06114	-.00251	-.00048
#2	.37750	.00021	.00531	.50573	.06302	-.00272	-.00165
#3	.33335	-.00040	.00002	.51816	.06128	-.00283	.00130

Sample Name: K1834-18LX5 Acquired: 3/12/2019 14:47:05 Type: Unk
 Method: P4-ICP2(v2936) 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	-.01283	-.0013	.00898	3.6680	F<.00000
Stddev	.00286	.0014	.00009	.0677	1.0856
%RSD	22.308	111.5	.94883	1.8466	6.8940

#1	-.00964	-.0009	.00897	3.6320	-14.636
#2	-.01366	-.0029	.00890	3.7461	-15.797
#3	-.01518	-.0001	.00907	3.6259	-16.806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3960.2	42086.	5506.0	32.497	4028.5
Stddev	22.9	44.	38.5	.593	21.5
%RSD	.57807	.10361	.69975	1.8243	.53297

#1	3933.8	42039.	5462.1	32.892	4003.8
#2	3974.3	42126.	5534.4	31.815	4038.9
#3	3972.5	42093.	5521.5	32.784	4042.9

Sample Name: K1834-18MS Acquired: 3/12/2019 14:51:30 Type: Unk
Method: P4-ICP2(v2936) 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	.81823	2.0303	1.0053	2.0608	.85184	2.1319	.20816
Stddev	.00521	.0043	.0051	.0055	.00258	.0187	.00446
%RSD	.63650	.21237	.51137	.26788	.30283	.87771	2.1418

#1	.82196	2.0297	1.0050	2.0616	.84957	2.1520	.20835
#2	.81228	2.0263	1.0003	2.0550	.85131	2.1289	.20361
#3	.82044	2.0349	1.0106	2.0659	.85464	2.1149	.21252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20380	.19501	9.9441	.43788	.21198	.31797	23.193
Stddev	.00037	.00047	.0335	.00072	.00094	.00109	.082
%RSD	.17968	.24057	.33712	.16357	.44153	.34412	.35559

#1	.20411	.19552	9.9214	.43839	.21172	.31855	23.101
#2	.20340	.19460	9.9283	.43706	.21119	.31671	23.261
#3	.20390	.19489	9.9826	.43818	.21301	.31866	23.216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42619	4.1719	.50450	.07587	46.919	.30609	.38660
Stddev	.00061	.0390	.00173	.00031	.137	.00171	.00097
%RSD	.14365	.93582	.34384	.40816	.29131	.55909	.25130

#1	.42684	4.1307	.50330	.07561	46.903	.30683	.38633
#2	.42562	4.1765	.50371	.07578	47.064	.30413	.38579
#3	.42612	4.2084	.50649	.07621	46.792	.30730	.38768

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.828	.42026	.30246	2.3636	1.1850	.68246	.21092
Stddev	.042	.00088	.01355	.0078	.0110	.00174	.00604
%RSD	.38843	.21028	4.4784	.32918	.92997	.25461	2.8630

#1	10.808	.42126	.30644	2.3706	1.1732	.68198	.20458
#2	10.876	.41997	.31356	2.3652	1.1950	.68101	.21159
#3	10.799	.41957	.28736	2.3552	1.1868	.68439	.21661

Sample Name: K1834-18MS Acquired: 3/12/2019 14:51:30 Type: Unk
 Method: P4-ICP2(v2936) 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	.18289	5.629	.24537	4.6253	F<.00000
Stddev	.00397	.014	.00191	.0821	1.4321
%RSD	2.1729	.2481	.77720	1.7757	1.6768

#1	.17956	5.633	.24742	4.7192	-84.073
#2	.18182	5.613	.24505	4.5895	-86.920
#3	.18729	5.640	.24365	4.5671	-85.226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3802.9	40289.	5314.9	32.281	3780.7
Stddev	12.4	192.	34.0	.855	7.6
%RSD	.32679	.47664	.64040	2.6491	.20091

#1	3792.5	40147.	5321.7	31.800	3776.0
#2	3799.6	40212.	5278.0	33.268	3776.6
#3	3816.7	40507.	5345.1	31.774	3789.5

Sample Name: K1834-18MSD Acquired: 3/12/2019 14:55:35 Type: Unk
Method: P4-ICP2(v2936) 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	.81422	2.0252	1.0044	2.0579	.85260	2.1418	.21920
Stddev	.00311	.0059	.0031	.0122	.00381	.0147	.00139
%RSD	.38146	.29123	.30495	.59363	.44667	.68473	.63513

#1	.81477	2.0221	1.0077	2.0590	.85161	2.1268	.21862
#2	.81088	2.0320	1.0039	2.0696	.85681	2.1425	.21819
#3	.81702	2.0216	1.0017	2.0452	.84939	2.1561	.22079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20420	.19517	10.093	.43906	.21161	.31767	23.480
Stddev	.00065	.00020	.002	.00154	.00014	.00075	.094
%RSD	.31671	.10276	.01490	.35136	.06385	.23654	.40221

#1	.20457	.19494	10.092	.44057	.21147	.31746	23.542
#2	.20458	.19529	10.092	.43912	.21162	.31850	23.371
#3	.20345	.19529	10.094	.43749	.21174	.31705	23.527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42867	4.2461	.50342	.07611	47.707	.30635	.38732
Stddev	.00136	.0527	.00100	.00077	.386	.00109	.00103
%RSD	.31617	1.2404	.19963	1.0108	.80929	.35510	.26690

#1	.42969	4.2898	.50308	.07542	47.494	.30720	.38726
#2	.42713	4.2609	.50455	.07694	47.474	.30672	.38838
#3	.42919	4.1876	.50263	.07598	48.152	.30512	.38632

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.975	.42145	.31139	2.3784	1.2006	.68544	.21324
Stddev	.096	.00110	.00811	.0242	.0116	.00228	.00127
%RSD	.87663	.26093	2.6043	1.0190	.96543	.33257	.59768

#1	10.983	.42180	.30570	2.4061	1.2100	.68362	.21193
#2	10.875	.42233	.32068	2.3680	1.1877	.68471	.21332
#3	11.067	.42021	.30780	2.3611	1.2043	.68800	.21448

Sample Name: K1834-18MSD Acquired: 3/12/2019 14:55:35 Type: Unk
Method: P4-ICP2(v2936) 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	.18392	5.619	.24672	4.5513	F<.00000
Stddev	.00070	.013	.00217	.0238	1.2746
%RSD	.37971	.2387	.87915	.52242	1.4595
#1	.18437	5.626	.24490	4.5786	-85.942
#2	.18312	5.628	.24614	4.5351	-87.592
#3	.18428	5.604	.24912	4.5402	-88.450
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.0	40382.	5300.3	31.309	3796.8
Stddev	11.7	76.	25.8	1.938	9.0
%RSD	.30512	.18834	.48617	6.1900	.23705
#1	3813.0	40339.	5279.1	33.524	3786.4
#2	3822.7	40470.	5329.0	30.479	3801.3
#3	3836.2	40337.	5292.9	29.924	3802.6

Sample Name: K1834-18A Acquired: 3/12/2019 14:59:41 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82795	2.0486	1.0114	2.0761	.86373	2.1293	.22052
Stddev	.00661	.0095	.0047	.0163	.00697	.0341	.00417
%RSD	.79803	.46457	.46377	.78691	.80712	1.6000	1.8891

#1	.82059	2.0486	1.0128	2.0747	.85840	2.1535	.22532
#2	.82990	2.0390	1.0062	2.0605	.86118	2.0904	.21783
#3	.83336	2.0581	1.0153	2.0931	.87162	2.1441	.21841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20582	.19662	10.494	.43703	.21257	.32008	24.263
Stddev	.00038	.00074	.029	.00154	.00029	.00109	.063
%RSD	.18613	.37517	.28009	.35193	.13804	.33900	.26129

#1	.20625	.19654	10.461	.43862	.21264	.31941	24.332
#2	.20566	.19592	10.518	.43692	.21224	.31949	24.251
#3	.20554	.19739	10.502	.43555	.21282	.32133	24.207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43905	4.2697	.50690	.07586	49.365	.30676	.39912
Stddev	.00065	.0412	.00219	.00017	.422	.00017	.00162
%RSD	.14853	.96596	.43129	.22154	.85486	.05631	.40527

#1	.43965	4.3045	.50659	.07585	49.843	.30658	.39886
#2	.43914	4.2804	.50489	.07604	49.207	.30679	.39764
#3	.43835	4.2241	.50923	.07570	49.044	.30692	.40085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.047	.42553	.31587	2.5142	1.2288	.69186	.21226
Stddev	.081	.00291	.00432	.0038	.0020	.00210	.00115
%RSD	.73147	.68380	1.3671	.15071	.16087	.30335	.54327

#1	11.098	.42495	.31181	2.5183	1.2284	.69282	.21095
#2	10.954	.42296	.32041	2.5108	1.2310	.68945	.21313
#3	11.089	.42869	.31540	2.5137	1.2271	.69330	.21269

Sample Name: K1834-18A Acquired: 3/12/2019 14:59:41 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18505	5.689	.24793	4.2566	F<.00000
Stddev	.00196	.014	.00141	.0854	.09668
%RSD	1.0610	.2423	.56840	2.0066	.10821
#1	.18377	5.679	.24806	4.2780	-89.247
#2	.18408	5.683	.24927	4.1625	-89.438
#3	.18731	5.705	.24646	4.3292	-89.366
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.8	40646.	5320.2	30.940	3790.7
Stddev	4.5	119.	25.7	.701	7.8
%RSD	.11855	.29243	.48319	2.2646	.20568
#1	3816.5	40541.	5292.2	30.923	3782.8
#2	3821.4	40775.	5325.5	31.648	3798.4
#3	3812.4	40622.	5342.8	30.247	3791.0

Sample Name: PB117779BL Acquired: 3/12/2019 15:03:46 Type: Unk
Method: P4-ICP2(v2936) 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	-.00340	-.00025	-.00108	.00165	-.00088	-.00616	-.04598
Stddev	.00058	.00040	.00030	.00213	.00121	.00167	.00229
%RSD	17.111	160.21	27.974	129.31	137.33	27.153	4.9905

#1	-.00387	-.00012	-.00122	.00156	.00017	-.00423	-.04819
#2	-.00275	-.00069	-.00130	-.00044	-.00220	-.00726	-.04614
#3	-.00358	.00007	-.00074	.00382	-.00061	-.00697	-.04361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	-.01093	-.00018	-.00013	-.00098	-.00412
Stddev	.00004	.00008	.00948	.00027	.00017	.00025	.00053
%RSD	95.004	594.21	86.671	152.31	123.18	25.263	12.831

#1	.00000	.00002	-.02123	.00009	.00005	-.00095	-.00439
#2	.00008	.00009	-.00898	-.00046	-.00020	-.00124	-.00445
#3	.00004	-.00007	-.00258	-.00017	-.00026	-.00075	-.00351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02092	.00102	.00020	-.27328	-.00053	-.00059
Stddev	.00007	.03191	.00037	.00032	.00368	.00006	.00004
%RSD	137.95	152.50	36.545	157.79	1.3484	10.372	7.5980

#1	.00004	-.01546	.00143	-.00002	-.27739	-.00048	-.00055
#2	-.00001	.04416	.00091	.00056	-.27028	-.00059	-.00064
#3	.00012	.03406	.00071	.00006	-.27216	-.00052	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10124	.00015	-.00385	F -.01903	.00276	-.00322	-.00102
Stddev	.03691	.00020	.00157	.01616	.00094	.00045	.00039
%RSD	36.464	128.36	40.750	84.888	34.073	13.930	38.335

#1	.12605	.00025	-.00216	-.03713	.00324	-.00318	-.00080
#2	.05881	.00028	-.00412	-.01389	.00337	-.00368	-.00080
#3	.11884	-.00007	-.00526	-.00607	.00168	-.00279	-.00148

Sample Name: PB117779BL Acquired: 3/12/2019 15:03:46 Type: Unk
Method: P4-ICP2(v2936) 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	F -.01479	-.0036	.00009	F 3.4960	F .46880
Stddev	.00101	.0006	.00002	.3977	.37829
%RSD	6.8581	17.14	24.320	11.377	80.693

#1	-.01431	-.0029	.00011	3.3178	.83408
#2	-.01595	-.0036	.00007	3.2186	.49359
#3	-.01410	-.0041	.00008	3.9517	.07872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.2	42164.	5589.8	33.445	4104.1
Stddev	8.0	1092.	72.5	1.866	6.1
%RSD	.19976	2.5893	1.2969	5.5797	.14820

#1	4009.5	42765.	5669.7	34.359	4098.9
#2	4013.7	42822.	5528.4	31.298	4110.8
#3	3998.3	40904.	5571.2	34.677	4102.5

Sample Name: PB117789BL Acquired: 3/12/2019 15:12:19 Type: Unk
Method: P4-ICP2(v2936) 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	-.00136	-.00162	-.00132	-.00057	-.00079	.00162	-.04526
Stddev	.00216	.00143	.00027	.00240	.00202	.00513	.00327
%RSD	158.74	88.242	20.488	420.67	254.41	316.89	7.2199

#1	-.00169	-.00208	-.00145	-.00159	-.00121	.00752	-.04468
#2	.00095	-.00002	-.00151	-.00230	.00140	-.00082	-.04233
#3	-.00335	-.00277	-.00101	.00217	-.00257	-.00183	-.04878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	-.00110	-.00047	.00003	-.00052	-.00334
Stddev	.00002	.00004	.01050	.00014	.00004	.00025	.00085
%RSD	113.36	166.33	958.17	29.202	112.68	46.980	25.448

#1	-.00001	.00005	.00440	-.00048	.00007	-.00026	-.00403
#2	-.00001	-.00002	.00552	-.00059	.00003	-.00055	-.00239
#3	-.00005	.00005	-.01321	-.00032	-.00000	-.00075	-.00361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03065	.00074	.00016	-.29791	-.00065	-.00069
Stddev	.00004	.01097	.00015	.00094	.01359	.00019	.00003
%RSD	102.43	35.806	19.791	575.90	4.5613	29.124	4.5990

#1	.00001	.01803	.00088	-.00007	-.30307	-.00085	-.00071
#2	.00009	.03595	.00073	-.00064	-.28250	-.00062	-.00065
#3	.00003	.03797	.00059	.00120	-.30817	-.00048	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07601	-.00008	-.00070	F -.02022	.00231	-.00321	-.00018
Stddev	.04797	.00015	.00454	.00630	.00164	.00051	.00046
%RSD	63.117	182.11	653.23	31.146	70.977	15.739	253.23

#1	.04339	-.00013	.00091	-.02145	.00166	-.00291	.00033
#2	.05354	.00009	.00283	-.02581	.00417	-.00380	-.00055
#3	.13109	-.00020	-.00582	-.01340	.00109	-.00293	-.00033

Sample Name: PB117789BL Acquired: 3/12/2019 15:12:19 Type: Unk
 Method: P4-ICP2(v2936) 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	F -.01571	-.0027	.00003	F 3.3825	F<.00000
Stddev	.00285	.0006	.00003	.0037	.44641
%RSD	18.160	21.75	107.76	.10858	50.115

#1	-.01785	-.0025	.00007	3.3865	-.48330
#2	-.01247	-.0033	.00001	3.3818	-1.3679
#3	-.01681	-.0022	.00002	3.3792	-.82105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.9	42623.	5526.9	32.813	4093.4
Stddev	12.7	77.	93.0	1.898	4.4
%RSD	.31630	.17972	1.6823	5.7833	.10755

#1	3993.9	42662.	5493.5	34.814	4089.7
#2	4018.6	42672.	5455.2	31.039	4092.4
#3	4011.3	42535.	5631.9	32.586	4098.3

Sample Name: PB117789BS Acquired: 3/12/2019 15:16:47 Type: Unk
Method: P4-ICP2(v2936) 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	.87228	2.2479	1.0984	2.2411	.89917	2.2298	.16702
Stddev	.01183	.0119	.0054	.0148	.00513	.0152	.00135
%RSD	1.3565	.52848	.49158	.65911	.57009	.68218	.80895

#1	.85876	2.2354	1.0923	2.2263	.89343	2.2324	.16562
#2	.88074	2.2591	1.1026	2.2559	.90328	2.2435	.16713
#3	.87734	2.2490	1.1004	2.2412	.90082	2.2134	.16832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22308	.21111	1.0997	.46586	.22471	.35006	3.3586
Stddev	.00055	.00119	.0114	.00184	.00100	.00183	.0162
%RSD	.24833	.56385	1.0372	.39422	.44510	.52256	.48299

#1	.22359	.20974	1.1016	.46656	.22357	.34808	3.3548
#2	.22249	.21192	1.0875	.46724	.22546	.35168	3.3446
#3	.22316	.21166	1.1101	.46377	.22508	.35044	3.3764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23268	2.1815	.54057	.08479	2.7318	.31705	.22283
Stddev	.00037	.0411	.00277	.00061	.0101	.00025	.00140
%RSD	.15892	1.8832	.51325	.72521	.37079	.07819	.62809

#1	.23265	2.1580	.53775	.08408	2.7416	.31692	.22130
#2	.23306	2.2290	.54330	.08515	2.7325	.31734	.22404
#3	.23233	2.1576	.54066	.08514	2.7214	.31690	.22316

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.378	.43478	.30920	F -.02473	1.0167	.72041	.22166
Stddev	.044	.00253	.00257	.01761	.0080	.00249	.00281
%RSD	.42499	.58149	.83185	71.204	.78534	.34602	1.2664

#1	10.426	.43192	.30960	-.03691	1.0139	.71804	.22483
#2	10.365	.43670	.30645	-.03272	1.0105	.72301	.21947
#3	10.341	.43572	.31155	-.00454	1.0257	.72020	.22069

Sample Name: PB117789BS Acquired: 3/12/2019 15:16:47 Type: Unk
Method: P4-ICP2(v2936) 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	.19377	5.927	.22154	F 4.0116	F<.00000
Stddev	.00151	.039	.00032	.0634	.35573
%RSD	.77762	.6503	.14636	1.5804	1.4894
#1	.19209	5.885	.22141	3.9579	-24.151
#2	.19421	5.960	.22130	3.9954	-24.021
#3	.19500	5.936	.22191	4.0815	-23.480
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3977.7	41938.	5447.0	33.321	4011.9
Stddev	9.9	118.	28.0	.452	8.6
%RSD	.24812	.28119	.51368	1.3564	.21545
#1	3968.0	41911.	5450.3	32.895	4002.7
#2	3977.4	41835.	5473.2	33.273	4013.1
#3	3987.7	42067.	5417.6	33.795	4019.8

Sample Name: PB117779BS Acquired: 3/12/2019 15:33:00 Type: Unk
Method: P4-ICP2(v2936) 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	.90063	2.2855	1.1177	2.3065	.92418	2.2797	.17129
Stddev	.00202	.0066	.0012	.0112	.00476	.0240	.00292
%RSD	.22411	.29045	.11133	.48486	.51492	1.0525	1.7046
#1	.89848	2.2824	1.1172	2.3054	.92406	2.2815	.17435
#2	.90094	2.2810	1.1168	2.2958	.91949	2.2549	.16853
#3	.90248	2.2931	1.1192	2.3181	.92900	2.3028	.17099
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22717	.21508	1.1081	.47065	.22950	.35815	3.4121
Stddev	.00057	.00067	.0155	.00176	.00055	.00247	.0534
%RSD	.25234	.30933	1.4018	.37292	.24000	.68887	1.5634
#1	.22736	.21508	1.0902	.47024	.22946	.35846	3.4481
#2	.22653	.21442	1.1186	.47258	.22896	.35555	3.4374
#3	.22763	.21575	1.1154	.46914	.23006	.36045	3.3508
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23747	2.1906	.55088	.08562	2.7594	.32066	.22783
Stddev	.00049	.0593	.00078	.00079	.0073	.00255	.00085
%RSD	.20728	2.7082	.14124	.92699	.26645	.79384	.37305
#1	.23804	2.2223	.55171	.08616	2.7679	.32036	.22807
#2	.23714	2.1222	.55074	.08599	2.7558	.31828	.22689
#3	.23724	2.2273	.55017	.08471	2.7545	.32334	.22854
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.536	.44442	.31468	F -.02798	1.0402	.73387	.22567
Stddev	.079	.00157	.00891	.01235	.0170	.00315	.00220
%RSD	.74703	.35436	2.8307	44.133	1.6360	.42881	.97495
#1	10.546	.44434	.31365	-.03112	1.0543	.73172	.22437
#2	10.610	.44289	.32406	-.01436	1.0450	.73241	.22443
#3	10.453	.44604	.30633	-.03845	1.0213	.73748	.22821

Sample Name: PB117779BS Acquired: 3/12/2019 15:33:00 Type: Unk
Method: P4-ICP2(v2936) 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	.19370	6.041	.22618	F 4.0469	F<.00000
Stddev	.00153	.010	.00039	.1663	2.5365
%RSD	.79200	.1690	.17244	4.1098	10.568
#1	.19262	6.044	.22615	4.1708	-21.619
#2	.19303	6.030	.22658	4.1121	-23.718
#3	.19546	6.050	.22580	3.8579	-26.668
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3930.4	41886.	5441.9	32.359	3980.1
Stddev	6.7	128.	86.3	.982	5.3
%RSD	.17127	.30483	1.5865	3.0360	.13336
#1	3924.2	41795.	5378.3	31.923	3974.0
#2	3937.6	41831.	5407.1	31.670	3983.3
#3	3929.5	42032.	5540.2	33.484	3983.1

Sample Name: CCV04 Acquired: 3/12/2019 15:38:59 Type: Unk
Method: P4-ICP2(v2936) 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	5.2410	5.0818	5.1446	5.2608	5.3219	10.526	9.5473	.25802
Stddev	.0227	.0171	.0060	.0096	.0072	.127	.1074	.00026
%RSD	.43315	.33616	.11575	.18331	.13551	1.2071	1.1245	.10008
#1	5.2406	5.0802	5.1418	5.2554	5.3170	10.604	9.4741	.25778
#2	5.2639	5.0996	5.1514	5.2550	5.3185	10.595	9.4973	.25829
#3	5.2185	5.0655	5.1405	5.2719	5.3302	10.379	9.6706	.25798
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4928	24.990	1.0334	2.5796	1.2707	4.8289	2.5668	24.634
Stddev	.0023	.144	.0081	.0039	.0022	.0615	.0044	.085
%RSD	.09213	.57716	.78597	.14950	.17532	1.2731	.16984	.34634
#1	2.4926	24.829	1.0273	2.5838	1.2706	4.7688	2.5618	24.536
#2	2.4952	25.106	1.0426	2.5789	1.2686	4.8260	2.5698	24.671
#3	2.4906	25.036	1.0303	2.5762	1.2731	4.8917	2.5687	24.695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4556	1.3303	24.067	2.3730	2.6424	25.376	4.9569	4.6050
Stddev	.0031	.0089	.242	.0093	.0015	.221	.0021	.0264
%RSD	.12481	.67117	1.0071	.39052	.05781	.87026	.04290	.57308
#1	2.4569	1.3244	23.892	2.3698	2.6442	25.235	4.9585	4.5765
#2	2.4579	1.3405	23.966	2.3834	2.6415	25.262	4.9576	4.6096
#3	2.4522	1.3258	24.344	2.3657	2.6415	25.631	4.9545	4.6287
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0430	4.7723	4.7802	5.0753	4.5684	5.038	5.0375	F 4.4988
Stddev	.0167	.0697	.0102	.0162	.0427	.036	.0512	.1021
%RSD	.33145	1.4614	.21388	.31899	.93388	.7229	1.0169	2.2693
#1	5.0621	4.7248	4.7800	5.0584	4.5372	5.015	5.0008	4.4155
#2	5.0360	4.7396	4.7906	5.0907	4.5510	5.080	5.0156	4.6127
#3	5.0309	4.8523	4.7701	5.0769	4.6170	5.019	5.0960	4.4682

Sample Name: CCV04 Acquired: 3/12/2019 15:38:59 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3564
Stddev	.3842
%RSD	28.325

#1	1.1903
#2	1.0833
#3	1.7957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3808.8	40553.	5521.9	30.753	3647.0
Stddev	9.8	92.	69.3	1.091	6.3
%RSD	.25633	.22620	1.2556	3.5474	.17338

#1	3798.8	40588.	5569.4	29.831	3639.7
#2	3818.3	40449.	5553.9	31.958	3651.4
#3	3809.3	40623.	5442.3	30.471	3649.8

Sample Name: CCB04 Acquired: 3/12/2019 15:42:59 Type: Unk
Method: P4-ICP2(v2936) 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	-.00154	-.00152	-.00124	.00101	.00103	-.01248	-.04660
Stddev	.00222	.00044	.00031	.00082	.00061	.01004	.00500
%RSD	143.86	29.158	25.164	81.758	58.827	80.457	10.730

#1	.00095	-.00145	-.00136	.00011	.00147	-.01052	-.04356
#2	-.00328	-.00111	-.00089	.00173	.00034	-.02335	-.04387
#3	-.00229	-.00199	-.00147	.00118	.00128	-.00356	-.05238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	-.00540	-.00015	-.00020	-.00110	-.00508
Stddev	.00007	.00005	.01303	.00034	.00005	.00037	.00074
%RSD	200.48	445.14	241.38	222.65	22.777	33.875	14.589

#1	.00002	.00004	.00935	-.00034	-.00017	-.00133	-.00563
#2	.00011	-.00001	-.01536	.00024	-.00026	-.00129	-.00538
#3	-.00003	-.00006	-.01017	-.00037	-.00018	-.00067	-.00424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01578	.00095	.00066	-.30298	-.00032	-.00065
Stddev	.00003	.01948	.00012	.00034	.00125	.00036	.00007
%RSD	45167.	123.45	12.623	51.862	.41125	111.94	11.409

#1	.00004	-.01793	.00108	.00049	-.30155	-.00012	-.00069
#2	-.00002	-.03410	.00093	.00044	-.30363	-.00011	-.00068
#3	-.00002	.00468	.00084	.00106	-.30377	-.00074	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07913	.00006	.00424	F -.02518	.00470	-.00205	-.00219
Stddev	.01609	.00013	.00931	.00401	.00138	.00066	.00143
%RSD	20.329	228.61	219.41	15.926	29.371	32.174	64.943

#1	.07079	-.00004	.01339	-.02063	.00378	-.00147	-.00119
#2	.09767	.00020	-.00523	-.02820	.00629	-.00191	-.00157
#3	.06893	.00001	.00457	-.02670	.00404	-.00277	-.00383

Sample Name: CCB04 Acquired: 3/12/2019 15:42:59 Type: Unk
Method: P4-ICP2(v2936) 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	F -.01337	-.0035	.00012	F 3.2152	F<.00000
Stddev	.00164	.0012	.00004	.0406	.68189
%RSD	12.266	34.32	32.401	1.2639	62.798
#1	-.01304	-.0022	.00014	3.2594	-.83652
#2	-.01516	-.0046	.00014	3.2068	-.56372
#3	-.01193	-.0038	.00008	3.1794	-1.8573
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3919.5	42415.	5471.3	33.597	4039.1
Stddev	8.7	138.	30.4	.387	12.6
%RSD	.22243	.32459	.55476	1.1533	.31155
#1	3916.1	42268.	5436.3	33.927	4048.2
#2	3912.9	42436.	5486.9	33.693	4024.8
#3	3929.4	42541.	5490.7	33.170	4044.4

Sample Name: PB117847BL Acquired: 3/12/2019 15:47:27 Type: Unk
Method: P4-ICP2(v2936) 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	-.00157	-.00094	-.00124	.00119	-.00086	-.00606	-.04458
Stddev	.00098	.00096	.00053	.00254	.00032	.01404	.00735
%RSD	62.369	102.35	42.816	213.62	37.235	231.65	16.483

#1	-.00236	-.00001	-.00072	-.00166	-.00062	.00998	-.03925
#2	-.00187	-.00192	-.00121	.00321	-.00072	-.01614	-.05296
#3	-.00047	-.00088	-.00178	.00202	-.00122	-.01202	-.04153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00002	-.00507	-.00027	-.00018	-.00092	-.00495
Stddev	.00001	.00003	.00349	.00025	.00014	.00035	.00110
%RSD	86.903	194.03	68.922	95.076	80.027	38.702	22.264

#1	-.00002	-.00001	-.00139	-.00055	-.00014	-.00077	-.00621
#2	-.00003	.00001	-.00834	-.00017	-.00034	-.00066	-.00449
#3	.00000	.00005	-.00547	-.00008	-.00006	-.00132	-.00416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01229	.00076	.00032	-.31645	-.00055	-.00074
Stddev	.00008	.04664	.00029	.00054	.01032	.00045	.00008
%RSD	216.87	379.42	38.276	168.55	3.2610	82.257	10.504

#1	.00005	.05901	.00106	.00092	-.30552	-.00105	-.00079
#2	-.00005	-.03428	.00049	-.00013	-.32603	-.00040	-.00079
#3	.00011	.01215	.00072	.00017	-.31781	-.00019	-.00065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07517	-.00001	.01329	F -.02122	.00232	-.00244	-.00013
Stddev	.01159	.00020	.00078	.00530	.00216	.00029	.00153
%RSD	15.415	1388.5	5.8836	24.971	92.713	11.963	1151.4

#1	.06555	-.00022	.01357	-.02223	.00392	-.00225	-.00141
#2	.07192	-.00001	.01241	-.01549	.00318	-.00229	-.00055
#3	.08803	.00018	.01389	-.02594	-.00013	-.00278	.00156

Sample Name: PB117847BL Acquired: 3/12/2019 15:47:27 Type: Unk
 Method: P4-ICP2(v2936) 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	F -.01455	-.0027	.00006	F 3.0769	F .18453
Stddev	.00225	.0006	.00004	.1764	.53411
%RSD	15.432	23.06	67.753	5.7321	289.45
#1	-.01532	-.0029	.00004	3.2154	-.43204
#2	-.01202	-.0032	.00003	3.1371	.48042
#3	-.01631	-.0020	.00010	2.8784	.50521
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3942.5	42771.	5477.8	33.542	4054.3
Stddev	7.9	108.	46.0	.947	4.0
%RSD	.20154	.25282	.83932	2.8246	.09835
#1	3941.9	42799.	5438.5	34.636	4055.8
#2	3934.8	42652.	5528.4	32.986	4049.8
#3	3950.7	42862.	5466.5	33.005	4057.3

Sample Name: PB117847BS Acquired: 3/12/2019 15:51:55 Type: Unk
Method: P4-ICP2(v2936) 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	.85786	2.1628	1.0697	2.1425	.90067	2.1789	.16356
Stddev	.00224	.0008	.0010	.0030	.00421	.0220	.00145
%RSD	.26165	.03633	.09023	.13853	.46759	1.0093	.88384

#1	.85575	2.1620	1.0696	2.1413	.90509	2.2028	.16405
#2	.86022	2.1629	1.0707	2.1458	.90023	2.1596	.16194
#3	.85761	2.1636	1.0688	2.1403	.89670	2.1742	.16470

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21068	.20402	1.0955	.45269	.22185	.34271	3.2849
Stddev	.00007	.00022	.0172	.00185	.00019	.00133	.0256
%RSD	.03134	.10984	1.5722	.40827	.08431	.38875	.77907

#1	.21065	.20412	1.0759	.45419	.22166	.34118	3.2807
#2	.21076	.20377	1.1081	.45063	.22188	.34331	3.3123
#3	.21064	.20419	1.1024	.45325	.22203	.34363	3.2617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22938	2.1294	.52922	.08045	2.7117	.31413	.21490
Stddev	.00035	.0255	.00089	.00078	.0227	.00234	.00050
%RSD	.15302	1.1961	.16821	.96895	.83692	.74452	.23300

#1	.22911	2.1363	.53023	.08123	2.7352	.31561	.21432
#2	.22924	2.1508	.52886	.08046	2.7101	.31144	.21518
#3	.22978	2.1012	.52856	.07967	2.6899	.31536	.21521

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.357	.44221	.30197	F -.03222	.99550	.70359	.22495
Stddev	.029	.00075	.00099	.02170	.01223	.00360	.00204
%RSD	.28004	.16868	.32863	67.353	1.2281	.51202	.90863

#1	10.386	.44307	.30304	-.01219	.99638	.70063	.22260
#2	10.357	.44172	.30177	-.05527	1.0073	.70255	.22629
#3	10.328	.44183	.30109	-.02920	.98286	.70760	.22596

Sample Name: PB117847BS Acquired: 3/12/2019 15:51:55 Type: Unk
 Method: P4-ICP2(v2936) 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	.19418	5.687	.22076	F 3.5368	F<.00000
Stddev	.00316	.012	.00046	.1789	.94770
%RSD	1.6292	.2143	.20724	5.0584	3.7058
#1	.19452	5.673	.22027	3.7344	-26.326
#2	.19717	5.696	.22117	3.4900	-25.885
#3	.19087	5.691	.22083	3.3859	-24.509
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3862.6	42266.	5407.4	32.839	3934.0
Stddev	4.0	272.	54.6	.669	3.2
%RSD	.10336	.64409	1.0105	2.0369	.08012
#1	3859.5	41969.	5403.3	32.998	3930.4
#2	3861.3	42323.	5354.9	32.105	3935.5
#3	3867.1	42505.	5463.9	33.414	3936.1

Sample Name: PB117847TB Acquired: 3/12/2019 15:56:01 Type: Unk
Method: P4-ICP2(v2936) 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	-.00496	-.00514	.00016	.00385	-.00194	.00688	-.04910
Stddev	.00223	.00086	.00149	.00125	.00135	.01369	.00437
%RSD	44.985	16.801	931.04	32.506	69.583	198.85	8.9097

#1	-.00551	-.00549	-.00100	.00506	-.00337	.00130	-.05415
#2	-.00686	-.00577	-.00036	.00256	-.00070	.02248	-.04644
#3	-.00250	-.00415	.00184	.00393	-.00174	-.00313	-.04670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00014	.02072	.00082	-.00025	-.00083	-.00040
Stddev	.00004	.00008	.00579	.00067	.00023	.00019	.00133
%RSD	545.09	52.470	27.918	81.648	93.431	22.303	330.79

#1	.00004	-.00009	.02198	.00141	-.00001	-.00066	.00091
#2	-.00005	-.00023	.02578	.00096	-.00048	-.00103	-.00176
#3	-.00002	-.00012	.01441	.00009	-.00027	-.00080	-.00036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.01016	.00348	.00344	F 305.59	-.00031	.00347
Stddev	.00003	.02231	.00040	.00009	6.75	.00060	.00011
%RSD	28.117	219.60	11.436	2.6878	2.2098	190.27	3.1836

#1	.00007	.01097	.00348	.00347	307.07	.00024	.00358
#2	.00013	-.00796	.00308	.00334	298.22	-.00095	.00336
#3	.00013	-.03349	.00387	.00352	311.48	-.00023	.00348

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16645	.00055	.00670	-.00763	.01071	-.00198	-.00133
Stddev	.01407	.00026	.00751	.01267	.00035	.00167	.00236
%RSD	8.4534	47.454	112.09	166.08	3.2893	84.405	178.18

#1	.17176	.00041	.01170	.00246	.01062	-.00144	-.00289
#2	.15050	.00085	.01033	-.00350	.01041	-.00386	-.00249
#3	.17709	.00038	-.00193	-.02185	.01109	-.00064	.00139

Sample Name: PB117847TB Acquired: 3/12/2019 15:56:01 Type: Unk
 Method: P4-ICP2(v2936) 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	F -.01250	-.0031	.00010	4.9022	3.9156
Stddev	.00221	.0014	.00007	.0868	1.0281
%RSD	17.707	43.82	73.521	1.7700	26.256
#1	-.01154	-.0027	.00014	4.9541	4.8506
#2	-.01504	-.0047	.00001	4.9506	4.0815
#3	-.01093	-.0020	.00014	4.8021	2.8146
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.1	38582.	5371.6	31.417	3530.7
Stddev	3.8	209.	53.7	1.042	25.3
%RSD	.10406	.54239	.99924	3.3176	.71713
#1	3628.9	38359.	5357.0	31.120	3502.2
#2	3633.0	38611.	5431.1	32.575	3539.3
#3	3625.4	38775.	5326.8	30.555	3550.6

Sample Name: PB117848BL Acquired: 3/12/2019 16:00:36 Type: Unk
Method: P4-ICP2(v2936) 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	-.00043	-.00189	-.00220	-.00071	-.00193	-.01623	-.04944
Stddev	.00439	.00188	.00036	.00086	.00083	.01190	.00141
%RSD	1025.5	99.645	16.504	119.99	43.128	73.296	2.8612

#1	-.00076	.00028	-.00219	-.00150	-.00166	-.02290	-.05048
#2	-.00464	-.00300	-.00257	-.00085	-.00287	-.02329	-.05002
#3	.00411	-.00295	-.00185	.00020	-.00127	-.00250	-.04783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.00325	-.00032	-.00015	-.00075	-.00486
Stddev	.00005	.00004	.00589	.00020	.00009	.00034	.00081
%RSD	417.63	107.93	181.07	60.782	55.903	45.461	16.611

#1	-.00002	.00008	-.00049	-.00014	-.00008	-.00037	-.00518
#2	.00008	.00002	.00020	-.00030	-.00014	-.00103	-.00546
#3	-.00002	.00001	.01003	-.00053	-.00025	-.00085	-.00394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.03723	.00071	.00082	-.18557	-.00069	-.00075
Stddev	.00011	.02622	.00034	.00038	.01329	.00023	.00009
%RSD	346.28	70.435	48.292	46.641	7.1595	33.254	11.818

#1	-.00002	.00701	.00032	.00073	-.17052	-.00087	-.00065
#2	-.00015	.05397	.00095	.00049	-.19055	-.00077	-.00082
#3	.00007	.05070	.00085	.00124	-.19565	-.00043	-.00079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13632	.00017	-.00151	F -.02266	.00086	-.00361	-.00128
Stddev	.01618	.00012	.00755	.00893	.00111	.00076	.00035
%RSD	11.866	72.091	500.89	39.415	129.63	21.065	27.571

#1	.12142	.00003	.00646	-.01300	.00114	-.00275	-.00125
#2	.15352	.00027	-.00856	-.03061	.00181	-.00418	-.00164
#3	.13403	.00020	-.00243	-.02438	-.00037	-.00392	-.00094

Sample Name: PB117848BL Acquired: 3/12/2019 16:00:36 Type: Unk
Method: P4-ICP2(v2936) 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	F -.01051	-.0038	.00007	F 3.1578	F .18644
Stddev	.00171	.0008	.00010	.0437	1.4109
%RSD	16.280	20.73	152.62	1.3826	756.75
#1	-.01070	-.0035	-.00004	3.1706	-.43405
#2	-.00872	-.0047	.00008	3.1092	1.8012
#3	-.01213	-.0032	.00017	3.1937	-.80786
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3941.1	42877.	5523.3	32.279	4069.6
Stddev	2.3	224.	21.4	.423	4.0
%RSD	.05770	.52304	.38753	1.3119	.09892
#1	3942.1	42653.	5538.5	32.148	4074.1
#2	3938.5	43102.	5532.7	31.936	4066.5
#3	3942.7	42876.	5498.8	32.752	4068.1

Sample Name: PB117848BS Acquired: 3/12/2019 16:05:03 Type: Unk
Method: P4-ICP2(v2936) 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	.86335	2.1611	1.0715	2.1475	.90608	2.1862	.16052
Stddev	.00513	.0115	.0026	.0129	.00225	.0174	.00714
%RSD	.59431	.53011	.23835	.60023	.24814	.79475	4.4495

#1	.86589	2.1481	1.0690	2.1411	.90791	2.1975	.16862
#2	.85744	2.1650	1.0741	2.1391	.90357	2.1662	.15511
#3	.86671	2.1700	1.0715	2.1623	.90676	2.1950	.15782

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21158	.20404	1.0811	.45615	.22231	.34216	3.3059
Stddev	.00061	.00053	.0076	.00282	.00025	.00124	.0133
%RSD	.28836	.25917	.70262	.61761	.11276	.36223	.40352

#1	.21200	.20343	1.0753	.45632	.22219	.34110	3.3156
#2	.21088	.20434	1.0784	.45325	.22214	.34185	3.3113
#3	.21186	.20434	1.0897	.45887	.22260	.34352	3.2907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22987	2.1402	.52778	.08079	2.7306	.31257	.21560
Stddev	.00063	.0357	.00204	.00025	.0170	.00091	.00026
%RSD	.27565	1.6683	.38666	.31033	.62257	.29183	.11904

#1	.23013	2.1480	.52643	.08058	2.7452	.31308	.21531
#2	.22915	2.1012	.53012	.08072	2.7119	.31151	.21566
#3	.23033	2.1713	.52678	.08107	2.7348	.31310	.21581

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.299	.44087	.30290	F -.03156	.99458	.69812	.22405
Stddev	.052	.00195	.00972	.00958	.00536	.00251	.00291
%RSD	.50155	.44236	3.2098	30.369	.53878	.35943	1.2978

#1	10.347	.44061	.30095	-.03810	.99654	.69525	.22110
#2	10.244	.43907	.31344	-.02056	.99869	.69991	.22413
#3	10.304	.44294	.29430	-.03602	.98852	.69918	.22692

Sample Name: PB117848BS Acquired: 3/12/2019 16:05:03 Type: Unk
 Method: P4-ICP2(v2936) 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	.19185	5.662	.22148	F 3.8786	F<.00000
Stddev	.00052	.020	.00020	.1236	1.0575
%RSD	.27295	.3496	.08902	3.1876	4.1459
#1	.19244	5.639	.22167	3.9094	-24.288
#2	.19167	5.671	.22128	3.7424	-26.181
#3	.19144	5.675	.22148	3.9838	-26.051
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.2	41996.	5384.9	33.270	3921.5
Stddev	14.7	153.	32.9	2.048	18.7
%RSD	.38403	.36497	.61155	6.1554	.47788
#1	3818.3	41896.	5373.5	33.241	3908.8
#2	3837.1	42172.	5359.2	31.236	3912.8
#3	3847.3	41919.	5422.0	35.332	3943.0

Sample Name: PB117848TB Acquired: 3/12/2019 16:09:08 Type: Unk
Method: P4-ICP2(v2936) 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	-.00348	-.00367	-.00170	.00218	-.00120	-.00226	-.04887
Stddev	.00433	.00066	.00109	.00288	.00210	.01009	.00180
%RSD	124.60	18.103	63.951	132.49	175.41	445.58	3.6828

#1	-.00516	-.00315	-.00045	.00474	-.00360	.00595	-.04862
#2	.00144	-.00442	-.00243	-.00095	-.00033	.00078	-.04720
#3	-.00671	-.00345	-.00221	.00273	.00033	-.01352	-.05078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00007	.00409	.00120	-.00013	-.00101	-.00293
Stddev	.00005	.00007	.02232	.00036	.00021	.00026	.00091
%RSD	78.043	106.55	545.34	29.673	169.38	25.391	31.013

#1	-.00003	.00002	.00733	.00136	.00010	-.00072	-.00219
#2	-.00003	-.00011	-.01967	.00080	-.00033	-.00121	-.00266
#3	-.00011	-.00011	.02461	.00146	-.00015	-.00110	-.00395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.01020	.00303	.00261	F 222.61	-.00023	.00108
Stddev	.00006	.01675	.00010	.00055	1.57	.00044	.00008
%RSD	37.265	164.31	3.3292	21.191	.70373	192.47	7.7921

#1	.00014	.02399	.00311	.00318	223.23	-.00064	.00112
#2	.00010	.01504	.00292	.00255	220.83	.00024	.00098
#3	.00021	-.00845	.00306	.00208	223.77	-.00029	.00113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12069	.00031	.00553	F -.01784	.00933	-.00324	.00005
Stddev	.04031	.00036	.01108	.01088	.00250	.00027	.00157
%RSD	33.397	116.85	200.56	61.025	26.804	8.3549	2853.5

#1	.07865	.00071	.01800	-.03035	.00932	-.00328	.00085
#2	.12443	.00001	-.00319	-.01259	.00684	-.00295	.00107
#3	.15900	.00020	.00177	-.01057	.01184	-.00349	-.00175

Sample Name: PB117848TB Acquired: 3/12/2019 16:09:08 Type: Unk
Method: P4-ICP2(v2936) 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	F -.01401	-.0035	.00007	4.8766	3.6567
Stddev	.00322	.0012	.00006	.0869	.5764
%RSD	23.018	35.81	84.476	1.7817	15.761
#1	-.01625	-.0043	.00009	4.9736	4.2889
#2	-.01546	-.0041	.00001	4.8503	3.5206
#3	-.01031	-.0020	.00013	4.8059	3.1606
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.7	38944.	5377.1	32.235	3584.7
Stddev	5.4	226.	24.4	1.928	9.3
%RSD	.14749	.57948	.45438	5.9824	.25907
#1	3630.6	38697.	5370.8	30.305	3583.5
#2	3641.3	38994.	5404.0	34.161	3576.0
#3	3635.2	39140.	5356.4	32.239	3594.5

Sample Name: PB117791BL Acquired: 3/12/2019 16:13:44 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00149	-.00209	.00034	-.00142	-.00084	-.04522	-.00002
Stddev	.00171	.00050	.00137	.00202	.00190	.00654	.00207	.00005
%RSD	131.77	33.680	65.749	588.97	133.84	777.53	4.5746	241.53

#1	.00013	-.00206	-.00344	.00248	-.00324	.00661	-.04757	-.00003
#2	-.00320	-.00113	-.00069	-.00154	.00055	-.00563	-.04441	.00003
#3	-.00083	-.00128	-.00214	.00009	-.00157	-.00349	-.04368	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00636	-.00004	-.00019	-.00096	-.00446	-.00005	.03706
Stddev	.00007	.00999	.00007	.00004	.00030	.00117	.00010	.01935
%RSD	936.85	157.11	190.01	21.360	31.133	26.315	202.72	52.217

#1	-.00004	.00205	-.00006	-.00016	-.00086	-.00332	-.00007	.05668
#2	.00008	-.00076	.00004	-.00024	-.00073	-.00439	-.00013	.03651
#3	-.00002	.01778	-.00010	-.00018	-.00130	-.00566	.00006	.01799

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00085	-.17885	-.00060	-.00069	.09436	-.00007	-.00257
Stddev	.00013	.00034	.01667	.00029	.00007	.02410	.00012	.00825
%RSD	18.598	39.695	9.3220	48.242	10.408	25.539	178.81	321.35

#1	.00084	.00122	-.15960	-.00094	-.00076	.08667	-.00007	-.00033
#2	.00064	.00058	-.18837	-.00041	-.00062	.12137	.00006	.00434
#3	.00060	.00073	-.18858	-.00046	-.00067	.07505	-.00019	-.01171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01908	.00272	-.00336	-.00103	-.01244	-.0037	.00008	3.1985
Stddev	.01142	.00239	.00074	.00104	.00166	.0000	.00004	.1261
%RSD	59.876	87.837	21.980	101.21	13.352	1.312	45.244	3.9431

#1	-.01073	.00012	-.00419	.00017	-.01052	-.0036	.00012	3.3439
#2	-.03210	.00323	-.00310	-.00173	-.01345	-.0037	.00008	3.1324
#3	-.01441	.00483	-.00278	-.00153	-.01335	-.0037	.00004	3.1192

Sample Name: PB117791BL Acquired: 3/12/2019 16:13:44 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.6453
%RSD 2195.2

#1 -.96838
#2 -1.0803
#3 1.8238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.4	42853.	5535.9	33.667	4059.8
Stddev	5.6	79.	54.2	.223	11.5
%RSD	.14317	.18422	.97885	.66151	.28232

#1	3933.8	42912.	5506.8	33.711	4072.3
#2	3923.5	42883.	5502.5	33.425	4057.4
#3	3924.9	42763.	5598.4	33.864	4049.8

Sample Name: PB117791BS Acquired: 3/12/2019 16:18:11 Type: Unk
Method: P4-ICP2(v2936) 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	.85589	2.1414	1.0636	2.1337	.89372	2.1544	F .15659
Stddev	.00361	.0118	.0056	.0127	.00145	.0119	.00248
%RSD	.42156	.55347	.52230	.59478	.16239	.55398	1.5823

#1	.85250	2.1287	1.0579	2.1401	.89388	2.1681	.15485
#2	.85968	2.1522	1.0690	2.1418	.89509	2.1485	.15551
#3	.85550	2.1434	1.0640	2.1190	.89220	2.1465	.15943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21074	.20177	1.0645	.44508	.21976	.33849	3.2371
Stddev	.00071	.00054	.0047	.00129	.00064	.00329	.0376
%RSD	.33649	.26530	.44237	.28979	.29015	.97325	1.1616

#1	.20992	.20125	1.0694	.44438	.21920	.33834	3.1939
#2	.21117	.20232	1.0639	.44657	.22045	.34186	3.2624
#3	.21113	.20174	1.0601	.44428	.21964	.33528	3.2551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22646	2.0854	.51994	.07984	2.6937	.30443	.21513
Stddev	.00045	.0289	.00163	.00085	.0189	.00041	.00077
%RSD	.19838	1.3836	.31301	1.0593	.70093	.13439	.35801

#1	.22594	2.1135	.51841	.07898	2.6719	.30424	.21474
#2	.22671	2.0558	.52165	.08067	2.7043	.30415	.21601
#3	.22673	2.0868	.51976	.07987	2.7050	.30490	.21463

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.163	.43127	.29448	F -.03953	.98900	.68353	.22000
Stddev	.045	.00247	.00636	.01250	.00280	.00350	.00153
%RSD	.44661	.57176	2.1603	31.616	.28332	.51135	.69447

#1	10.121	.43124	.30178	-.02970	.98577	.68034	.21891
#2	10.211	.43375	.29161	-.03529	.99086	.68727	.21935
#3	10.157	.42882	.29007	-.05359	.99036	.68300	.22175

Sample Name: PB117791BS Acquired: 3/12/2019 16:18:11 Type: Unk
Method: P4-ICP2(v2936) 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	.19193	F 5.613	.21770	F 3.7272	F<.00000
Stddev	.00100	.030	.00028	.1420	.95831
%RSD	.52219	.5440	.13066	3.8089	3.7594
#1	.19161	5.589	.21782	3.5645	-24.929
#2	.19306	5.647	.21790	3.8260	-26.598
#3	.19113	5.604	.21737	3.7911	-24.947
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.2	42036.	5419.7	32.163	3935.6
Stddev	19.0	64.	49.6	1.446	4.6
%RSD	.49416	.15193	.91533	4.4970	.11642
#1	3819.2	42097.	5475.5	33.823	3930.3
#2	3835.4	41969.	5380.7	31.493	3937.6
#3	3857.0	42043.	5402.9	31.173	3938.8

Sample Name: K1807-25 Acquired: 3/12/2019 16:22:18 Type: Unk
Method: P4-ICP2(v2936) 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	.09870	-.04064	.12108	-.08671	-.02126	285.33	.43080
Stddev	.00475	.00053	.00315	.00318	.00375	.46	.00493
%RSD	4.8177	1.3097	2.6008	3.6622	17.627	.16089	1.1444

#1	.10326	-.04004	.11756	-.08889	-.01776	285.22	.43268
#2	.09377	-.04105	.12207	-.08307	-.02081	285.83	.43451
#3	.09905	-.04083	.12362	-.08817	-.02522	284.93	.42520

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01913	.00111	4.3327	.34468	.12320	.17391	304.29
Stddev	.00018	.00058	.0413	.00159	.00054	.00142	2.76
%RSD	.94536	52.890	.95341	.46266	.43724	.81663	.90634

#1	.01930	.00045	4.2855	.34540	.12286	.17452	307.44
#2	.01913	.00129	4.3509	.34285	.12291	.17229	303.08
#3	.01894	.00158	4.3619	.34579	.12382	.17492	302.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2119	13.578	.15848	-.03711	-.14811	.54007	.50431
Stddev	.0035	.092	.00018	.00035	.00985	.00393	.00124
%RSD	.15966	.68021	.11667	.93933	6.6522	.72837	.24603

#1	2.2159	13.520	.15841	-.03736	-.13727	.54294	.50360
#2	2.2091	13.685	.15834	-.03671	-.15651	.53558	.50575
#3	2.2108	13.530	.15869	-.03726	-.15056	.54168	.50359

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.773	.00089	-.25339	2.1416	F 13.727	.01829	1.8573
Stddev	.094	.00007	.01314	.0162	.048	.00035	.0080
%RSD	.80105	8.3323	5.1872	.75666	.34758	1.9126	.43136

#1	11.819	.00087	-.24556	2.1373	13.778	.01858	1.8528
#2	11.835	.00097	-.24605	2.1279	13.719	.01790	1.8665
#3	11.665	.00082	-.26857	2.1595	13.683	.01838	1.8525

Sample Name: K1807-25 Acquired: 3/12/2019 16:22:18 Type: Unk
 Method: P4-ICP2(v2936) 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	.08559	7.180	-.30783	<.00000	F<.00000
Stddev	.00142	.017	.00314	.03668	9.9604
%RSD	1.6620	.2309	1.0188	10.627	.52906
#1	.08719	7.178	-.31143	-.33574	-1878.3
#2	.08509	7.164	-.30634	-.38566	-1894.0
#3	.08448	7.197	-.30571	-.31414	-1875.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4342.4	46346.	6438.7	33.693	3536.2
Stddev	9.7	237.	36.0	2.942	4.5
%RSD	.22429	.51201	.55841	8.7318	.12648
#1	4334.7	46084.	6397.3	30.435	3541.4
#2	4353.3	46547.	6456.5	34.491	3533.7
#3	4339.0	46407.	6462.2	36.154	3533.6

Sample Name: K1689-01 Acquired: 3/12/2019 16:26:44 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-030819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01402	-.07513	.33175	-.05065	-.01833	122.06	.60610
Stddev	.00116	.00244	.00334	.00171	.00290	.43	.00301
%RSD	8.2711	3.2437	1.0064	3.3663	15.833	.35624	.49650

#1	.01456	-.07314	.33038	-.05223	-.01636	122.18	.60955
#2	.01481	-.07441	.32931	-.05089	-.02166	121.58	.60402
#3	.01269	-.07785	.33555	-.04884	-.01697	122.43	.60472

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01210	.00260	41.438	.23439	.14736	.38386	241.69
Stddev	.00035	.00012	.103	.00047	.00042	.00169	1.08
%RSD	2.9022	4.5618	.24853	.19987	.28561	.43909	.44489

#1	.01245	.00262	41.329	.23392	.14695	.38209	240.47
#2	.01208	.00248	41.534	.23441	.14735	.38406	242.10
#3	.01175	.00272	41.451	.23485	.14779	.38544	242.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7575	55.523	.21653	-.02996	19.703	.32446	.84483
Stddev	.0217	.138	.00055	.00025	.076	.00140	.00203
%RSD	.37758	.24916	.25282	.84722	.38532	.43083	.24007

#1	5.7625	55.381	.21635	-.03025	19.771	.32462	.84586
#2	5.7337	55.657	.21609	-.02977	19.621	.32299	.84614
#3	5.7764	55.532	.21714	-.02985	19.716	.32577	.84250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.696	.01040	-.05583	4.0438	1.6811	.02046	3.6402
Stddev	.074	.00011	.00426	.0288	.0019	.00192	.0216
%RSD	.53729	1.0775	7.6290	.71191	.11609	9.3687	.59382

#1	13.733	.01028	-.05953	4.0135	1.6814	.02146	3.6510
#2	13.611	.01049	-.05679	4.0471	1.6791	.01825	3.6153
#3	13.743	.01043	-.05117	4.0707	1.6830	.02167	3.6542

Sample Name: K1689-01 Acquired: 3/12/2019 16:26:44 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-030819 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22955	7.017	-.08791	<.00000	F<.00000
Stddev	.00115	.025	.00163	.12032	3.4131
%RSD	.50060	.3636	1.8501	9.8579	.23185

#1	.22843	6.999	-.08605	-1.2960	-1474.5
#2	.23072	7.005	-.08905	-1.2838	-1468.2
#3	.22951	7.046	-.08862	-1.0818	-1473.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4536.8	49128.	6781.9	32.963	3454.4
Stddev	8.4	90.	18.3	1.420	9.2
%RSD	.18409	.18293	.26938	4.3069	.26711

#1	4531.6	49180.	6802.9	34.080	3452.3
#2	4532.3	49180.	6769.3	33.445	3446.3
#3	4546.4	49024.	6773.7	31.366	3464.4

Sample Name: CCV05 Acquired: 3/12/2019 16:31:19 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117789BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3101	5.0982	5.1918	5.2930	5.3810	10.536	9.5324	.25943
Stddev	.0089	.0154	.0044	.0123	.0121	.139	.1116	.00042
%RSD	.16747	.30163	.08541	.23211	.22437	1.3227	1.1702	.16292
#1	5.3160	5.0958	5.1867	5.2818	5.3747	10.378	9.6546	.25964
#2	5.3145	5.1147	5.1938	5.3061	5.3949	10.640	9.4361	.25972
#3	5.2999	5.0842	5.1949	5.2911	5.3735	10.590	9.5066	.25895
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5054	24.946	1.0267	2.6024	1.2801	4.8245	2.5792	24.500
Stddev	.0023	.126	.0037	.0026	.0022	.0695	.0011	.104
%RSD	.09336	.50446	.36274	.09969	.17265	1.4408	.04392	.42552
#1	2.5072	25.091	1.0228	2.5994	1.2813	4.9011	2.5784	24.613
#2	2.5061	24.880	1.0271	2.6042	1.2814	4.7654	2.5786	24.481
#3	2.5027	24.867	1.0302	2.6036	1.2775	4.8071	2.5805	24.407
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4608	1.3278	24.220	2.3502	2.6654	25.649	4.9609	4.6100
Stddev	.0034	.0050	.336	.0030	.0041	.285	.0101	.0009
%RSD	.13711	.37383	1.3854	.12797	.15393	1.1130	.20432	.01877
#1	2.4581	1.3237	24.606	2.3499	2.6654	25.975	4.9602	4.6091
#2	2.4646	1.3263	23.999	2.3474	2.6694	25.444	4.9714	4.6109
#3	2.4597	1.3333	24.055	2.3534	2.6612	25.528	4.9511	4.6099
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0438	4.7969	4.7424	5.1124	4.6103	5.039	5.0678	4.5910
Stddev	.0177	.0786	.0091	.0268	.0514	.004	.0543	.1045
%RSD	.35146	1.6380	.19193	.52449	1.1141	.0759	1.0704	2.2769
#1	5.0294	4.8845	4.7499	5.1268	4.6662	5.037	5.1249	4.5275
#2	5.0384	4.7328	4.7450	5.1289	4.5652	5.037	5.0169	4.5339
#3	5.0636	4.7733	4.7323	5.0815	4.5995	5.044	5.0615	4.7117

Sample Name: CCV05 Acquired: 3/12/2019 16:31:19 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117789BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .59232
Stddev	2.3001
%RSD	388.32

#1	2.0218
#2	-2.0609
#3	1.8161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3743.7	40294.	5486.1	31.695	3605.7
Stddev	5.4	178.	84.4	1.938	4.4
%RSD	.14492	.44093	1.5390	6.1147	.12079

#1	3744.2	40458.	5391.4	29.495	3603.1
#2	3738.1	40319.	5553.6	33.150	3603.2
#3	3748.9	40106.	5513.3	32.441	3610.7

Sample Name: CCB05 Acquired: 3/12/2019 16:35:19 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117789BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	-.00085	-.00114	-.00110	-.00220	-.00520	F -.05235
Stddev	.00071	.00034	.00031	.00233	.00145	.00341	.00049
%RSD	23.701	40.121	27.467	211.91	66.007	65.454	.94288

#1	-.00375	-.00123	-.00089	.00027	-.00307	-.00711	-.05290
#2	-.00285	-.00060	-.00103	.00022	-.00052	-.00127	-.05195
#3	-.00235	-.00071	-.00149	-.00380	-.00300	-.00723	-.05221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00003	-.01114	-.00003	-.00014	-.00089	-.00514
Stddev	.00005	.00011	.01251	.00032	.00014	.00024	.00093
%RSD	124.97	381.14	112.30	1069.6	101.38	26.551	18.077

#1	.00001	-.00003	-.00013	.00027	-.00025	-.00069	-.00441
#2	-.00004	.00016	-.02474	-.00038	-.00018	-.00082	-.00619
#3	-.00008	-.00004	-.00855	.00002	.00002	-.00115	-.00483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00025	.00076	.00072	-.28853	-.00049	-.00051
Stddev	.00004	.01621	.00015	.00080	.01513	.00026	.00004
%RSD	90.452	6458.2	20.272	110.90	5.2435	51.804	7.6036

#1	.00003	-.01463	.00075	.00161	-.30429	-.00073	-.00056
#2	.00002	-.00344	.00092	.00007	-.28717	-.00022	-.00048
#3	.00010	.01732	.00061	.00047	-.27412	-.00053	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05186	.00024	.00057	F -.02154	.00538	-.00273	.00006
Stddev	.04143	.00019	.01136	.01182	.00142	.00082	.00143
%RSD	79.903	81.392	1977.9	54.849	26.358	29.960	2492.2

#1	.01142	.00007	.01315	-.02523	.00374	-.00201	-.00131
#2	.09422	.00045	-.00250	-.00832	.00619	-.00362	.00154
#3	.04992	.00020	-.00893	-.03108	.00621	-.00255	-.00006

Sample Name: CCB05 Acquired: 3/12/2019 16:35:19 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117789BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -0.01315	-0.0033	.00008	3.4039	<.00000
Stddev	.00066	.0017	.00006	.0928	.12636
%RSD	4.9907	53.37	78.783	2.7260	8.3214
#1	-0.01332	-0.0052	.00004	3.4510	-1.5389
#2	-0.01243	-0.0025	.00005	3.2970	-1.6334
#3	-0.01371	-0.0020	.00016	3.4637	-1.3832
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.9	42533.	5500.4	33.081	4031.8
Stddev	2.4	169.	67.8	1.714	9.0
%RSD	.06211	.39843	1.2325	5.1823	.22299
#1	3895.5	42345.	5469.5	31.102	4021.5
#2	3897.7	42674.	5578.2	34.118	4035.2
#3	3900.4	42581.	5453.6	34.023	4038.5

Sample Name: K1691-01 Acquired: 3/12/2019 16:39:48 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16182	-.08823	.34504	-.06828	-.00971	126.05	.39753
Stddev	.00248	.00457	.00194	.00514	.00261	.07	.00759
%RSD	1.5314	5.1798	.56229	7.5348	26.863	.05744	1.9099

#1	.15964	-.08550	.34302	-.06806	-.01141	125.99	.40577
#2	.16132	-.09351	.34521	-.06325	-.01101	126.04	.39081
#3	.16452	-.08569	.34689	-.07353	-.00671	126.13	.39603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00701	.00746	1236.5	.12980	.09077	.26931	155.51
Stddev	.00025	.00023	11.8	.00111	.00050	.00058	2.16
%RSD	3.5463	3.1047	.95065	.85338	.55333	.21534	1.3901

#1	.00694	.00741	1249.3	.12891	.09133	.26969	157.83
#2	.00728	.00772	1226.2	.13104	.09036	.26960	153.55
#3	.00680	.00726	1234.1	.12946	.09061	.26865	155.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3076	391.85	.15100	-.02646	26.359	.21461	1.0633
Stddev	.0646	5.05	.00089	.00126	.328	.00257	.0016
%RSD	.77777	1.2877	.59191	4.7473	1.2458	1.1984	.15445

#1	8.3326	396.76	.15091	-.02502	26.705	.21194	1.0616
#2	8.3560	386.68	.15016	-.02702	26.051	.21707	1.0636
#3	8.2342	392.12	.15194	-.02734	26.322	.21482	1.0649

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.720	.00429	-.09609	F 12.843	2.0132	.02415	4.6911
Stddev	.226	.00049	.00550	.117	.0099	.00080	.0133
%RSD	1.3503	11.451	5.7220	.91090	.49143	3.3211	.28358

#1	16.905	.00461	-.08976	12.934	2.0245	.02444	4.7064
#2	16.468	.00373	-.09886	12.885	2.0061	.02477	4.6845
#3	16.786	.00455	-.09965	12.711	2.0089	.02324	4.6824

Sample Name: K1691-01 Acquired: 3/12/2019 16:39:48 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30025	8.417	3.7868	3.1413	F<.00000
Stddev	.00092	.027	.0391	.1758	1.5079
%RSD	.30718	.3165	1.0312	5.5977	.18865
#1	.29982	8.447	3.8211	3.1563	-800.96
#2	.30131	8.395	3.7443	2.9585	-798.04
#3	.29962	8.410	3.7950	3.3092	-798.85
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3676.6	40159.	6059.3	28.030	2795.6
Stddev	4.3	39.	70.1	.546	6.7
%RSD	.11726	.09740	1.1568	1.9488	.24016
#1	3677.9	40202.	5992.6	28.347	2796.5
#2	3680.2	40149.	6132.3	27.399	2801.8
#3	3671.8	40126.	6052.9	28.344	2788.5

Sample Name: K1691-03 Acquired: 3/12/2019 16:44:24 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04919	-.08860	.40989	-.04089	-.01307	128.80	.40717
Stddev	.00210	.00109	.00328	.00105	.00161	.55	.00093
%RSD	4.2700	1.2296	.79976	2.5561	12.358	.42956	.22804

#1	.05124	-.08740	.40719	-.03998	-.01121	128.21	.40823
#2	.04929	-.08954	.41354	-.04203	-.01386	129.31	.40651
#3	.04704	-.08886	.40895	-.04065	-.01413	128.87	.40676

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00771	.01030	126.77	.15063	.10469	.32866	188.40
Stddev	.00044	.00031	.10	.00036	.00074	.00115	.95
%RSD	5.6906	2.9633	.07762	.24004	.70426	.34896	.50610

#1	.00769	.00996	126.72	.15036	.10387	.32958	189.17
#2	.00816	.01053	126.88	.15104	.10531	.32738	187.33
#3	.00729	.01041	126.70	.15049	.10487	.32903	188.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8237	73.280	.17867	-.01999	8.1104	.31799	4.6089
Stddev	.0020	.061	.00157	.00029	.0404	.00185	.0208
%RSD	.05342	.08309	.87602	1.4277	.49817	.58041	.45137

#1	3.8220	73.214	.17794	-.02031	8.1429	.31905	4.5849
#2	3.8230	73.291	.17761	-.01977	8.1232	.31586	4.6199
#3	3.8259	73.334	.18047	-.01988	8.0651	.31907	4.6219

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.373	.00192	-.07878	9.5087	1.1040	.03342	5.1079
Stddev	.110	.00024	.01137	.0531	.0131	.00033	.0067
%RSD	.71437	12.558	14.436	.55873	1.1817	.97336	.13199

#1	15.491	.00166	-.06585	9.4652	1.1137	.03304	5.1146
#2	15.354	.00195	-.08327	9.4930	1.1092	.03361	5.1011
#3	15.274	.00214	-.08722	9.5679	1.0892	.03361	5.1079

Sample Name: K1691-03 Acquired: 3/12/2019 16:44:24 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17283	6.138	.06019	1.2765	F<.00000
Stddev	.00290	.035	.00123	.1436	1.3840
%RSD	1.6809	.5756	2.0384	11.250	.13644
#1	.17603	6.098	.05916	1.2803	-1013.7
#2	.17037	6.151	.06155	1.1311	-1016.0
#3	.17207	6.165	.05986	1.4182	-1013.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4211.9	45619.	6377.0	31.640	3413.2
Stddev	4.8	177.	6.4	1.402	16.0
%RSD	.11278	.38880	.10012	4.4311	.46905
#1	4206.5	45806.	6371.9	32.390	3431.5
#2	4214.0	45598.	6384.2	32.507	3401.8
#3	4215.2	45453.	6375.0	30.022	3406.3

Sample Name: K1691-05 Acquired: 3/12/2019 16:48:49 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23248	-.10051	.23555	-.04803	-.01369	120.95	.29693
Stddev	.00210	.00118	.00179	.00173	.00131	.54	.00337
%RSD	.90332	1.1703	.75982	3.6031	9.5882	.44312	1.1341

#1	.23397	-.10102	.23435	-.04647	-.01508	120.35	.29307
#2	.23008	-.09916	.23469	-.04773	-.01248	121.39	.29930
#3	.23339	-.10134	.23761	-.04989	-.01350	121.12	.29841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.00391	342.93	.12050	.11851	.28269	163.38
Stddev	.00007	.00021	.27	.00023	.00044	.00083	.31
%RSD	1.1111	5.4568	.07760	.18743	.37532	.29520	.19132

#1	.00671	.00368	342.62	.12059	.11823	.28365	163.71
#2	.00661	.00409	343.05	.12024	.11828	.28215	163.34
#3	.00675	.00397	343.11	.12067	.11902	.28227	163.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9168	100.51	.19104	-.02562	11.263	.27870	.72127
Stddev	.0079	.16	.00070	.00053	.021	.00205	.00431
%RSD	.20097	.16176	.36402	2.0845	.18899	.73440	.59825

#1	3.9086	100.70	.19031	-.02515	11.270	.27855	.71873
#2	3.9243	100.40	.19111	-.02551	11.280	.27674	.71883
#3	3.9175	100.44	.19169	-.02620	11.239	.28082	.72625

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.731	.00249	-.06894	F 10.344	1.2345	.02211	5.1614
Stddev	.028	.00023	.00778	.053	.0112	.00099	.0210
%RSD	.18833	9.2679	11.281	.50943	.90373	4.4680	.40641

#1	14.752	.00245	-.07114	10.326	1.2446	.02166	5.1606
#2	14.743	.00228	-.06030	10.303	1.2226	.02324	5.1409
#3	14.700	.00274	-.07539	10.403	1.2363	.02143	5.1828

Sample Name: K1691-05 Acquired: 3/12/2019 16:48:49 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18040	F 10.60	.95461	.62235	F<.00000
Stddev	.00231	.06	.00168	.14318	9.7497
%RSD	1.2798	.5590	.17597	23.007	1.0411
#1	.17796	10.55	.95587	.54476	-943.42
#2	.18069	10.60	.95524	.78758	-925.37
#3	.18255	10.66	.95270	.53470	-940.79
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4301.9	46884.	6782.3	30.134	3217.4
Stddev	5.6	104.	10.8	1.542	13.8
%RSD	.12921	.22120	.15865	5.1159	.42909
#1	4295.6	47002.	6770.7	31.913	3224.4
#2	4306.0	46840.	6791.9	29.288	3226.3
#3	4304.1	46809.	6784.3	29.200	3201.5

Sample Name: K1691-07 Acquired: 3/12/2019 16:53:14 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05322	-.12498	.24138	-.05039	-.01356	115.54	.33976
Stddev	.00182	.00338	.00275	.00372	.00299	.39	.00390
%RSD	3.4234	2.7025	1.1400	7.3750	22.049	.33549	1.1475

#1	.05531	-.12303	.24318	-.05292	-.01513	115.21	.34272
#2	.05195	-.12888	.23821	-.04613	-.01544	115.97	.33534
#3	.05240	-.12303	.24276	-.05213	-.01011	115.44	.34121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	.00486	530.10	.11808	.09632	.22915	153.03
Stddev	.00022	.00036	3.30	.00147	.00004	.00162	.93
%RSD	2.7637	7.3829	.62199	1.2457	.04637	.70707	.60486

#1	.00825	.00451	531.57	.11731	.09629	.22813	153.96
#2	.00781	.00523	526.33	.11978	.09637	.22830	152.11
#3	.00806	.00482	532.42	.11716	.09629	.23102	153.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6873	163.75	.14722	-.02467	9.0111	.25520	1.0386
Stddev	.0068	1.22	.00045	.00051	.1080	.00231	.0070
%RSD	.14481	.74778	.30417	2.0484	1.1983	.90532	.67868

#1	4.6794	164.22	.14679	-.02466	9.0837	.25735	1.0419
#2	4.6913	162.37	.14717	-.02416	8.8870	.25548	1.0433
#3	4.6911	164.68	.14769	-.02517	9.0626	.25276	1.0305

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.451	.00197	-.09685	F 13.693	1.1267	.02523	6.8108
Stddev	.211	.00031	.01173	.044	.0219	.00080	.0121
%RSD	.98190	15.954	12.117	.32023	1.9404	3.1709	.17799

#1	21.526	.00188	-.08383	13.743	1.1404	.02476	6.8102
#2	21.213	.00232	-.10662	13.668	1.1015	.02616	6.7990
#3	21.614	.00171	-.10009	13.667	1.1382	.02478	6.8232

Sample Name: K1691-07 Acquired: 3/12/2019 16:53:14 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-030819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27683	5.354	1.4322	1.4320	F<.00000
Stddev	.00114	.002	.0083	.1389	3.9572
%RSD	.41251	.0346	.57891	9.6978	.46721
#1	.27788	5.352	1.4353	1.3316	-843.96
#2	.27562	5.354	1.4228	1.5905	-845.52
#3	.27699	5.356	1.4385	1.3739	-851.46
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.4	44999.	6627.9	31.328	3111.5
Stddev	3.8	138.	49.6	.751	17.8
%RSD	.09276	.30748	.74779	2.3966	.57222
#1	4123.8	45002.	6591.6	30.476	3101.3
#2	4124.7	44859.	6684.4	31.893	3101.2
#3	4130.8	45136.	6607.9	31.616	3132.1

Sample Name: K1692-01 Acquired: 3/12/2019 16:57:39 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-030819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03541	-.11059	.26284	-.05369	-.01074	137.68	.31324
Stddev	.00277	.00161	.00231	.00152	.00225	.50	.00160
%RSD	7.8270	1.4565	.88067	2.8224	20.914	.36239	.51112

#1	.03245	-.11056	.26100	-.05487	-.01321	138.11	.31482
#2	.03794	-.11222	.26544	-.05421	-.01018	137.79	.31162
#3	.03584	-.10900	.26208	-.05198	-.00882	137.13	.31330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00706	.00479	572.08	.14428	.11390	.35694	163.98
Stddev	.00019	.00043	2.06	.00101	.00004	.00139	.66
%RSD	2.6689	8.9383	.35977	.70076	.03902	.39043	.40130

#1	.00691	.00499	569.74	.14481	.11385	.35533	163.86
#2	.00727	.00509	572.88	.14491	.11392	.35773	163.39
#3	.00700	.00430	573.61	.14311	.11393	.35775	164.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6231	159.87	.19895	-.02490	11.417	.31836	.91762
Stddev	.0078	.81	.00184	.00042	.048	.00103	.00449
%RSD	.16878	.50953	.92703	1.6895	.41720	.32427	.48943

#1	4.6181	158.93	.19772	-.02449	11.441	.31942	.92241
#2	4.6321	160.30	.19805	-.02533	11.447	.31831	.91351
#3	4.6191	160.39	.20107	-.02487	11.362	.31735	.91694

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.406	.00471	-.09189	F 10.339	1.1405	.02264	6.0135
Stddev	.034	.00009	.00448	.018	.0120	.00034	.0083
%RSD	.20677	1.8133	4.8744	.17898	1.0475	1.5096	.13825

#1	16.432	.00465	-.09076	10.318	1.1356	.02242	6.0157
#2	16.419	.00466	-.09683	10.351	1.1541	.02247	6.0205
#3	16.368	.00480	-.08809	10.349	1.1317	.02304	6.0043

Sample Name: K1692-01 Acquired: 3/12/2019 16:57:39 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-030819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26473	6.400	1.3948	1.8637	F<.00000
Stddev	.00222	.013	.0052	.1421	9.2434
%RSD	.83705	.2014	.36984	7.6226	1.0360
#1	.26389	6.404	1.3896	1.7513	-883.30
#2	.26724	6.411	1.3999	2.0234	-901.75
#3	.26305	6.386	1.3951	1.8165	-891.61
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4048.9	43954.	6402.8	30.518	3071.3
Stddev	8.0	132.	17.1	.844	16.9
%RSD	.19653	.30049	.26685	2.7643	.55153
#1	4050.2	43806.	6422.3	31.437	3059.9
#2	4056.2	43999.	6395.3	30.339	3090.8
#3	4040.4	44058.	6390.7	29.779	3063.3

Sample Name: K1785-01 Acquired: 3/12/2019 17:02:03 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SD4-0.0-0.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01377	-.03996	.56405	-.01780	-.01276	60.704	.88714
Stddev	.00126	.00230	.00074	.00410	.00069	.176	.00561
%RSD	9.1209	5.7454	.13134	23.051	5.4346	.29029	.63207

#1	.01370	-.03922	.56472	-.01372	-.01321	60.643	.89358
#2	.01256	-.04253	.56326	-.01775	-.01312	60.566	.88448
#3	.01506	-.03812	.56417	-.02193	-.01196	60.903	.88336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01123	.00606	18.349	.00512	.04734	.11440	150.48
Stddev	.00018	.00019	.114	.00023	.00032	.00046	1.16
%RSD	1.5581	3.1495	.62315	4.5705	.66624	.40159	.76852

#1	.01142	.00612	18.461	.00536	.04769	.11424	151.82
#2	.01108	.00585	18.355	.00510	.04728	.11403	149.84
#3	.01120	.00622	18.232	.00489	.04706	.11491	149.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3530	6.3918	.02370	-.00861	.26856	.05103	1.2839
Stddev	.0295	.0286	.00039	.00043	.00399	.00071	.0014
%RSD	.55137	.44702	1.6252	4.9558	1.4854	1.3946	.10952

#1	5.3455	6.4077	.02326	-.00832	.26421	.05023	1.2848
#2	5.3280	6.4090	.02393	-.00910	.26944	.05157	1.2823
#3	5.3856	6.3589	.02392	-.00841	.27204	.05131	1.2845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2914	.01176	-.08932	3.8518	1.2194	.04967	1.5818
Stddev	.0179	.00017	.00587	.0189	.0028	.00061	.0019
%RSD	.41747	1.4127	6.5769	.49086	.23165	1.2331	.12101

#1	4.3121	.01177	-.08325	3.8330	1.2194	.05028	1.5823
#2	4.2799	.01192	-.09498	3.8708	1.2223	.04967	1.5834
#3	4.2823	.01159	-.08974	3.8516	1.2166	.04905	1.5797

Sample Name: K1785-01 Acquired: 3/12/2019 17:02:03 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SD4-0.0-0.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00759	7.581	-.03174	<.00000	F<.00000
Stddev	.00099	.009	.00142	.28564	4.4232
%RSD	12.980	.1140	4.4589	8.9304	.46503

#1	.00702	7.588	-.03334	-3.1647	-947.29
#2	.00873	7.585	-.03067	-3.4995	-950.24
#3	.00703	7.571	-.03120	-2.9312	-955.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5212.6	57294.	7787.3	33.551	3659.1
Stddev	6.3	200.	46.8	1.221	6.2
%RSD	.12095	.34870	.60062	3.6389	.16832

#1	5208.3	57239.	7737.1	34.506	3653.3
#2	5209.7	57516.	7829.6	32.175	3658.4
#3	5219.8	57128.	7795.3	33.971	3665.6

Sample Name: K1785-02 Acquired: 3/12/2019 17:06:33 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SD3-0.0-0.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01485	-.05944	.93633	-.01864	-.01309	88.316	.76870
Stddev	.00234	.00200	.00516	.00099	.00063	.132	.00534
%RSD	15.778	3.3583	.55063	5.2890	4.8488	.14903	.69530

#1	.01215	-.05868	.94009	-.01776	-.01243	88.449	.76263
#2	.01641	-.06171	.93045	-.01971	-.01369	88.313	.77267
#3	.01598	-.05794	.93845	-.01844	-.01316	88.185	.77081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01176	.00721	16.845	.04568	.05649	.23730	141.86
Stddev	.00004	.00022	.192	.00021	.00006	.00058	1.47
%RSD	.35322	3.0554	1.1393	.46712	.10769	.24341	1.0347

#1	.01174	.00719	16.624	.04585	.05650	.23742	140.17
#2	.01181	.00701	16.970	.04576	.05642	.23667	142.86
#3	.01173	.00745	16.940	.04544	.05654	.23781	142.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5880	12.113	.06936	-.01436	.23609	.12448	1.4958
Stddev	.0009	.072	.00037	.00073	.00418	.00147	.0040
%RSD	.03334	.59756	.52723	5.0539	1.7689	1.1775	.26811

#1	2.5883	12.149	.06970	-.01520	.23147	.12617	1.5001
#2	2.5886	12.161	.06897	-.01390	.23722	.12375	1.4922
#3	2.5870	12.030	.06940	-.01399	.23959	.12352	1.4950

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3857	.00642	-.08388	4.7272	2.3618	.06133	2.3968
Stddev	.0057	.00029	.00348	.0520	.0059	.00038	.0096
%RSD	.10681	4.5695	4.1538	1.0990	.25006	.62600	.39925

#1	5.3912	.00641	-.08620	4.7693	2.3561	.06143	2.3878
#2	5.3862	.00612	-.08556	4.6692	2.3679	.06091	2.3956
#3	5.3798	.00671	-.07987	4.7431	2.3615	.06166	2.4069

Sample Name: K1785-02 Acquired: 3/12/2019 17:06:33 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SD3-0.0-0.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02072	8.010	-.03536	<.00000	F<.00000
Stddev	.00115	.041	.00170	.26991	3.2316
%RSD	5.5617	.5129	4.8134	6.2000	.33887

#1	.02106	8.011	-.03340	-4.6651	-950.27
#2	.01943	7.969	-.03648	-4.1950	-953.89
#3	.02166	8.051	-.03619	-4.2002	-956.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5547.3	60377.	8274.8	32.892	3625.0
Stddev	7.0	59.	76.4	.977	6.5
%RSD	.12668	.09775	.92367	2.9714	.17971

#1	5543.5	60358.	8362.6	32.840	3617.5
#2	5543.1	60331.	8222.7	33.894	3628.0
#3	5555.4	60444.	8239.2	31.941	3629.5

Sample Name: K1785-03 Acquired: 3/12/2019 17:11:02 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2019-03-05-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01365	-.04878	.93949	-.00806	-.01025	73.897	.70788
Stddev	.00297	.00143	.00827	.00147	.00155	.011	.00641
%RSD	21.770	2.9232	.88048	18.195	15.121	.01479	.90587

#1	.01494	-.05034	.93579	-.00933	-.00999	73.900	.70974
#2	.01025	-.04754	.93371	-.00646	-.00884	73.885	.70074
#3	.01576	-.04847	.94897	-.00839	-.01191	73.907	.71316

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01014	.00728	16.368	.04510	.04866	.21736	108.09
Stddev	.00011	.00005	.107	.00073	.00018	.00085	1.01
%RSD	1.1174	.65434	.65601	1.6101	.36404	.38930	.93616

#1	.01001	.00731	16.331	.04445	.04879	.21705	108.41
#2	.01019	.00723	16.283	.04588	.04846	.21672	106.96
#3	.01022	.00731	16.488	.04496	.04874	.21832	108.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1848	8.5099	.06540	-.01013	.17064	.11084	1.4079
Stddev	.0013	.0324	.00046	.00041	.00245	.00036	.0004
%RSD	.10759	.38125	.70557	4.0594	1.4345	.32349	.03223

#1	1.1839	8.5443	.06546	-.00998	.17303	.11047	1.4083
#2	1.1841	8.4798	.06491	-.01059	.16814	.11087	1.4074
#3	1.1862	8.5055	.06582	-.00980	.17076	.11119	1.4079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1407	.00726	-.04508	7.5208	2.4737	.04315	1.7542
Stddev	.0420	.00027	.00145	.0578	.0049	.00040	.0037
%RSD	1.0154	3.7591	3.2249	.76913	.19768	.92784	.21122

#1	4.1509	.00720	-.04670	7.4663	2.4696	.04324	1.7500
#2	4.0945	.00756	-.04467	7.5147	2.4724	.04350	1.7560
#3	4.1767	.00703	-.04388	7.5815	2.4791	.04271	1.7567

Sample Name: K1785-03 Acquired: 3/12/2019 17:11:02 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2019-03-05-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01208	6.625	.00879	<.00000	F<.00000
Stddev	.00113	.049	.00092	.15015	3.6170
%RSD	9.3132	.7345	10.482	2.9825	.50421

#1	.01266	6.606	.00863	-4.9249	-718.89
#2	.01280	6.588	.00977	-5.2055	-719.93
#3	.01078	6.680	.00795	-4.9725	-713.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5805.8	63347.	8550.4	33.031	3674.7
Stddev	11.4	52.	75.4	1.325	2.6
%RSD	.19557	.08236	.88195	4.0108	.06971

#1	5793.5	63343.	8540.6	32.421	3672.3
#2	5815.9	63401.	8630.3	32.121	3674.5
#3	5808.0	63297.	8480.4	34.551	3677.4

Sample Name: K1785-04 Acquired: 3/12/2019 17:15:24 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SD2-0.0-0.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05612	-.03242	2.8219	.01036	-.00701	57.395	.71422
Stddev	.00137	.00098	.0111	.00329	.00172	.703	.00228
%RSD	2.4380	3.0172	.39385	31.723	24.542	1.2244	.31873

#1	.05510	-.03353	2.8342	.01262	-.00894	56.762	.71570
#2	.05559	-.03169	2.8191	.01186	-.00564	57.270	.71535
#3	.05768	-.03205	2.8125	.00659	-.00644	58.151	.71159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01159	.01344	12.372	.03404	.03240	.27813	64.943
Stddev	.00009	.00029	.024	.00037	.00010	.00056	.561
%RSD	.77619	2.1234	.19148	1.0813	.32144	.20094	.86308

#1	.01162	.01315	12.367	.03379	.03229	.27759	65.230
#2	.01166	.01372	12.399	.03388	.03240	.27870	65.302
#3	.01149	.01346	12.352	.03446	.03250	.27810	64.298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47227	4.7462	.06178	-.00550	.30282	.06613	2.3326
Stddev	.00131	.0491	.00020	.00033	.00780	.00098	.0002
%RSD	.27831	1.0351	.32565	5.9229	2.5772	1.4847	.00694

#1	.47230	4.7037	.06181	-.00521	.29522	.06662	2.3327
#2	.47094	4.8000	.06157	-.00543	.31081	.06676	2.3328
#3	.47357	4.7348	.06197	-.00585	.30242	.06499	2.3325

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0758	.00420	-.02744	F 18.629	1.0867	.06368	.95155
Stddev	.0125	.00031	.00382	.088	.0164	.00067	.00281
%RSD	.60394	7.4580	13.910	.47109	1.5077	1.0575	.29556

#1	2.0816	.00454	-.02575	18.677	1.0975	.06355	.94850
#2	2.0843	.00413	-.02476	18.682	1.0946	.06441	.95211
#3	2.0614	.00393	-.03181	18.528	1.0678	.06309	.95404

Sample Name: K1785-04 Acquired: 3/12/2019 17:15:24 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SD2-0.0-0.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	6.483	.03838	<.00000	F<.00000
Stddev	.00103	.003	.00065	.37326	5.6763
%RSD	1768.9	.0512	1.6963	3.3767	1.1244

#1	-.00031	6.480	.03782	-11.164	-505.27
#2	.00108	6.481	.03824	-11.360	-510.27
#3	-.00094	6.486	.03909	-10.638	-498.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7159.0	78540.	10479.	33.156	3715.2
Stddev	15.5	378.	89.	1.987	5.4
%RSD	.21661	.48162	.85002	5.9942	.14459

#1	7146.3	78723.	10385.	31.760	3710.0
#2	7176.3	78792.	10488.	32.276	3720.8
#3	7154.5	78105.	10562.	35.431	3714.9

Sample Name: K1785-04DUP Acquired: 3/12/2019 17:19:42 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SD2-0.0-0.5D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05960	-.03641	2.9327	.01032	-.00615	54.818	.58173
Stddev	.00267	.00031	.0304	.00102	.00100	.045	.00491
%RSD	4.4777	.84242	1.0372	9.8983	16.194	.08211	.84397

#1	.05881	-.03606	2.8976	.01066	-.00627	54.865	.57621
#2	.06257	-.03662	2.9499	.01114	-.00708	54.775	.58337
#3	.05741	-.03655	2.9506	.00918	-.00510	54.813	.58560

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01096	.01238	12.347	.03629	.03342	.29442	58.365
Stddev	.00013	.00027	.092	.00011	.00025	.00138	.378
%RSD	1.1656	2.1846	.74469	.29157	.75155	.46830	.64727

#1	.01095	.01209	12.241	.03622	.03333	.29494	57.957
#2	.01109	.01263	12.410	.03623	.03370	.29547	58.702
#3	.01084	.01241	12.389	.03641	.03322	.29286	58.435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54273	4.8279	.06379	-.00516	.32938	.06620	2.1303
Stddev	.00061	.0194	.00041	.00008	.00198	.00016	.0181
%RSD	.11300	.40235	.63528	1.6187	.60018	.24322	.85170

#1	.54338	4.8084	.06343	-.00513	.32764	.06612	2.1094
#2	.54216	4.8279	.06423	-.00526	.32898	.06610	2.1418
#3	.54265	4.8472	.06373	-.00510	.33153	.06639	2.1398

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0315	.00398	-.01749	F 19.368	1.8939	.06294	1.0418
Stddev	.0059	.00006	.00383	.176	.0180	.00060	.0086
%RSD	.28944	1.5983	21.869	.91043	.95179	.95353	.82361

#1	2.0304	.00402	-.01864	19.176	1.8732	.06255	1.0362
#2	2.0262	.00391	-.01322	19.522	1.9067	.06363	1.0376
#3	2.0378	.00401	-.02061	19.406	1.9017	.06263	1.0517

Sample Name: K1785-04DUP Acquired: 3/12/2019 17:19:42 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SD2-0.0-0.5D Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00057	6.440	.04836	<.00000	F<.00000
Stddev	.00150	.056	.00071	.30642	3.2885
%RSD	262.37	.8671	1.4691	2.7592	.72559
#1	-.00053	6.383	.04814	-10.795	-450.11
#2	.00228	6.495	.04778	-11.113	-452.86
#3	-.00003	6.441	.04915	-11.408	-456.66
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7279.0	79917.	10691.	33.147	3736.1
Stddev	16.8	461.	69.	.195	33.3
%RSD	.23053	.57720	.64316	.58763	.89136
#1	7274.6	79551.	10756.	32.971	3773.8
#2	7264.9	79764.	10619.	33.356	3710.6
#3	7297.5	80435.	10699.	33.114	3724.0

Sample Name: CCV06 Acquired: 3/12/2019 17:23:55 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14664 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3838	5.1244	5.2194	5.3346	5.4601	10.553	9.7415
Stddev	.0146	.0283	.0241	.0243	.0140	.019	.0478
%RSD	.27112	.55129	.46185	.45606	.25715	.17691	.49122

#1	5.3674	5.0918	5.1916	5.3083	5.4453	10.532	9.7857
#2	5.3952	5.1416	5.2342	5.3395	5.4732	10.559	9.6907
#3	5.3889	5.1399	5.2325	5.3562	5.4619	10.568	9.7480

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26110	2.5050	24.268	1.0378	2.6180	1.2909	4.7912
Stddev	.00054	.0132	.021	.0049	.0116	.0017	.0309
%RSD	.20767	.52585	.08511	.47071	.44366	.13329	.64561

#1	.26047	2.4899	24.245	1.0374	2.6048	1.2895	4.8095
#2	.26146	2.5111	24.273	1.0330	2.6224	1.2928	4.7555
#3	.26135	2.5140	24.285	1.0428	2.6268	1.2905	4.8086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6053	23.902	2.4507	1.3557	23.818	2.3459	2.6846
Stddev	.0016	.157	.0104	.0057	.150	.0029	.0145
%RSD	.06129	.65716	.42420	.41834	.62838	.12528	.53914

#1	2.6047	23.793	2.4387	1.3565	23.963	2.3446	2.6679
#2	2.6041	23.831	2.4556	1.3496	23.664	2.3492	2.6936
#3	2.6071	24.082	2.4576	1.3609	23.827	2.3437	2.6922

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.467	4.9614	4.5585	5.0541	4.8525	4.6666	5.1381
Stddev	.161	.0120	.0091	.0147	.0308	.0254	.0177
%RSD	.63408	.24195	.19983	.29108	.63481	.54446	.34389

#1	25.629	4.9478	4.5480	5.0558	4.8699	4.6376	5.1476
#2	25.306	4.9657	4.5625	5.0386	4.8170	4.6772	5.1177
#3	25.467	4.9706	4.5648	5.0679	4.8708	4.6849	5.1489

Sample Name: CCV06 Acquired: 3/12/2019 17:23:55 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14664 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6739	5.055	5.1409	4.9878	F<.00000
Stddev	.0274	.017	.0215	.1199	2.8971
%RSD	.58723	.3378	.41812	2.4030	685.61
#1	4.7014	5.040	5.1603	4.9845	-.41716
#2	4.6465	5.052	5.1178	4.8697	2.4719
#3	4.6737	5.073	5.1445	5.1093	-3.3224
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.7	39923.	5440.4	30.948	3598.3
Stddev	5.8	38.	23.5	1.049	17.9
%RSD	.15614	.09394	.43258	3.3892	.49657
#1	3702.9	39908.	5425.1	32.156	3618.8
#2	3691.6	39966.	5467.5	30.269	3585.8
#3	3695.4	39895.	5428.7	30.419	3590.4

Sample Name: CCB06 Acquired: 3/12/2019 17:33:29 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14664 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00077	-.00240	.00004	-.00207	-.01179	.00939
Stddev	.00113	.00211	.00091	.00445	.00049	.00541	.00155
%RSD	389.64	273.26	37.856	10775.	23.629	45.844	16.489

#1	.00001	.00140	-.00299	.00137	-.00159	-.01238	.00772
#2	.00066	-.00091	-.00136	.00367	-.00205	-.00612	.00967
#3	-.00154	-.00280	-.00286	-.00492	-.00256	-.01689	.01078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00001	-.00351	.00008	.00005	-.00071	-.00331
Stddev	.00005	.00005	.00615	.00053	.00016	.00053	.00117
%RSD	580.45	386.59	175.22	678.43	347.25	75.315	35.411

#1	-.00000	.00007	-.00135	.00068	-.00014	-.00096	-.00345
#2	-.00003	-.00004	-.01044	-.00012	.00014	-.00010	-.00208
#3	.00006	.00001	.00127	-.00032	.00014	-.00107	-.00441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00863	.00091	.00115	-.32579	-.00045	-.00058
Stddev	.00005	.05379	.00027	.00006	.00493	.00018	.00006
%RSD	257.13	623.35	29.219	5.0573	1.5136	39.225	9.8913

#1	-.00001	-.05149	.00107	.00121	-.32786	-.00024	-.00063
#2	-.00007	.05222	.00060	.00109	-.32016	-.00054	-.00059
#3	.00003	.02516	.00106	.00115	-.32934	-.00055	-.00052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05122	.00036	-.00354	F -.01228	.00653	-.00286	-.00055
Stddev	.01787	.00025	.00497	.00284	.00098	.00012	.00093
%RSD	34.890	70.678	140.48	23.131	15.053	4.2168	168.93

#1	.03150	.00030	-.00528	-.01545	.00705	-.00292	-.00135
#2	.05582	.00014	-.00741	-.00996	.00715	-.00295	-.00076
#3	.06634	.00064	.00207	-.01145	.00540	-.00272	.00047

Sample Name: CCB06 Acquired: 3/12/2019 17:33:29 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14664 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01609	-.0054	.00007	F 3.8859	F<.00000
Stddev	.00372	.0007	.00002	.0557	.75023
%RSD	23.136	11.96	27.495	1.4338	36.827

#1	-.01517	-.0054	.00005	3.9497	-2.1865
#2	-.02018	-.0048	.00009	3.8612	-1.2236
#3	-.01291	-.0061	.00007	3.8468	-2.7016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3819.9	41953.	5544.5	32.673	3982.8
Stddev	10.6	26.	39.5	.920	13.9
%RSD	.27656	.06100	.71244	2.8152	.35008

#1	3810.5	41927.	5505.6	31.770	3967.8
#2	3831.3	41954.	5543.4	32.639	3995.3
#3	3817.8	41979.	5584.6	33.609	3985.4

Sample Name: K1785-04LX5 Acquired: 3/12/2019 17:37:58 Type: Unk
Method: P4-ICP2(v2936) 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	.02062	-.00831	.59113	.00487	-.00371	18.119	.16988
Stddev	.00173	.00171	.00171	.00182	.00077	.108	.00212
%RSD	8.3983	20.615	.28989	37.361	20.644	.59552	1.2488

#1	.02039	-.00815	.59274	.00696	-.00289	18.021	.16859
#2	.02246	-.01010	.59131	.00397	-.00381	18.234	.16873
#3	.01902	-.00668	.58933	.00367	-.00441	18.100	.17233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	.00147	4.0729	.01119	.00651	.09743	21.782
Stddev	.00008	.00001	.0140	.00024	.00016	.00060	.114
%RSD	2.1224	.97415	.34251	2.1192	2.4240	.61648	.52371

#1	.00360	.00146	4.0622	.01105	.00664	.09709	21.800
#2	.00347	.00149	4.0887	.01146	.00633	.09813	21.660
#3	.00360	.00146	4.0678	.01105	.00655	.09708	21.886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17046	1.5678	.01316	-.00109	-.11853	.02095	.44977
Stddev	.00049	.0223	.00028	.00043	.00988	.00011	.00029
%RSD	.28505	1.4228	2.1568	39.521	8.3350	.54606	.06362

#1	.17069	1.5776	.01345	-.00083	-.11192	.02091	.44969
#2	.17078	1.5835	.01314	-.00158	-.11378	.02108	.44953
#3	.16990	1.5422	.01289	-.00084	-.12989	.02086	.45009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67305	.00147	-.01455	3.7115	.50449	.00922	.32012
Stddev	.02154	.00016	.00057	.0045	.00489	.00024	.00229
%RSD	3.2006	10.733	3.9394	.12160	.97017	2.6100	.71521

#1	.69637	.00139	-.01447	3.7090	.49885	.00895	.31878
#2	.66889	.00137	-.01517	3.7167	.50700	.00940	.31882
#3	.65390	.00165	-.01403	3.7088	.50762	.00932	.32277

Sample Name: K1785-04LX5 Acquired: 3/12/2019 17:37:58 Type: Unk
Method: P4-ICP2(v2936) 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	-.01185	1.269	.01211	1.0102	F<.00000
Stddev	.00040	.002	.00023	.0266	1.1878
%RSD	3.3488	.1401	1.9096	2.6312	1.2285

#1	-.01214	1.271	.01210	1.0371	-97.604
#2	-.01202	1.269	.01235	.98394	-95.347
#3	-.01140	1.268	.01189	1.0095	-97.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4532.8	49661.	6633.2	32.570	3922.5
Stddev	.5	171.	31.3	1.364	7.1
%RSD	.01019	.34399	.47232	4.1880	.18175

#1	4533.3	49622.	6608.7	33.786	3914.6
#2	4532.4	49513.	6668.5	31.095	3924.3
#3	4532.8	49848.	6622.4	32.830	3928.5

Sample Name: K1785-11 Acquired: 3/12/2019 17:42:17 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1785-04MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50736	2.0547	3.8403	1.1246	.16641	66.011	.66120
Stddev	.00314	.0044	.0018	.0062	.00115	.266	.00340
%RSD	.61807	.21354	.04678	.54944	.69165	.40263	.51480

#1	.50555	2.0556	3.8416	1.1250	.16643	65.918	.65802
#2	.50555	2.0499	3.8410	1.1182	.16526	65.804	.66079
#3	.51098	2.0585	3.8382	1.1306	.16756	66.311	.66479

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12072	.21326	12.396	.25657	.25209	.44551	62.512
Stddev	.00070	.00061	.028	.00089	.00020	.00108	.334
%RSD	.57865	.28504	.22360	.34776	.08028	.24270	.53381

#1	.12073	.21319	12.365	.25655	.25195	.44508	62.889
#2	.12001	.21269	12.405	.25569	.25200	.44471	62.256
#3	.12141	.21390	12.418	.25748	.25232	.44674	62.390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60055	5.9046	.56995	.03584	1.7406	.21364	2.2370
Stddev	.00080	.0381	.00137	.00014	.0158	.00060	.0023
%RSD	.13271	.64545	.24019	.40217	.90867	.27908	.10433

#1	.60111	5.8615	.57135	.03568	1.7421	.21369	2.2380
#2	.59964	5.9186	.56862	.03591	1.7241	.21301	2.2343
#3	.60091	5.9337	.56987	.03594	1.7557	.21420	2.2386

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0777	.20914	.09921	F 18.529	1.4943	.65174	1.2007
Stddev	.0426	.00062	.00562	.038	.0094	.00341	.0066
%RSD	.60174	.29830	5.6620	.20642	.62548	.52287	.54967

#1	7.1006	.20869	.09778	18.569	1.5048	.64969	1.1974
#2	7.0286	.20888	.10540	18.492	1.4871	.64985	1.1964
#3	7.1040	.20985	.09444	18.527	1.4909	.65567	1.2083

Sample Name: K1785-11 Acquired: 3/12/2019 17:42:17 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K1785-04MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10338	F 11.93	.14262	<.00000	F<.00000
Stddev	.00211	.02	.00018	.10008	3.6070
%RSD	2.0380	.1816	.12900	1.0816	.72590

#1	.10313	11.94	.14241	-9.1607	-496.84
#2	.10141	11.91	.14267	-9.3594	-500.52
#3	.10560	11.95	.14277	-9.2389	-493.31

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7080.6	77347.	10432.	32.125	3641.8
Stddev	4.2	214.	47.	.436	2.5
%RSD	.05981	.27613	.45455	1.3573	.06847

#1	7078.2	77141.	10377.	31.896	3639.1
#2	7078.1	77567.	10464.	31.851	3642.2
#3	7085.5	77334.	10454.	32.628	3644.0

Sample Name: K1785-12 Acquired: 3/12/2019 17:46:27 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1785-04MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50894	2.0583	3.8208	1.1268	.16646	65.516	.65649
Stddev	.00154	.0111	.0078	.0027	.00114	.632	.00416
%RSD	.30178	.53978	.20306	.24180	.68549	.96534	.63370

#1	.51053	2.0694	3.8201	1.1279	.16609	64.851	.65193
#2	.50746	2.0582	3.8288	1.1237	.16556	66.109	.66009
#3	.50884	2.0472	3.8134	1.1288	.16775	65.587	.65744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12060	.21304	12.285	.25527	.25144	.44581	61.879
Stddev	.00016	.00122	.099	.00076	.00142	.00121	.218
%RSD	.13128	.57212	.80461	.29607	.56324	.27128	.35187

#1	.12057	.21443	12.191	.25554	.25308	.44719	61.918
#2	.12077	.21249	12.388	.25585	.25073	.44495	61.644
#3	.12046	.21219	12.277	.25442	.25052	.44528	62.074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59873	5.8658	.56849	.03537	1.7116	.21237	2.2352
Stddev	.00058	.0517	.00297	.00009	.0072	.00078	.0046
%RSD	.09710	.88165	.52155	.25522	.42027	.36657	.20434

#1	.59853	5.8201	.57167	.03540	1.7061	.21314	2.2379
#2	.59938	5.8553	.56801	.03544	1.7197	.21240	2.2377
#3	.59827	5.9219	.56580	.03527	1.7089	.21158	2.2299

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0367	.20806	.09962	F 18.517	1.4610	.65128	1.1828
Stddev	.0484	.00075	.00368	.060	.0080	.00460	.0038
%RSD	.68731	.36007	3.6921	.32505	.55123	.70667	.32366

#1	7.0279	.20891	.10202	18.584	1.4694	.65635	1.1792
#2	6.9934	.20777	.09539	18.467	1.4533	.64735	1.1825
#3	7.0889	.20750	.10146	18.500	1.4604	.65015	1.1868

Sample Name: K1785-12 Acquired: 3/12/2019 17:46:27 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K1785-04MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10276	F 11.89	.14236	<.00000	F<.00000
Stddev	.00121	.03	.00092	.18765	3.6562
%RSD	1.1759	.2836	.64867	1.9638	.73792
#1	.10165	11.91	.14147	-9.6987	-493.47
#2	.10257	11.91	.14331	-9.3431	-493.25
#3	.10405	11.85	.14230	-9.6247	-499.69
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7058.7	77824.	10499.	31.968	3642.0
Stddev	11.3	388.	12.	1.000	5.5
%RSD	.15949	.49908	.11346	3.1267	.15097
#1	7071.6	78164.	10513.	31.508	3641.3
#2	7053.2	77401.	10496.	33.114	3636.9
#3	7051.2	77906.	10490.	31.281	3647.8

Sample Name: K1785-04A Acquired: 3/12/2019 17:50:36 Type: Unk
Method: P4-ICP2(v2936) 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	.50421	2.0500	3.8267	1.1166	.16648	65.873	.65925
Stddev	.00318	.0115	.0069	.0029	.00134	.076	.00379
%RSD	.63072	.56209	.17908	.26336	.80244	.11583	.57550

#1	.50781	2.0384	3.8191	1.1143	.16498	65.795	.65792
#2	.50179	2.0503	3.8324	1.1199	.16754	65.875	.66353
#3	.50302	2.0614	3.8288	1.1155	.16692	65.948	.65630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12058	.21230	12.353	.25602	.25093	.44324	62.389
Stddev	.00071	.00091	.036	.00080	.00042	.00038	.109
%RSD	.58949	.42773	.28772	.31056	.16579	.08499	.17494

#1	.12057	.21131	12.351	.25511	.25046	.44280	62.349
#2	.12130	.21250	12.319	.25632	.25110	.44347	62.513
#3	.11988	.21309	12.390	.25661	.25124	.44344	62.306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60144	5.8996	.56803	.03600	1.7137	.21389	2.2314
Stddev	.00050	.0128	.00075	.00046	.0076	.00133	.0028
%RSD	.08257	.21755	.13184	1.2776	.44163	.62032	.12552

#1	.60189	5.9142	.56719	.03645	1.7078	.21336	2.2285
#2	.60091	5.8901	.56861	.03553	1.7222	.21539	2.2317
#3	.60153	5.8946	.56830	.03601	1.7109	.21290	2.2341

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0353	.20855	.10087	F 18.437	1.4961	.64917	1.1930
Stddev	.0264	.00103	.00277	.045	.0059	.00278	.0096
%RSD	.37587	.49168	2.7505	.24398	.39325	.42844	.80400

#1	7.0495	.20737	.09928	18.386	1.5026	.64602	1.1827
#2	7.0516	.20928	.10407	18.454	1.4945	.65021	1.2017
#3	7.0048	.20898	.09924	18.470	1.4911	.65128	1.1946

Sample Name: K1785-04A Acquired: 3/12/2019 17:50:36 Type: Unk
Method: P4-ICP2(v2936) 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	.10358	F 11.90	.14273	<.00000	F<.00000
Stddev	.00041	.03	.00045	.06625	3.6711
%RSD	.39277	.2486	.31340	.71004	.73675
#1	.10311	11.86	.14225	-9.3866	-495.33
#2	.10386	11.92	.14279	-9.3482	-497.13
#3	.10376	11.91	.14314	-9.2576	-502.39
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7086.5	77332.	10451.	32.823	3648.7
Stddev	8.7	123.	41.	.078	4.7
%RSD	.12209	.15947	.39089	.23744	.12779
#1	7087.5	77204.	10423.	32.817	3651.1
#2	7094.5	77342.	10432.	32.903	3651.7
#3	7077.3	77450.	10498.	32.747	3643.3

Sample Name: K1785-07 Acquired: 3/12/2019 17:54:45 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SD1-0.0-0.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03778	-.05176	4.7008	-.02487	-.00971	79.019	1.0819
Stddev	.00276	.00062	.0103	.00185	.00204	.171	.0079
%RSD	7.2961	1.2008	.21946	7.4306	20.983	.21622	.72939

#1	.03622	-.05248	4.6949	-.02285	-.00828	78.896	1.0910
#2	.04096	-.05132	4.6949	-.02647	-.00881	78.947	1.0773
#3	.03616	-.05149	4.7127	-.02530	-.01204	79.214	1.0773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00768	.01186	146.28	.07542	.08057	.44986	121.80
Stddev	.00006	.00034	.22	.00102	.00036	.00188	.60
%RSD	.73370	2.8317	.14756	1.3568	.44817	.41737	.49308

#1	.00769	.01149	146.37	.07426	.08098	.45124	122.48
#2	.00762	.01197	146.04	.07584	.08027	.44772	121.36
#3	.00773	.01213	146.44	.07617	.08047	.45061	121.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0575	39.100	.11657	-.01065	.45278	.19047	2.5697
Stddev	.0185	.059	.00012	.00044	.00488	.00192	.0029
%RSD	.45652	.15025	.10265	4.1233	1.0770	1.0068	.11325

#1	4.0567	39.132	.11659	-.01040	.45321	.18879	2.5696
#2	4.0394	39.032	.11669	-.01040	.45742	.19007	2.5669
#3	4.0765	39.136	.11645	-.01116	.44770	.19256	2.5727

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5109	.00508	-.03821	F 11.833	2.0203	.03001	2.1535
Stddev	.0495	.00024	.00792	.047	.0201	.00157	.0054
%RSD	.65839	4.7215	20.739	.39324	.99639	5.2266	.24907

#1	7.5680	.00503	-.03229	11.861	1.9998	.03114	2.1538
#2	7.4806	.00486	-.03513	11.779	2.0211	.03066	2.1480
#3	7.4842	.00534	-.04721	11.859	2.0400	.02822	2.1588

Sample Name: K1785-07 Acquired: 3/12/2019 17:54:45 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SD1-0.0-0.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06332	F 12.04	.33016	<.00000	F<.00000
Stddev	.00093	.01	.00098	.23031	12.335
%RSD	1.4716	.0592	.29717	9.9442	1.5539
#1	.06419	12.04	.33045	-2.0961	-784.96
#2	.06234	12.04	.32907	-2.2966	-807.89
#3	.06342	12.05	.33097	-2.5555	-788.55
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5090.0	55779.	7889.7	31.398	3423.1
Stddev	14.7	39.	31.8	.914	4.9
%RSD	.28794	.06950	.40302	2.9124	.14225
#1	5078.5	55734.	7853.5	32.217	3417.7
#2	5085.0	55804.	7902.4	31.566	3424.5
#3	5106.5	55798.	7913.2	30.411	3427.1

Sample Name: K1822-02 Acquired: 3/12/2019 17:59:12 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 3-8-BOD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00905	-.03044	-.00944	-.01088	-.00993	18.414	.09475
Stddev	.00162	.00111	.00076	.00161	.00116	.007	.00176
%RSD	17.919	3.6557	8.0488	14.753	11.670	.04067	1.8619

#1	.00756	-.03083	-.00945	-.01107	-.00874	18.423	.09412
#2	.01078	-.03132	-.00868	-.01239	-.00999	18.410	.09674
#3	.00881	-.02919	-.01019	-.00919	-.01105	18.410	.09338

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00109	53.259	-.00348	.03432	.04355	73.442
Stddev	.00009	.00015	.372	.00023	.00022	.00053	.580
%RSD	6.1263	13.963	.69828	6.6721	.64433	1.2222	.78999

#1	.00145	-.00094	52.848	-.00373	.03458	.04373	72.830
#2	.00160	-.00110	53.358	-.00346	.03423	.04396	73.984
#3	.00144	-.00124	53.572	-.00326	.03416	.04295	73.513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67042	12.744	-.00384	-.00712	1.1499	.00618	.11336
Stddev	.00040	.026	.00046	.00045	.0118	.00092	.00102
%RSD	.05976	.20270	12.026	6.2818	1.0227	14.818	.90379

#1	.67015	12.761	-.00419	-.00696	1.1605	.00545	.11418
#2	.67023	12.714	-.00401	-.00677	1.1521	.00588	.11369
#3	.67088	12.757	-.00332	-.00763	1.1372	.00721	.11221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.552	.00240	-.03105	3.8829	.63884	-.00115	1.5330
Stddev	.121	.00045	.00317	.0109	.00840	.00058	.0060
%RSD	1.1435	18.698	10.208	.28169	1.3144	50.485	.39342

#1	10.414	.00202	-.03208	3.8754	.63518	-.00140	1.5274
#2	10.634	.00289	-.02749	3.8955	.63290	-.00048	1.5394
#3	10.609	.00228	-.03357	3.8778	.64844	-.00156	1.5322

Sample Name: K1822-02 Acquired: 3/12/2019 17:59:12 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 3-8-BOD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00226	F 25.44	-.00349	<.00000	F<.00000
Stddev	.00064	.00	.00065	.21969	2.6672
%RSD	28.141	.0137	18.610	356.77	.70951

#1	.00213	25.45	-.00283	-.02634	-377.49
#2	.00296	25.44	-.00413	.13836	-372.83
#3	.00171	25.44	-.00350	-.29676	-377.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4736.3	51931.	7148.5	33.174	3696.4
Stddev	9.5	27.	43.9	1.105	7.8
%RSD	.20046	.05160	.61425	3.3304	.21147

#1	4726.7	51952.	7193.3	34.449	3688.4
#2	4736.6	51901.	7105.5	32.562	3696.6
#3	4745.6	51940.	7146.8	32.511	3704.1

Sample Name: K1823-01 Acquired: 3/12/2019 18:03:30 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STOCK-PILE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28548	-.02932	.72925	-.01230	.00417	36.723	.73674
Stddev	.00067	.00083	.00913	.00280	.00099	.288	.00894
%RSD	.23549	2.8348	1.2516	22.771	23.729	.78427	1.2136

#1	.28610	-.02948	.73358	-.01180	.00368	36.399	.72697
#2	.28556	-.02843	.71877	-.00979	.00353	36.952	.73875
#3	.28477	-.03007	.73541	-.01532	.00531	36.817	.74451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	.00682	138.65	.40354	.03926	.72099	100.46
Stddev	.00017	.00013	1.37	.00030	.00037	.00184	.58
%RSD	6.0199	1.8615	.99013	.07363	.95151	.25467	.58155

#1	.00291	.00687	137.37	.40341	.03916	.71945	100.01
#2	.00297	.00668	138.49	.40333	.03895	.72050	100.24
#3	.00265	.00691	140.10	.40388	.03968	.72302	101.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6688	27.907	.10598	-.00502	4.2315	.10734	1.8310
Stddev	.0049	.185	.00140	.00019	.0388	.00034	.0198
%RSD	.10562	.66147	1.3240	3.6982	.91711	.32049	1.0834

#1	4.6644	27.761	.10667	-.00509	4.1872	.10694	1.8448
#2	4.6680	27.844	.10437	-.00481	4.2481	.10751	1.8083
#3	4.6741	28.114	.10692	-.00516	4.2593	.10756	1.8400

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.031	.00954	.13384	F 14.986	1.1258	.02614	1.4078
Stddev	.279	.00033	.00455	.227	.0092	.00098	.0092
%RSD	.82049	3.4303	3.3968	1.5135	.81421	3.7316	.65381

#1	33.820	.00987	.13028	15.113	1.1270	.02541	1.3981
#2	33.925	.00955	.13896	14.724	1.1160	.02577	1.4089
#3	34.347	.00921	.13227	15.121	1.1342	.02725	1.4164

Sample Name: K1823-01 Acquired: 3/12/2019 18:03:30 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STOCK-PILE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04016	F 11.66	.61165	3.5516	F<.00000
Stddev	.00090	.11	.00580	.0586	3.6576
%RSD	2.2406	.9112	.94841	1.6504	.81585

#1	.03924	11.74	.60567	3.4839	-452.42
#2	.04103	11.54	.61201	3.5851	-445.39
#3	.04022	11.71	.61726	3.5858	-447.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.8	42259.	5973.1	30.741	3550.6
Stddev	9.9	63.	32.1	.457	44.3
%RSD	.25866	.14950	.53709	1.4881	1.2480

#1	3832.9	42327.	5996.5	30.478	3518.2
#2	3850.3	42201.	5986.3	31.269	3601.1
#3	3833.2	42250.	5936.6	30.474	3532.5

Sample Name: K1835-03 Acquired: 3/12/2019 18:07:41 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00710	-.06594	.14888	-.07520	-.01620	165.24	.88395
Stddev	.00104	.00184	.00341	.00418	.00130	.74	.00254
%RSD	14.659	2.7909	2.2887	5.5630	8.0392	.44682	.28756

#1	-.00632	-.06390	.15178	-.07037	-.01655	164.40	.88141
#2	-.00828	-.06643	.14974	-.07759	-.01476	165.80	.88650
#3	-.00670	-.06748	.14513	-.07764	-.01729	165.51	.88395

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01432	.00420	20.000	.21737	.20258	.31979	227.17
Stddev	.00040	.00008	.116	.00069	.00033	.00067	.60
%RSD	2.7992	1.7950	.57750	.31938	.16125	.20877	.26304

#1	.01477	.00415	19.867	.21658	.20296	.31975	227.13
#2	.01419	.00428	20.077	.21789	.20239	.31915	226.59
#3	.01400	.00416	20.056	.21764	.20239	.32048	227.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9288	74.013	.37602	-.02308	3.0944	.28054	.98647
Stddev	.0731	.283	.00094	.00071	.0106	.00096	.00082
%RSD	.73569	.38199	.24876	3.0909	.34175	.34354	.08277

#1	9.8475	73.759	.37661	-.02315	3.0920	.28136	.98700
#2	9.9891	74.317	.37495	-.02376	3.1059	.27948	.98688
#3	9.9496	73.961	.37652	-.02234	3.0852	.28077	.98553

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.682	.00053	-.10142	.23982	1.5246	.01373	3.0488
Stddev	.032	.00014	.00513	.00990	.0115	.00054	.0104
%RSD	.13957	25.493	5.0571	4.1285	.75562	3.9135	.34098

#1	22.650	.00069	-.09584	.24305	1.5278	.01414	3.0369
#2	22.713	.00042	-.10252	.24770	1.5342	.01312	3.0536
#3	22.684	.00049	-.10592	.22871	1.5118	.01393	3.0559

Sample Name: K1835-03 Acquired: 3/12/2019 18:07:41 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39877	4.622	-.05701	<.00000	F<.00000
Stddev	.00207	.015	.00120	.12553	4.6832
%RSD	.52012	.3298	2.0977	18.770	.32253
#1	.40011	4.638	-.05775	-.80032	-1449.5
#2	.39638	4.608	-.05563	-.55027	-1457.5
#3	.39983	4.619	-.05764	-.65576	-1449.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4497.3	48886.	6903.9	32.341	3404.5
Stddev	6.2	54.	7.4	1.105	1.5
%RSD	.13703	.11003	.10718	3.4155	.04423
#1	4500.8	48946.	6910.6	33.289	3405.0
#2	4500.8	48870.	6895.9	32.605	3402.8
#3	4490.1	48842.	6905.3	31.128	3405.7

Sample Name: K1824-01 Acquired: 3/12/2019 18:12:15 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15305	-.05174	.17903	-.16660	-.02465	369.76	.83256
Stddev	.00377	.00107	.00273	.00323	.00322	1.06	.00280
%RSD	2.4602	2.0723	1.5258	1.9398	13.042	.28575	.33608

#1	.14890	-.05149	.17590	-.16908	-.02528	368.91	.83554
#2	.15625	-.05292	.18033	-.16778	-.02751	370.94	.83217
#3	.15400	-.05082	.18088	-.16295	-.02117	369.44	.82998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01989	.00546	11.479	.43093	.12368	.21378	371.10
Stddev	.00024	.00036	.023	.00043	.00024	.00121	1.30
%RSD	1.1980	6.5767	.19812	.10023	.19094	.56410	.34948

#1	.01979	.00511	11.456	.43093	.12356	.21263	370.56
#2	.02016	.00543	11.502	.43050	.12395	.21504	372.58
#3	.01971	.00583	11.480	.43136	.12353	.21367	370.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1295	35.203	.21543	-.04902	-.02036	.71771	.75443
Stddev	.0048	.079	.00179	.00033	.00903	.00192	.00212
%RSD	.15476	.22446	.82989	.67501	44.365	.26770	.28077

#1	3.1281	35.249	.21353	-.04904	-.03079	.71992	.75198
#2	3.1348	35.247	.21568	-.04868	-.01548	.71677	.75564
#3	3.1254	35.111	.21708	-.04934	-.01482	.71643	.75566

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.946	.00966	-.36075	1.4548	2.8999	.02403	2.6005
Stddev	.023	.00010	.00685	.0128	.0129	.00130	.0037
%RSD	.19395	1.0302	1.8990	.88030	.44534	5.4174	.14081

#1	11.972	.00961	-.35458	1.4457	2.9052	.02553	2.5963
#2	11.928	.00977	-.35955	1.4695	2.9093	.02334	2.6017
#3	11.938	.00959	-.36813	1.4493	2.8852	.02321	2.6033

Sample Name: K1824-01 Acquired: 3/12/2019 18:12:15 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-24 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22268	6.466	-.32721	.87578	F<.00000
Stddev	.00305	.033	.00149	.14662	13.153
%RSD	1.3707	.5020	.45421	16.742	.53101

#1	.22131	6.428	-.32671	.71161	-2482.3
#2	.22617	6.481	-.32889	.99371	-2462.1
#3	.22054	6.488	-.32605	.92202	-2486.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.3	42539.	6158.0	33.135	3384.0
Stddev	3.3	112.	18.3	1.797	8.5
%RSD	.08196	.26259	.29641	5.4249	.25132

#1	4006.7	42631.	6160.7	33.302	3392.9
#2	4012.1	42415.	6138.5	31.260	3383.3
#3	4006.2	42573.	6174.7	34.843	3375.9

Sample Name: K1824-03 Acquired: 3/12/2019 18:16:40 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13197	-.05545	.16614	-.18494	-.02740	500.01	.86564
Stddev	.00236	.00243	.00080	.00432	.00237	1.80	.01319
%RSD	1.7902	4.3784	.48438	2.3368	8.6584	.36073	1.5237

#1	.13008	-.05690	.16613	-.18395	-.02743	498.69	.86963
#2	.13462	-.05265	.16534	-.18119	-.02502	499.29	.87637
#3	.13120	-.05681	.16695	-.18967	-.02976	502.07	.85091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02354	.00647	4.6531	.38391	.24657	.24673	377.08
Stddev	.00024	.00048	.0248	.00224	.00031	.00244	4.42
%RSD	1.0202	7.4123	.53293	.58309	.12407	.99044	1.1723

#1	.02381	.00606	4.6814	.38132	.24678	.24493	380.36
#2	.02348	.00635	4.6351	.38517	.24622	.24575	378.82
#3	.02334	.00700	4.6428	.38523	.24672	.24951	372.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3102	12.159	.27026	-.05236	-.10588	.71373	.41651
Stddev	.0046	.086	.00163	.00074	.00610	.00334	.00279
%RSD	.13880	.70787	.60387	1.4045	5.7611	.46859	.67066

#1	3.3055	12.224	.26841	-.05162	-.09985	.71183	.41442
#2	3.3105	12.192	.27092	-.05236	-.10573	.71759	.41543
#3	3.3147	12.062	.27147	-.05309	-.11205	.71177	.41968

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4276	.00367	-.37909	2.8203	2.5492	.02659	2.6295
Stddev	.0458	.00031	.01600	.0159	.0365	.00176	.0097
%RSD	.54372	8.5142	4.2202	.56452	1.4305	6.6110	.36940

#1	8.3984	.00339	-.36257	2.8068	2.5679	.02759	2.6190
#2	8.4804	.00361	-.39451	2.8378	2.5725	.02456	2.6382
#3	8.4040	.00400	-.38021	2.8161	2.5071	.02762	2.6312

Sample Name: K1824-03 Acquired: 3/12/2019 18:16:40 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-25 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08988	9.273	-.37894	.98667	F<.00000
Stddev	.00263	.101	.00500	.08239	9.6444
%RSD	2.9313	1.085	1.3185	8.3501	.37625
#1	.09147	9.208	-.38274	.99420	-2565.6
#2	.09132	9.223	-.38079	.90077	-2571.6
#3	.08684	9.389	-.37328	1.0650	-2552.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3999.9	42129.	6208.7	33.571	3369.4
Stddev	.9	45.	72.6	1.188	3.9
%RSD	.02237	.10679	1.1694	3.5400	.11559
#1	4000.3	42164.	6150.8	32.948	3373.7
#2	3998.9	42146.	6185.2	34.941	3366.1
#3	4000.6	42078.	6290.1	32.822	3368.3

Sample Name: CCV07 Acquired: 3/12/2019 18:21:08 Type: Unk
Method: P4-ICP2(v2936) 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	5.4508	5.1304	5.2744	5.3373	F 5.5001	10.528	9.5562	.26297
Stddev	.0098	.0047	.0124	.0079	.0138	.069	.0333	.00113
%RSD	.17989	.09127	.23537	.14874	.25034	.65368	.34834	.43018
#1	5.4453	5.1264	5.2799	5.3452	5.4872	10.454	9.5185	.26422
#2	5.4622	5.1292	5.2602	5.3373	5.5146	10.542	9.5816	.26270
#3	5.4450	5.1356	5.2831	5.3293	5.4984	10.589	9.5685	.26200
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5180	24.002	1.0417	2.6435	1.2894	4.8415	2.6237	23.871
Stddev	.0017	.181	.0028	.0042	.0013	.0223	.0027	.094
%RSD	.06669	.75411	.26887	.15943	.09732	.46026	.10181	.39514
#1	2.5199	23.835	1.0391	2.6448	1.2888	4.8160	2.6239	23.812
#2	2.5173	23.975	1.0447	2.6388	1.2908	4.8571	2.6210	23.980
#3	2.5168	24.194	1.0415	2.6469	1.2886	4.8514	2.6263	23.822
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4482	F 1.3763	24.437	2.4690	2.7163	26.334	4.9259	F 4.4883
Stddev	.0028	.0057	.075	.0052	.0007	.072	.0021	.0103
%RSD	.11301	.41222	.30510	.21052	.02441	.27477	.04234	.22835
#1	2.4497	1.3700	24.353	2.4655	2.7160	26.258	4.9238	4.4810
#2	2.4450	1.3781	24.463	2.4665	2.7157	26.403	4.9280	4.5000
#3	2.4500	1.3809	24.496	2.4750	2.7170	26.341	4.9258	4.4839
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0756	4.8523	4.6416	5.1252	4.6158	5.068	5.1008	5.3991
Stddev	.0232	.0130	.0079	.0168	.0193	.026	.0171	.0735
%RSD	.45754	.26703	.16947	.32774	.41762	.5067	.33602	1.3607
#1	5.0901	4.8378	4.6484	5.1060	4.5939	5.061	5.0819	5.4815
#2	5.0488	4.8560	4.6330	5.1323	4.6301	5.047	5.1154	5.3403
#3	5.0879	4.8629	4.6435	5.1372	4.6234	5.097	5.1051	5.3755

Sample Name: CCV07 Acquired: 3/12/2019 18:21:08 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .25999
 Stddev 1.6628
 %RSD 639.55

#1 .59077
 #2 -1.5433
 #3 1.7325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.6	39455.	5440.2	30.620	3573.3
Stddev	9.1	50.	4.2	.448	7.7
%RSD	.24905	.12556	.07775	1.4615	.21557

#1	3655.2	39498.	5439.2	30.953	3564.5
#2	3662.4	39467.	5436.5	30.796	3576.2
#3	3673.3	39401.	5444.8	30.111	3579.1

Sample Name: CCB07 Acquired: 3/12/2019 18:25:07 Type: Unk
Method: P4-ICP2(v2936) 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	-.00188	.00072	-.00037	-.00170	-.00132	.00129	-.00178
Stddev	.00179	.00148	.00082	.00300	.00117	.00891	.00281
%RSD	94.784	205.42	219.66	176.53	88.659	693.39	157.41

#1	.00008	.00076	-.00126	-.00470	-.00083	-.00051	.00028
#2	-.00340	-.00078	.00034	-.00169	-.00047	-.00659	-.00065
#3	-.00233	.00219	-.00019	.00129	-.00266	.01096	-.00498

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00005	-.00639	-.00001	.00002	-.00079	-.00406
Stddev	.00002	.00006	.01180	.00030	.00008	.00048	.00070
%RSD	32.754	117.55	184.69	5766.4	489.23	60.095	17.351

#1	.00005	-.00000	.00283	-.00030	-.00006	-.00036	-.00428
#2	.00004	-.00012	-.01969	-.00000	.00001	-.00130	-.00463
#3	.00007	-.00003	-.00231	.00029	.00010	-.00071	-.00327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00440	.00109	.00058	-.32543	-.00029	-.00051
Stddev	.00004	.02841	.00013	.00010	.00498	.00068	.00003
%RSD	157.14	645.61	11.627	16.591	1.5311	238.18	5.1874

#1	.00004	-.02825	.00121	.00049	-.32104	.00010	-.00048
#2	.00005	.02344	.00096	.00068	-.33085	.00011	-.00052
#3	-.00002	.01801	.00110	.00058	-.32441	-.00107	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10374	.00019	.00266	-.00858	.00558	-.00286	-.00027
Stddev	.01318	.00004	.00843	.01592	.00133	.00009	.00121
%RSD	12.704	18.725	317.14	185.60	23.868	3.1475	445.22

#1	.11856	.00023	.01142	-.00824	.00528	-.00281	-.00046
#2	.09935	.00017	.00194	-.02466	.00703	-.00280	-.00138
#3	.09332	.00017	-.00539	.00717	.00442	-.00296	.00102

Sample Name: CCB07 Acquired: 3/12/2019 18:25:07 Type: Unk
 Method: P4-ICP2(v2936) 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	F -.01737	-.0052	.00008	F 4.2999	F .17680
Stddev	.00044	.0013	.00003	.1394	1.0117
%RSD	2.5274	24.18	40.637	3.2417	572.24
#1	-.01696	-.0041	.00006	4.3380	-.83853
#2	-.01783	-.0049	.00007	4.4163	1.1848
#3	-.01731	-.0066	.00012	4.1454	.18409
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3815.1	41672.	5557.2	33.591	3992.9
Stddev	.8	113.	52.5	1.549	4.6
%RSD	.02215	.27208	.94438	4.6116	.11534
#1	3816.0	41701.	5511.1	34.405	3987.6
#2	3814.4	41547.	5546.3	31.805	3996.2
#3	3814.8	41768.	5614.3	34.564	3994.8

Sample Name: K1824-05 Acquired: 3/12/2019 18:29:36 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13548	-.04685	.15106	-.13620	-.02285	304.64	.54807
Stddev	.00234	.00072	.00165	.00561	.00283	1.49	.00546
%RSD	1.7263	1.5460	1.0948	4.1179	12.384	.49010	.99642

#1	.13293	-.04601	.14928	-.14231	-.01967	303.84	.54490
#2	.13599	-.04722	.15134	-.13128	-.02510	303.72	.55437
#3	.13752	-.04730	.15256	-.13502	-.02379	306.36	.54493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01703	.00191	6.0910	.36676	.10492	.20430	346.96
Stddev	.00013	.00047	.0534	.00040	.00039	.00123	3.17
%RSD	.77255	24.762	.87610	.10971	.36708	.60313	.91428

#1	.01689	.00207	6.0875	.36629	.10519	.20416	347.49
#2	.01715	.00137	6.1460	.36694	.10448	.20560	349.83
#3	.01703	.00228	6.0395	.36704	.10510	.20315	343.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8588	30.562	.17837	-.04195	-.08086	.63981	.70451
Stddev	.0009	.285	.00081	.00118	.01440	.00380	.00124
%RSD	.03274	.93212	.45391	2.8087	17.813	.59326	.17590

#1	2.8577	30.637	.17785	-.04166	-.09731	.64110	.70458
#2	2.8595	30.803	.17797	-.04094	-.07478	.63554	.70324
#3	2.8590	30.248	.17931	-.04325	-.07050	.64280	.70571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.263	.01056	-.28700	2.7056	2.7865	.01937	2.5248
Stddev	.121	.00027	.00923	.0311	.0140	.00078	.0145
%RSD	1.0784	2.5487	3.2175	1.1502	.50190	4.0274	.57494

#1	11.203	.01086	-.27665	2.7211	2.7952	.01963	2.5106
#2	11.403	.01036	-.29438	2.6698	2.7939	.01999	2.5396
#3	11.184	.01045	-.28999	2.7260	2.7703	.01850	2.5242

Sample Name: K1824-05 Acquired: 3/12/2019 18:29:36 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-26 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19198	6.210	-.34021	1.2329	F<.00000
Stddev	.00144	.026	.00355	.0625	6.3270
%RSD	.75211	.4194	1.0437	5.0663	.29360
#1	.19236	6.230	-.34088	1.2555	-2161.7
#2	.19038	6.219	-.34337	1.2810	-2153.9
#3	.19319	6.180	-.33637	1.1623	-2149.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3964.7	42405.	6038.2	30.984	3447.3
Stddev	4.9	87.	55.6	1.344	2.2
%RSD	.12348	.20597	.92048	4.3367	.06426
#1	3966.9	42438.	6035.5	32.521	3447.4
#2	3959.1	42471.	5984.1	30.398	3449.4
#3	3968.2	42306.	6095.1	30.033	3445.0

Sample Name: K1824-07 Acquired: 3/12/2019 18:34:02 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08969	-.04286	.08566	-.10975	-.02056	207.70	.33337
Stddev	.00201	.00249	.00096	.00451	.00266	.76	.00376
%RSD	2.2451	5.8154	1.1181	4.1098	12.936	.36479	1.1292

#1	.09185	-.04036	.08456	-.11356	-.02271	206.88	.33165
#2	.08787	-.04535	.08607	-.10477	-.02138	207.84	.33076
#3	.08934	-.04287	.08634	-.11092	-.01759	208.38	.33768

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01501	-.00145	2.7320	.38793	.14196	.16209	316.49
Stddev	.00020	.00022	.0213	.00060	.00019	.00064	2.24
%RSD	1.3364	15.246	.77768	.15467	.13051	.39227	.70642

#1	.01485	-.00148	2.7349	.38725	.14214	.16260	317.73
#2	.01495	-.00121	2.7095	.38840	.14196	.16230	313.91
#3	.01523	-.00165	2.7517	.38814	.14177	.16138	317.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6555	20.107	.14298	-.03162	-.16547	.47918	.43114
Stddev	.0020	.174	.00103	.00037	.00943	.00171	.00385
%RSD	.05393	.86645	.72098	1.1818	5.6998	.35718	.89318

#1	3.6535	20.002	.14194	-.03165	-.17495	.47957	.42869
#2	3.6574	20.011	.14401	-.03197	-.16538	.48066	.43558
#3	3.6556	20.308	.14300	-.03122	-.15609	.47730	.42915

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9627	.00151	-.23381	1.5448	2.3934	.01338	2.5580
Stddev	.0271	.00017	.00459	.0142	.0142	.00044	.0160
%RSD	.33984	11.530	1.9635	.91752	.59410	3.2523	.62647

#1	7.9575	.00137	-.23002	1.5531	2.4098	.01288	2.5437
#2	7.9386	.00170	-.23250	1.5530	2.3847	.01354	2.5549
#3	7.9919	.00145	-.23891	1.5285	2.3857	.01370	2.5753

Sample Name: K1824-07 Acquired: 3/12/2019 18:34:02 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-27 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10285	6.407	-.32498	1.7109	F<.00000
Stddev	.00102	.008	.00256	.1598	4.3709
%RSD	.99418	.1203	.78924	9.3428	.24007
#1	.10375	6.407	-.32646	1.6605	-1815.7
#2	.10174	6.399	-.32201	1.5823	-1823.8
#3	.10305	6.414	-.32646	1.8899	-1822.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3967.2	42608.	6002.2	33.660	3549.3
Stddev	6.4	149.	32.8	2.343	1.7
%RSD	.16134	.35045	.54724	6.9611	.04802
#1	3961.6	42612.	5983.2	31.641	3548.5
#2	3974.2	42756.	6040.1	36.229	3548.2
#3	3965.8	42457.	5983.3	33.110	3551.3

Sample Name: K1824-09 Acquired: 3/12/2019 18:38:31 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08773	-.03668	.09673	-.13311	-.01940	293.36	.45888
Stddev	.00124	.00091	.00384	.00206	.00149	.72	.00726
%RSD	1.4126	2.4887	3.9651	1.5512	7.6890	.24567	1.5829

#1	.08630	-.03744	.10043	-.13549	-.02102	294.18	.45336
#2	.08847	-.03694	.09699	-.13202	-.01909	293.05	.45617
#3	.08842	-.03567	.09277	-.13182	-.01809	292.85	.46711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01812	.00053	3.7146	.35835	.19783	.16177	316.30
Stddev	.00032	.00017	.0305	.00104	.00065	.00074	1.37
%RSD	1.7568	31.269	.82210	.28891	.32994	.45693	.43336

#1	.01789	.00063	3.7053	.35950	.19858	.16232	315.86
#2	.01848	.00063	3.6898	.35806	.19752	.16093	315.20
#3	.01799	.00034	3.7487	.35749	.19739	.16207	317.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5224	10.775	.14334	-.03467	-.22189	.54633	.46258
Stddev	.0037	.030	.00051	.00075	.00815	.00297	.00099
%RSD	.14747	.27439	.35342	2.1551	3.6748	.54433	.21422

#1	2.5185	10.796	.14288	-.03530	-.23009	.54957	.46307
#2	2.5229	10.741	.14324	-.03487	-.22182	.54568	.46323
#3	2.5259	10.787	.14388	-.03384	-.21378	.54373	.46144

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.640	.00278	-.23900	1.9366	3.1175	.01611	1.8654
Stddev	.022	.00031	.00232	.0288	.0222	.00062	.0044
%RSD	.20230	11.035	.97213	1.4873	.71251	3.8445	.23445

#1	10.626	.00280	-.23698	1.9660	3.1352	.01594	1.8695
#2	10.629	.00308	-.24154	1.9351	3.0926	.01679	1.8659
#3	10.665	.00246	-.23847	1.9085	3.1247	.01559	1.8608

Sample Name: K1824-09 Acquired: 3/12/2019 18:38:31 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-28 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05347	6.114	-.32997	1.2077	F<.00000
Stddev	.00154	.019	.00147	.1716	6.1533
%RSD	2.8726	.3143	.44572	14.206	.31481
#1	.05341	6.128	-.32954	1.0848	-1960.6
#2	.05197	6.092	-.32875	1.1347	-1948.3
#3	.05504	6.123	-.33160	1.4037	-1955.0
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4056.7	43107.	6227.0	32.522	3508.6
Stddev	6.3	91.	35.0	1.056	5.4
%RSD	.15494	.21175	.56153	3.2466	.15474
#1	4064.0	43033.	6243.1	32.375	3509.2
#2	4053.2	43077.	6251.0	33.644	3502.9
#3	4053.0	43209.	6186.9	31.548	3513.7

Sample Name: K1824-11 Acquired: 3/12/2019 18:43:00 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09876	-.03783	.10609	-.11980	-.01999	237.32	.28380
Stddev	.00098	.00275	.00277	.00621	.00195	2.41	.01667
%RSD	.98913	7.2554	2.6147	5.1816	9.7607	1.0144	5.8745

#1	.09775	-.03842	.10404	-.11450	-.02043	239.33	.29885
#2	.09883	-.03484	.10925	-.12663	-.02169	234.65	.26588
#3	.09970	-.04024	.10500	-.11829	-.01786	237.99	.28667

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01512	-.00072	2.7077	.52525	.19049	.16443	314.20
Stddev	.00033	.00114	.0945	.00207	.00041	.00217	10.02
%RSD	2.2067	159.46	3.4901	.39412	.21660	1.3175	3.1893

#1	.01507	-.00186	2.7806	.52293	.19017	.16228	322.69
#2	.01481	.00043	2.6010	.52690	.19095	.16661	303.14
#3	.01547	-.00073	2.7416	.52592	.19035	.16441	316.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9515	12.042	.14844	-.03205	-.22317	.51917	.39949
Stddev	.0018	.412	.00069	.00108	.00508	.00213	.00246
%RSD	.04573	3.4205	.46540	3.3589	2.2747	.40942	.61698

#1	3.9525	12.378	.14817	-.03114	-.22633	.51964	.39832
#2	3.9527	11.582	.14923	-.03324	-.22585	.52101	.40232
#3	3.9495	12.166	.14793	-.03176	-.21731	.51684	.39782

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8517	.00220	-.21704	2.0544	2.5595	.01308	1.9624
Stddev	.3310	.00040	.01581	.0333	.0618	.00066	.0621
%RSD	3.7390	18.067	7.2846	1.6205	2.4139	5.0557	3.1622

#1	9.1031	.00187	-.23014	2.0923	2.6217	.01313	2.0148
#2	8.4767	.00264	-.19948	2.0408	2.4981	.01371	1.8939
#3	8.9752	.00208	-.22151	2.0300	2.5588	.01239	1.9785

Sample Name: K1824-11 Acquired: 3/12/2019 18:43:00 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-29 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07737	6.289	-.32927	1.4180	F<.00000
Stddev	.00172	.021	.01052	.1384	3.3412
%RSD	2.2173	.3377	3.1935	9.7579	.17622

#1	.07908	6.307	-.33820	1.4565	-1895.4
#2	.07565	6.294	-.31768	1.2644	-1899.7
#3	.07739	6.265	-.33193	1.5330	-1893.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.9	42930.	6141.2	32.015	3546.6
Stddev	9.9	106.	184.7	1.062	5.4
%RSD	.24625	.24660	3.0077	3.3178	.15343

#1	4019.0	42867.	5979.9	32.821	3547.2
#2	4004.8	43052.	6342.7	32.413	3540.9
#3	4000.0	42871.	6101.0	30.812	3551.7

Sample Name: K1824-13 Acquired: 3/12/2019 18:47:28 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10776	-.03629	.20085	-.08642	-.01757	285.55	.95921
Stddev	.00418	.00413	.00092	.00487	.00196	.25	.01088
%RSD	3.8767	11.388	.45988	5.6343	11.135	.08584	1.1341

#1	.11196	-.03804	.20190	-.09166	-.01937	285.81	.95132
#2	.10360	-.03925	.20019	-.08555	-.01785	285.50	.97162
#3	.10773	-.03157	.20044	-.08203	-.01548	285.33	.95469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01201	.00278	26.662	.29114	.08857	.14783	229.93
Stddev	.00035	.00049	.287	.00061	.00039	.00048	1.91
%RSD	2.9114	17.746	1.0775	.20895	.43507	.32687	.82978

#1	.01231	.00322	26.351	.29052	.08867	.14813	228.06
#2	.01210	.00224	26.918	.29115	.08815	.14727	231.88
#3	.01163	.00288	26.718	.29174	.08890	.14809	229.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0382	15.729	.14944	-.02391	-.08526	.39238	.47889
Stddev	.0038	.102	.00124	.00070	.00802	.00130	.00341
%RSD	.18548	.65106	.83101	2.9338	9.4010	.33126	.71296

#1	2.0343	15.613	.14852	-.02348	-.08237	.39125	.48244
#2	2.0418	15.769	.14895	-.02472	-.09432	.39380	.47862
#3	2.0384	15.806	.15085	-.02353	-.07909	.39208	.47563

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3276	.00206	-.16006	1.3998	2.1813	.01972	1.6587
Stddev	.0228	.00032	.00679	.0129	.0288	.00029	.0097
%RSD	.52760	15.687	4.2430	.92301	1.3213	1.4770	.58564

#1	4.3415	.00173	-.16780	1.4147	2.1536	.01975	1.6485
#2	4.3012	.00238	-.15507	1.3931	2.2111	.02000	1.6599
#3	4.3399	.00208	-.15733	1.3916	2.1791	.01942	1.6678

Sample Name: K1824-13 Acquired: 3/12/2019 18:47:28 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05375	7.616	-.16016	.33083	F<.00000
Stddev	.00133	.017	.00222	.07530	8.5138
%RSD	2.4674	.2265	1.3881	22.761	.56526

#1	.05225	7.633	-.15803	.30995	-1511.4
#2	.05420	7.598	-.16246	.26816	-1510.8
#3	.05478	7.616	-.15999	.41436	-1496.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4511.7	47850.	6981.2	33.145	3505.5
Stddev	11.3	31.	69.7	.574	7.0
%RSD	.25106	.06399	.99826	1.7310	.19970

#1	4499.3	47865.	7056.6	33.771	3497.4
#2	4514.4	47815.	6919.2	33.020	3509.0
#3	4521.5	47870.	6967.8	32.644	3510.0

Sample Name: K1824-15 Acquired: 3/12/2019 18:51:55 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19182	-.03822	.22633	-.09685	-.01848	290.26	.91743
Stddev	.00383	.00310	.00410	.00217	.00051	.35	.00386
%RSD	1.9957	8.1096	1.8132	2.2455	2.7688	.12100	.42101

#1	.19385	-.03867	.22160	-.09934	-.01893	290.12	.92173
#2	.18740	-.04108	.22900	-.09534	-.01859	290.66	.91425
#3	.19420	-.03492	.22838	-.09587	-.01792	290.01	.91631

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01393	.00336	8.8110	.31510	.09202	.25455	271.73
Stddev	.00009	.00011	.0593	.00235	.00050	.00247	1.82
%RSD	.67665	3.3165	.67346	.74550	.54280	.97063	.66910

#1	.01388	.00326	8.8513	.31330	.09185	.25473	273.18
#2	.01404	.00348	8.7429	.31776	.09258	.25693	269.69
#3	.01387	.00335	8.8389	.31425	.09163	.25200	272.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5287	18.859	.16238	-.02993	-.10647	.48691	.63664
Stddev	.0010	.119	.00143	.00051	.01018	.00178	.00062
%RSD	.03957	.63171	.88204	1.7098	9.5610	.36614	.09746

#1	2.5276	18.797	.16238	-.02942	-.11758	.48815	.63664
#2	2.5296	18.783	.16381	-.03044	-.09759	.48487	.63603
#3	2.5288	18.996	.16095	-.02994	-.10425	.48771	.63727

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3692	.00427	-.19507	1.2509	2.1801	.02550	1.6942
Stddev	.0781	.00072	.00850	.0120	.0175	.00085	.0066
%RSD	1.2260	16.876	4.3577	.96014	.80373	3.3439	.38652

#1	6.4090	.00486	-.19102	1.2433	2.1966	.02521	1.6894
#2	6.2792	.00347	-.20484	1.2647	2.1617	.02646	1.6915
#3	6.4194	.00449	-.18935	1.2446	2.1820	.02484	1.7016

Sample Name: K1824-15 Acquired: 3/12/2019 18:51:55 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11906	6.539	-.21604	.36204	F<.00000
Stddev	.00077	.025	.00146	.14656	8.6864
%RSD	.64276	.3821	.67698	40.482	.47619

#1	.11878	6.535	-.21733	.29237	-1814.4
#2	.11847	6.566	-.21445	.53044	-1831.0
#3	.11992	6.517	-.21635	.26330	-1827.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4493.8	47147.	6867.1	31.640	3497.7
Stddev	6.2	90.	31.5	1.114	2.6
%RSD	.13807	.19015	.45902	3.5199	.07462

#1	4486.8	47137.	6834.0	31.211	3494.9
#2	4496.1	47063.	6896.8	30.805	3500.1
#3	4498.6	47242.	6870.3	32.905	3498.2

Sample Name: K1824-17 Acquired: 3/12/2019 18:56:22 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13905	-.03471	.15628	-.14138	-.02243	415.99	1.6056
Stddev	.00300	.00219	.00324	.00438	.00179	2.54	.0058
%RSD	2.1597	6.3191	2.0731	3.0965	7.9980	.61135	.35994

#1	.13584	-.03227	.15915	-.13635	-.02195	414.86	1.6093
#2	.14178	-.03536	.15691	-.14345	-.02442	414.21	1.6086
#3	.13952	-.03651	.15277	-.14434	-.02092	418.91	1.5990

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01733	.00143	12.621	.30178	.11451	.19571	332.94
Stddev	.00061	.00047	.026	.00044	.00097	.00049	1.41
%RSD	3.5220	33.039	.20615	.14619	.84523	.25241	.42439

#1	.01721	.00172	12.651	.30127	.11458	.19593	334.28
#2	.01679	.00088	12.607	.30207	.11545	.19514	333.07
#3	.01799	.00169	12.604	.30199	.11351	.19605	331.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3055	12.385	.16470	-.03955	.27749	.52739	.56884
Stddev	.0022	.060	.00047	.00032	.00253	.00346	.00054
%RSD	.17209	.48748	.28624	.80527	.91167	.65579	.09434

#1	1.3058	12.322	.16514	-.03956	.27980	.52889	.56822
#2	1.3032	12.443	.16475	-.03986	.27790	.52985	.56918
#3	1.3077	12.390	.16421	-.03922	.27479	.52344	.56912

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8557	.00383	-.26857	.62487	2.4962	.02506	1.8731
Stddev	.0476	.00037	.01027	.01827	.0283	.00069	.0084
%RSD	.69450	9.7000	3.8236	2.9240	1.1316	2.7724	.45063

#1	6.8319	.00423	-.25678	.64213	2.4932	.02575	1.8718
#2	6.8245	.00349	-.27553	.60573	2.5258	.02507	1.8654
#3	6.9105	.00376	-.27341	.62674	2.4696	.02436	1.8821

Sample Name: K1824-17 Acquired: 3/12/2019 18:56:22 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07382	8.701	-.19585	1.7008	F<.00000
Stddev	.00076	.010	.00195	.1888	2.2495
%RSD	1.0328	.1146	.99467	11.097	.10690

#1	.07437	8.707	-.19752	1.6199	-2102.3
#2	.07295	8.706	-.19632	1.5660	-2106.7
#3	.07414	8.689	-.19371	1.9166	-2103.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4065.3	42180.	6188.6	32.729	3465.1
Stddev	4.4	110.	18.0	.433	1.7
%RSD	.10887	.26143	.29158	1.3215	.04980

#1	4061.2	42249.	6184.6	32.332	3467.1
#2	4070.0	42238.	6172.9	33.190	3464.5
#3	4064.7	42053.	6208.3	32.666	3463.8

Sample Name: K1824-19 Acquired: 3/12/2019 19:00:48 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83313	-.03543	.09598	-.15832	-.02603	401.53	1.1425
Stddev	.00863	.00107	.00287	.00217	.00425	.81	.0103
%RSD	1.0364	3.0068	2.9914	1.3712	16.323	.20080	.89847

#1	.82337	-.03465	.09910	-.16041	-.03017	400.60	1.1411
#2	.83620	-.03499	.09539	-.15847	-.02168	401.98	1.1330
#3	.83980	-.03664	.09345	-.15608	-.02623	402.01	1.1533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01872	.00235	9.4105	.32320	.09070	.15526	370.79
Stddev	.00033	.00033	.0655	.00094	.00058	.00109	2.68
%RSD	1.7468	14.200	.69576	.29008	.63958	.70304	.72221

#1	.01834	.00202	9.4100	.32236	.09005	.15517	369.53
#2	.01888	.00269	9.3452	.32421	.09088	.15421	368.98
#3	.01893	.00234	9.4762	.32303	.09117	.15639	373.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3745	10.945	.12931	-.04607	-.02637	.57017	.37120
Stddev	.0009	.099	.00141	.00109	.00787	.00088	.00187
%RSD	.06464	.90176	1.0890	2.3622	29.861	.15410	.50473

#1	1.3739	10.867	.12773	-.04666	-.02589	.56915	.36909
#2	1.3741	11.056	.13044	-.04674	-.03447	.57064	.37187
#3	1.3755	10.913	.12976	-.04482	-.01875	.57071	.37265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5459	.00236	-.33321	.94969	2.2520	.02043	1.6037
Stddev	.0331	.00044	.00218	.00539	.0208	.00053	.0043
%RSD	.50582	18.567	.65443	.56714	.92202	2.6027	.26899

#1	6.5088	.00247	-.33553	.95244	2.2355	.02103	1.5994
#2	6.5723	.00188	-.33289	.94348	2.2452	.02023	1.6080
#3	6.5567	.00273	-.33120	.95314	2.2753	.02002	1.6036

Sample Name: K1824-19 Acquired: 3/12/2019 19:00:48 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07703	8.224	-.25969	1.5260	F<.00000
Stddev	.00120	.030	.00246	.0611	11.149
%RSD	1.5606	.3709	.94762	4.0015	.45727
#1	.07638	8.191	-.25858	1.5226	-2430.6
#2	.07841	8.231	-.25798	1.5887	-2433.0
#3	.07629	8.251	-.26251	1.4667	-2451.0
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4030.4	41742.	6135.2	32.049	3446.0
Stddev	5.5	102.	32.6	.622	8.0
%RSD	.13643	.24458	.53149	1.9420	.23227
#1	4033.9	41810.	6145.1	31.918	3452.4
#2	4024.0	41624.	6161.7	31.503	3437.1
#3	4033.2	41790.	6098.8	32.727	3448.6

Sample Name: K1837-01 Acquired: 3/12/2019 19:05:16 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-11-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05313	-.34817	.12477	-.47299	-.04886	916.36	1.7664
Stddev	.00301	.00424	.00392	.01006	.00456	5.60	.0014
%RSD	5.6740	1.2179	3.1444	2.1263	9.3241	.61126	.07746

#1	-.05103	-.35188	.12395	-.48456	-.05302	910.14	1.7680
#2	-.05659	-.34909	.12903	-.46799	-.04957	921.01	1.7659
#3	-.05178	-.34355	.12131	-.46640	-.04399	917.93	1.7654

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04081	.06477	18.685	.98233	1.3391	1.6119	478.86
Stddev	.00019	.00065	.060	.00453	.0014	.0029	.19
%RSD	.46222	.99921	.31918	.46120	.10324	.17968	.03885

#1	.04087	.06461	18.616	.97712	1.3385	1.6141	478.66
#2	.04060	.06548	18.726	.98452	1.3406	1.6086	479.02
#3	.04096	.06422	18.711	.98535	1.3380	1.6128	478.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.337	50.766	1.1919	-.13656	18.941	2.8669	1.2076
Stddev	.102	.126	.0050	.00050	.102	.0076	.0006
%RSD	.47779	.24776	.41769	.36742	.53889	.26544	.05148

#1	21.381	50.654	1.1939	-.13620	19.057	2.8754	1.2074
#2	21.409	50.902	1.1955	-.13634	18.906	2.8645	1.2083
#3	21.220	50.743	1.1862	-.13713	18.862	2.8608	1.2071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.156	-.01106	-.97956	1.1466	1.9602	.06363	F 14.968
Stddev	.053	.00024	.00268	.0230	.0059	.00148	.027
%RSD	.43486	2.1651	.27338	2.0071	.29922	2.3330	.17806

#1	12.195	-.01082	-.98223	1.1646	1.9606	.06263	14.966
#2	12.096	-.01107	-.97959	1.1207	1.9541	.06292	14.995
#3	12.178	-.01130	-.97687	1.1544	1.9659	.06534	14.942

Sample Name: K1837-01 Acquired: 3/12/2019 19:05:16 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-11-COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15402	F 11.27	-.33137	<.00000	F<.00000
Stddev	.00180	.02	.00073	.05222	22.170
%RSD	1.1690	.1343	.21885	1.2103	.39608
#1	.15536	11.26	-.33060	-4.3419	-5572.6
#2	.15197	11.29	-.33146	-4.2541	-5603.6
#3	.15472	11.26	-.33205	-4.3469	-5615.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4580.1	46474.	7243.9	31.190	2980.5
Stddev	8.6	63.	13.7	1.157	3.9
%RSD	.18791	.13663	.18917	3.7093	.12924
#1	4572.7	46496.	7228.3	30.444	2977.8
#2	4578.1	46403.	7249.6	30.603	2978.8
#3	4589.6	46524.	7253.9	32.523	2984.9

Sample Name: K1837-03 Acquired: 3/12/2019 19:09:56 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-10-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04764	-.16880	.63307	-.20585	-.02700	373.06	1.1512
Stddev	.00575	.00207	.00197	.00385	.00421	.83	.0139
%RSD	12.066	1.2281	.31150	1.8688	15.581	.22344	1.2106

#1	.05321	-.17025	.63445	-.20687	-.02684	372.74	1.1401
#2	.04799	-.16973	.63394	-.20908	-.03128	374.01	1.1669
#3	.04173	-.16643	.63081	-.20159	-.02287	372.45	1.1468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02658	.02815	27.950	.54781	.37173	1.5724	370.06
Stddev	.00023	.00009	.231	.00174	.00151	.0006	2.31
%RSD	.86558	.33357	.82775	.31701	.40656	.03831	.62406

#1	.02636	.02826	27.690	.54909	.37001	1.5726	367.40
#2	.02681	.02811	28.132	.54583	.37283	1.5728	371.53
#3	.02656	.02808	28.029	.54850	.37235	1.5717	371.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1695	46.938	.48325	-.06847	12.494	1.6186	1.7113
Stddev	.0138	.459	.00116	.00087	.122	.0032	.0031
%RSD	.15090	.97845	.24005	1.2668	.97433	.19451	.18358

#1	9.1826	46.442	.48213	-.06923	12.390	1.6214	1.7145
#2	9.1550	47.024	.48445	-.06867	12.628	1.6193	1.7111
#3	9.1708	47.349	.48317	-.06753	12.464	1.6152	1.7082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.197	.00286	-.46850	2.8629	2.3365	.04731	7.3875
Stddev	.057	.00036	.00116	.0422	.0157	.00012	.0373
%RSD	.55831	12.427	.24771	1.4750	.67364	.25861	.50451

#1	10.157	.00284	-.46919	2.8411	2.3205	.04723	7.3754
#2	10.262	.00323	-.46716	2.8359	2.3519	.04724	7.3577
#3	10.172	.00252	-.46916	2.9115	2.3370	.04745	7.4293

Sample Name: K1837-03 Acquired: 3/12/2019 19:09:56 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MR-MH-10-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18105	F 11.21	-.24161	<.00000	F<.00000
Stddev	.00262	.01	.00256	.18628	13.749
%RSD	1.4446	.0672	1.0576	6.0833	.39415
#1	.17852	11.22	-.23866	-3.0407	-3503.3
#2	.18089	11.21	-.24313	-3.2582	-3484.6
#3	.18375	11.21	-.24304	-2.8875	-3476.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4914.3	51062.	7572.5	31.239	3246.3
Stddev	12.5	106.	37.3	.898	6.5
%RSD	.25496	.20846	.49271	2.8741	.20026
#1	4900.9	50946.	7615.1	31.113	3239.2
#2	4916.2	51156.	7545.6	30.411	3248.1
#3	4925.8	51083.	7556.9	32.194	3251.8

Sample Name: CCV08 Acquired: 3/12/2019 19:14:31 Type: Unk
Method: P4-ICP2(v2936) 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	5.3451	5.1411	5.2680	5.2381	5.3636	10.498	9.3391	.26306
Stddev	.0010	.0066	.0053	.0048	.0118	.026	.0742	.00066
%RSD	.01848	.12769	.10130	.09179	.22038	.24950	.79469	.24939
#1	5.3462	5.1335	5.2627	5.2341	5.3737	10.468	9.3979	.26298
#2	5.3447	5.1448	5.2734	5.2366	5.3506	10.517	9.2557	.26245
#3	5.3443	5.1450	5.2679	5.2434	5.3664	10.509	9.3638	.26375
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5173	24.183	1.0671	2.6412	1.2756	4.9045	2.6357	23.948
Stddev	.0030	.281	.0032	.0031	.0032	.0509	.0026	.213
%RSD	.12061	1.1602	.29595	.11778	.24931	1.0370	.09743	.88920
#1	2.5149	24.166	1.0635	2.6390	1.2749	4.8917	2.6384	23.999
#2	2.5164	23.911	1.0693	2.6399	1.2728	4.8613	2.6352	23.715
#3	2.5208	24.471	1.0685	2.6448	1.2791	4.9606	2.6334	24.131
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4431	F 1.3904	23.571	2.4908	2.7015	25.425	4.8964	F 4.3977
Stddev	.0031	.0001	.205	.0019	.0025	.257	.0024	.0267
%RSD	.12809	.01081	.86968	.07672	.09368	1.0094	.04972	.60835
#1	2.4397	1.3902	23.783	2.4930	2.7000	25.592	4.8950	4.3978
#2	2.4437	1.3904	23.373	2.4894	2.7000	25.129	4.8949	4.3708
#3	2.4459	1.3904	23.556	2.4901	2.7044	25.553	4.8992	4.4243
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9861	4.8237	4.6817	5.0549	F 4.4732	5.040	5.0267	F 5.7787
Stddev	.0124	.0456	.0123	.0475	.0336	.020	.0356	.0486
%RSD	.24787	.94585	.26317	.94014	.75017	.4044	.70829	.84101
#1	4.9803	4.8241	4.6700	5.0704	4.4960	5.028	5.0539	5.7310
#2	4.9777	4.7778	4.6805	5.0016	4.4347	5.028	4.9864	5.7770
#3	5.0003	4.8691	4.6946	5.0928	4.4890	5.063	5.0398	5.8281

Sample Name: CCV08 Acquired: 3/12/2019 19:14:31 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .87976
Stddev 1.0161
%RSD 115.50

#1 .07034
#2 .54891
#3 2.0200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.0	39368.	5468.8	30.183	3622.2
Stddev	3.4	78.	34.7	1.300	4.9
%RSD	.09129	.19872	.63402	4.3081	.13564

#1	3746.0	39406.	5453.1	31.204	3627.0
#2	3741.2	39278.	5508.5	30.626	3617.2
#3	3747.8	39420.	5444.7	28.719	3622.6

Sample Name: CCB08 Acquired: 3/12/2019 19:18:31 Type: Unk
Method: P4-ICP2(v2936) 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	.00017	.00094	.00025	-.00280	.00422	-.00451
Stddev	.00180	.00076	.00112	.00189	.00089	.01110	.00204
%RSD	115.69	449.52	118.15	746.51	31.787	262.83	45.303

#1	-.00344	-.00070	.00218	.00038	-.00206	-.00078	-.00526
#2	-.00135	.00053	.00000	.00208	-.00255	-.00349	-.00220
#3	.00013	.00067	.00066	-.00170	-.00379	.01694	-.00607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	-.00816	-.00028	-.00004	-.00154	-.00204
Stddev	.00006	.00004	.00903	.00026	.00001	.00022	.00073
%RSD	115.51	165.56	110.56	93.358	26.561	14.339	35.941

#1	.00010	.00003	-.01030	-.00023	-.00005	-.00178	-.00124
#2	.00006	-.00002	.00174	-.00005	-.00003	-.00151	-.00221
#3	-.00001	.00005	-.01593	-.00056	-.00003	-.00134	-.00267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00729	.00031	.00066	-.32925	-.00032	-.00019
Stddev	.00002	.03501	.00017	.00026	.00874	.00028	.00007
%RSD	43.782	479.99	53.605	39.882	2.6543	88.115	36.647

#1	.00004	-.04346	.00014	.00057	-.33347	-.00014	-.00011
#2	.00008	-.00484	.00033	.00096	-.33508	-.00064	-.00022
#3	.00004	.02642	.00047	.00046	-.31920	-.00017	-.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07808	.00024	.00261	F -.02142	.00694	-.00206	-.00178
Stddev	.02121	.00021	.00773	.00188	.00036	.00103	.00196
%RSD	27.159	87.660	296.02	8.7795	5.2097	49.992	110.41

#1	.10141	.00041	.00035	-.02015	.00711	-.00098	-.00024
#2	.05999	.00031	-.00373	-.02358	.00719	-.00216	-.00110
#3	.07283	.00000	.01122	-.02053	.00653	-.00303	-.00399

Sample Name: CCB08 Acquired: 3/12/2019 19:18:31 Type: Unk
Method: P4-ICP2(v2936) 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	F -.01433	-.0042	.00006	F 4.5230	F .05279
Stddev	.00197	.0010	.00007	.1675	.05489
%RSD	13.759	23.95	110.91	3.7037	103.98
#1	-.01641	-.0030	.00009	4.5062	.04934
#2	-.01250	-.0049	-.00002	4.6983	-.00030
#3	-.01407	-.0046	.00011	4.3646	.10931
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.4	41544.	5526.6	32.592	4064.6
Stddev	23.5	99.	29.8	.776	11.2
%RSD	.60255	.23717	.53878	2.3798	.27527
#1	3879.6	41435.	5495.7	32.489	4053.3
#2	3907.1	41569.	5555.1	31.873	4064.8
#3	3926.5	41627.	5528.9	33.414	4075.6

Sample Name: K1837-05 Acquired: 3/12/2019 19:23:00 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-09-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07023	-.24055	.18630	-.21676	-.03330	520.27	1.1658
Stddev	.00623	.00160	.00121	.00062	.00099	.63	.0110
%RSD	8.8641	.66597	.64713	.28729	2.9860	.12105	.94636

#1	.06579	-.24227	.18725	-.21739	-.03403	519.92	1.1689
#2	.07735	-.23909	.18670	-.21673	-.03369	519.89	1.1535
#3	.06756	-.24029	.18494	-.21615	-.03217	521.00	1.1749

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02731	.01992	24.409	.36233	.46489	1.0915	410.05
Stddev	.00033	.00074	.231	.00087	.00142	.0037	3.76
%RSD	1.2220	3.7083	.94651	.23925	.30496	.33936	.91694

#1	.02762	.01955	24.491	.36326	.46354	1.0939	411.42
#2	.02695	.02077	24.148	.36154	.46478	1.0872	405.80
#3	.02736	.01944	24.587	.36220	.46636	1.0933	412.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9496	64.033	.44265	-.07875	11.616	1.8606	1.0495
Stddev	.0532	.630	.00088	.00090	.145	.0006	.0024
%RSD	.66938	.98326	.19916	1.1432	1.2479	.03456	.23017

#1	7.9464	64.008	.44220	-.07954	11.740	1.8599	1.0478
#2	7.8980	63.417	.44208	-.07893	11.457	1.8606	1.0523
#3	8.0043	64.675	.44366	-.07777	11.652	1.8612	1.0484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.449	-.00281	-.48709	1.2115	1.8664	.04223	F 12.596
Stddev	.303	.00056	.00761	.0338	.0253	.00141	.129
%RSD	1.3501	19.868	1.5626	2.7854	1.3551	3.3336	1.0261

#1	22.710	-.00263	-.49277	1.2347	1.8846	.04066	12.631
#2	22.117	-.00344	-.49004	1.1728	1.8375	.04267	12.453
#3	22.521	-.00237	-.47844	1.2270	1.8771	.04337	12.704

Sample Name: K1837-05 Acquired: 3/12/2019 19:23:00 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MR-MH-09-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25093	F 10.90	-.26176	<.00000	F<.00000
Stddev	.00304	.02	.00373	.07330	11.444
%RSD	1.2098	.2166	1.4266	9.1457	.34043

#1	.25403	10.88	-.26312	-.87937	-3348.4
#2	.24797	10.93	-.25753	-.73382	-3367.3
#3	.25079	10.89	-.26462	-.79134	-3369.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4424.0	45504.	6735.2	32.457	3238.3
Stddev	2.5	68.	71.7	1.716	4.0
%RSD	.05677	.14950	1.0638	5.2858	.12420

#1	4421.1	45521.	6705.8	32.732	3242.9
#2	4425.3	45563.	6816.9	30.620	3235.6
#3	4425.6	45430.	6682.9	34.018	3236.2

Sample Name: K1837-07 Acquired: 3/12/2019 19:27:36 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49581	-.90090	.12158	-.22835	-.02483	361.30	1.4876
Stddev	.00445	.00150	.00248	.00482	.00376	.58	.0023
%RSD	.89697	.16612	2.0428	2.1114	15.146	.16034	.15436

#1	.49512	-.89989	.12297	-.22539	-.02619	361.57	1.4902
#2	.49175	-.90262	.12306	-.22576	-.02772	360.63	1.4869
#3	.50056	-.90018	.11871	-.23392	-.02058	361.69	1.4857

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03863	.04526	15.240	1.2785	.51764	.51077	366.81
Stddev	.00040	.00087	.098	.0028	.00299	.00391	2.31
%RSD	1.0335	1.9127	.64070	.21625	.57812	.76513	.63039

#1	.03819	.04478	15.351	1.2778	.51481	.50766	367.47
#2	.03874	.04474	15.169	1.2816	.51732	.50949	368.73
#3	.03897	.04626	15.200	1.2762	.52077	.51516	364.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7102	162.07	.70760	-.09611	12.180	1.3951	1.5114
Stddev	.0510	.65	.00443	.00065	.077	.0007	.0012
%RSD	.66122	.40230	.62637	.67509	.62817	.04932	.08028

#1	7.7688	162.75	.70519	-.09541	12.233	1.3958	1.5100
#2	7.6849	162.00	.70488	-.09668	12.215	1.3944	1.5123
#3	7.6767	161.45	.71271	-.09625	12.092	1.3951	1.5118

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.23	-.00835	.84093	1.1094	1.6333	.09252	F 39.397
Stddev	.50	.00037	.00821	.0196	.0204	.00243	.083
%RSD	.49395	4.3719	.97571	1.7652	1.2510	2.6277	.21061

#1	100.57	-.00799	.83502	1.0870	1.6269	.09520	39.472
#2	100.46	-.00834	.83747	1.1182	1.6562	.09191	39.413
#3	99.662	-.00872	.85030	1.1230	1.6169	.09046	39.308

Sample Name: K1837-07 Acquired: 3/12/2019 19:27:36 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.49906	5.748	-.21112	<.00000	F<.00000
Stddev	.00257	.043	.00219	.29346	9.3236
%RSD	.51440	.7449	1.0358	5.9434	.23713
#1	.49611	5.712	-.21110	-4.6029	-3934.3
#2	.50076	5.737	-.21331	-5.1513	-3939.6
#3	.50032	5.795	-.20893	-5.0584	-3921.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5289.4	55211.	8065.6	30.288	3038.1
Stddev	9.7	117.	49.9	1.104	1.8
%RSD	.18304	.21116	.61864	3.6446	.06005
#1	5280.0	55088.	8038.5	31.376	3036.2
#2	5299.3	55225.	8035.0	29.169	3038.2
#3	5288.9	55320.	8123.1	30.320	3039.9

Sample Name: K1837-07DUP Acquired: 3/12/2019 19:32:10 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50456	-.88740	.12092	-.22200	-.02419	361.99	1.4821
Stddev	.00371	.00644	.00093	.00203	.00156	1.42	.0116
%RSD	.73583	.72552	.76736	.91341	6.4693	.39224	.78473

#1	.50871	-.89365	.12108	-.22128	-.02564	361.88	1.4767
#2	.50156	-.88079	.11992	-.22042	-.02253	360.63	1.4741
#3	.50342	-.88775	.12176	-.22428	-.02439	363.46	1.4954

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03817	.04464	15.197	1.2793	.51543	.51177	366.33
Stddev	.00029	.00044	.076	.0021	.00345	.00266	1.42
%RSD	.74825	.98341	.49898	.16405	.67025	.52015	.38738

#1	.03784	.04481	15.183	1.2771	.51780	.51104	367.94
#2	.03834	.04415	15.129	1.2793	.51147	.51472	365.79
#3	.03833	.04498	15.279	1.2813	.51703	.50955	365.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7552	161.61	.70474	-.09801	12.093	1.4000	1.4996
Stddev	.0411	1.00	.00552	.00091	.057	.0044	.0161
%RSD	.52949	.62047	.78318	.93294	.47460	.31288	1.0714

#1	7.8024	161.45	.70974	-.09723	12.092	1.4024	1.5099
#2	7.7356	160.70	.69881	-.09901	12.036	1.4028	1.4811
#3	7.7276	162.69	.70566	-.09779	12.151	1.3950	1.5079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	99.533	-.00809	.84212	1.1242	1.6389	.09239	F 39.192
Stddev	.426	.00058	.01049	.0163	.0062	.00104	.242
%RSD	.42769	7.1555	1.2451	1.4452	.37769	1.1289	.61662

#1	99.589	-.00874	.85054	1.1430	1.6453	.09125	39.176
#2	99.082	-.00762	.84543	1.1139	1.6329	.09264	38.959
#3	99.928	-.00791	.83038	1.1158	1.6385	.09329	39.441

Sample Name: K1837-07DUP Acquired: 3/12/2019 19:32:10 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.49627	5.715	-.21100	<.00000	F<.00000
Stddev	.00025	.042	.00218	.12521	11.663
%RSD	.05110	.7378	1.0352	2.5352	.29763

#1	.49621	5.739	-.21254	-4.8264	-3909.4
#2	.49655	5.667	-.21197	-5.0738	-3914.6
#3	.49606	5.740	-.20850	-4.9166	-3931.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5291.1	55116.	8098.1	29.154	3055.6
Stddev	1.7	245.	35.6	.792	28.0
%RSD	.03302	.44429	.43943	2.7154	.91507

#1	5289.9	54833.	8060.7	29.601	3041.1
#2	5293.1	55266.	8131.5	28.240	3087.8
#3	5290.3	55248.	8102.1	29.622	3037.9

Sample Name: K1837-07LX5 Acquired: 3/12/2019 19:36:44 Type: Unk
Method: P4-ICP2(v2936) 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	.13499	-.16977	-.00019	-.01283	-.00751	93.201	.37482
Stddev	.00370	.00095	.00108	.00139	.00149	.634	.00209
%RSD	2.7432	.56063	583.13	10.855	19.839	.68076	.55781

#1	.13568	-.17040	-.00088	-.01123	-.00892	92.472	.37586
#2	.13830	-.17024	-.00074	-.01378	-.00595	93.623	.37619
#3	.13099	-.16868	.00106	-.01348	-.00766	93.509	.37241

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00767	-.00351	4.2117	.36320	.09540	.14008	159.41
Stddev	.00026	.00017	.0130	.00064	.00057	.00064	1.33
%RSD	3.3301	4.8354	.30897	.17670	.60085	.45744	.83553

#1	.00765	-.00332	4.2087	.36370	.09566	.14059	159.85
#2	.00793	-.00361	4.2260	.36343	.09474	.14030	160.46
#3	.00742	-.00361	4.2005	.36248	.09580	.13936	157.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2692	45.990	.13319	-.01902	3.1340	.39812	.25818
Stddev	.0052	.353	.00060	.00070	.0094	.00286	.00064
%RSD	.22720	.76819	.45174	3.6608	.29935	.71940	.24729

#1	2.2633	45.696	.13373	-.01881	3.1234	.39552	.25828
#2	2.2716	46.382	.13329	-.01846	3.1411	.39764	.25751
#3	2.2727	45.892	.13254	-.01980	3.1376	.40119	.25877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.520	-.00251	.33019	.21188	.48303	.01758	F 11.073
Stddev	.349	.00022	.00959	.01421	.00687	.00094	.061
%RSD	1.2243	8.8844	2.9031	6.7065	1.4226	5.3620	.54963

#1	28.579	-.00227	.32263	.22323	.48668	.01862	11.088
#2	28.836	-.00272	.32697	.21648	.48731	.01678	11.126
#3	28.145	-.00254	.34097	.19594	.47511	.01733	11.007

Sample Name: K1837-07LX5 Acquired: 3/12/2019 19:36:44 Type: Unk
Method: P4-ICP2(v2936) 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	.12373	1.073	-.12117	3.0063	F<.00000
Stddev	.00200	.002	.00144	.0365	1.3699
%RSD	1.6185	.1387	1.1904	1.2135	.19081

#1	.12308	1.074	-.12175	3.0351	-718.48
#2	.12212	1.071	-.12222	3.0186	-718.90
#3	.12597	1.074	-.11952	2.9653	-716.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.0	43728.	5999.7	31.826	3608.3
Stddev	9.9	68.	61.2	.712	7.4
%RSD	.23535	.15475	1.0198	2.2369	.20569

#1	4189.7	43769.	5952.8	32.161	3611.9
#2	4177.5	43650.	5977.4	32.308	3599.8
#3	4197.0	43765.	6068.9	31.008	3613.3

Sample Name: K1837-07MS Acquired: 3/12/2019 19:41:06 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88040	1.0941	1.2042	1.0681	.06306	377.25	1.6321
Stddev	.00199	.0050	.0025	.0033	.00355	1.53	.0120
%RSD	.22609	.45236	.20988	.31095	5.6325	.40505	.73749

#1	.88266	1.0980	1.2050	1.0642	.06309	378.19	1.6431
#2	.87963	1.0885	1.2014	1.0700	.05949	375.48	1.6192
#3	.87891	1.0958	1.2062	1.0700	.06659	378.06	1.6340

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18306	.25693	15.822	1.5956	.73816	.68544	370.88
Stddev	.00049	.00105	.041	.0086	.00460	.00209	1.80
%RSD	.26572	.40991	.25993	.53773	.62368	.30547	.48402

#1	.18261	.25580	15.775	1.5972	.73418	.68311	372.12
#2	.18299	.25712	15.841	1.5864	.73709	.68717	368.82
#3	.18358	.25788	15.851	1.6033	.74320	.68603	371.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1530	171.76	1.2543	-.04406	14.282	1.6009	1.8433
Stddev	.0253	.37	.0043	.00043	.071	.0043	.0018
%RSD	.35305	.21579	.34498	.97847	.49558	.26673	.09880

#1	7.1777	171.34	1.2493	-.04371	14.361	1.6019	1.8422
#2	7.1273	171.89	1.2571	-.04392	14.226	1.5963	1.8422
#3	7.1541	172.05	1.2566	-.04454	14.257	1.6047	1.8454

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	111.53	.22464	1.3226	1.1100	2.2983	.74540	F 42.920
Stddev	.48	.00145	.0121	.0338	.0043	.00478	.113
%RSD	.42869	.64502	.91346	3.0434	.18615	.64163	.26262

#1	111.98	.22429	1.3334	1.0760	2.2938	.74025	42.857
#2	111.03	.22623	1.3096	1.1436	2.3024	.74624	42.854
#3	111.59	.22339	1.3248	1.1105	2.2987	.74970	43.050

Sample Name: K1837-07MS Acquired: 3/12/2019 19:41:06 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.65705	F 11.73	-.07657	<.00000	F<.00000
Stddev	.00279	.01	.00142	.19940	18.634
%RSD	.42461	.1093	1.8480	4.2989	.46622
#1	.65979	11.73	-.07784	-4.4517	-3986.0
#2	.65716	11.74	-.07505	-4.8485	-3986.0
#3	.65421	11.72	-.07682	-4.6150	-4018.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5326.3	55490.	8065.4	29.706	3003.9
Stddev	5.4	302.	29.0	.156	4.7
%RSD	.10161	.54397	.36006	.52530	.15688
#1	5332.1	55192.	8040.3	29.805	3008.7
#2	5321.3	55796.	8097.2	29.787	3003.8
#3	5325.4	55481.	8058.6	29.526	2999.2

Sample Name: K1837-07MSD Acquired: 3/12/2019 19:45:33 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87924	1.1111	1.2020	1.0721	.05945	380.25	1.6309
Stddev	.00432	.0084	.0008	.0067	.00174	1.59	.0133
%RSD	.49106	.76087	.06287	.62833	2.9286	.41781	.81736

#1	.87582	1.1046	1.2012	1.0764	.06146	380.77	1.6452
#2	.88409	1.1082	1.2020	1.0644	.05850	381.50	1.6189
#3	.87780	1.1207	1.2028	1.0756	.05839	378.46	1.6285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18322	.25782	15.830	1.6008	.73988	.68742	368.14
Stddev	.00066	.00092	.232	.0047	.00060	.00334	3.33
%RSD	.36098	.35722	1.4655	.29537	.08053	.48626	.90344

#1	.18297	.25738	16.097	1.6031	.73963	.68482	370.93
#2	.18398	.25888	15.716	1.6039	.74057	.69119	364.46
#3	.18273	.25720	15.677	1.5954	.73946	.68624	369.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1618	172.01	1.2613	-.04494	14.231	1.6070	1.8477
Stddev	.0205	1.77	.0034	.00117	.144	.0067	.0024
%RSD	.28594	1.0286	.26979	2.5937	1.0133	.41675	.12913

#1	7.1407	174.04	1.2616	-.04458	14.392	1.6132	1.8501
#2	7.1631	170.76	1.2645	-.04625	14.112	1.6079	1.8476
#3	7.1816	171.23	1.2577	-.04400	14.191	1.5999	1.8453

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	111.02	.22486	1.3085	1.0908	2.3038	.75088	F 42.858
Stddev	.86	.00082	.0087	.0208	.0171	.00156	.445
%RSD	.77462	.36490	.66322	1.9051	.74153	.20734	1.0375

#1	111.97	.22525	1.3106	1.1132	2.3155	.75138	43.367
#2	110.30	.22541	1.2990	1.0868	2.2842	.75212	42.545
#3	110.79	.22392	1.3159	1.0723	2.3116	.74913	42.661

Sample Name: K1837-07MSD Acquired: 3/12/2019 19:45:33 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-08-COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.65739	F 11.77	-.07371	<.00000	F<.00000
Stddev	.00172	.03	.00252	.15542	8.5404
%RSD	.26116	.2787	3.4254	3.2973	.21346
#1	.65908	11.81	-.07338	-4.6076	-3992.6
#2	.65564	11.74	-.07137	-4.6410	-4000.6
#3	.65744	11.77	-.07639	-4.8919	-4009.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5344.4	55516.	8146.3	28.892	3003.2
Stddev	6.3	172.	82.6	.692	3.3
%RSD	.11714	.31005	1.0138	2.3942	.10969
#1	5351.6	55389.	8061.3	28.212	3003.6
#2	5340.3	55447.	8226.2	29.594	3006.2
#3	5341.3	55712.	8151.5	28.870	2999.7

Sample Name: K1837-07A Acquired: 3/12/2019 19:50:01 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88094	1.1118	1.2026	1.0791	.05607	380.40	1.6518
Stddev	.00073	.0108	.0103	.0059	.00293	1.76	.0056
%RSD	.08266	.97515	.85438	.54369	5.2170	.46293	.34014

#1	.88108	1.0995	1.1916	1.0723	.05271	378.55	1.6555
#2	.88159	1.1198	1.2040	1.0828	.05804	380.58	1.6453
#3	.88015	1.1162	1.2120	1.0822	.05745	382.06	1.6546

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18412	.25726	16.019	1.6109	.74008	.68735	372.96
Stddev	.00090	.00255	.019	.0022	.00670	.00160	1.21
%RSD	.48875	.99138	.12152	.13978	.90540	.23266	.32363

#1	.18352	.25453	16.039	1.6114	.73246	.68554	373.98
#2	.18516	.25767	16.019	1.6129	.74271	.68793	371.63
#3	.18368	.25958	16.000	1.6084	.74507	.68857	373.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2133	173.57	1.2634	-.04523	14.412	1.6119	1.8421
Stddev	.0162	.53	.0114	.00091	.023	.0028	.0115
%RSD	.22520	.30522	.90079	2.0025	.15735	.17341	.62147

#1	7.1979	173.23	1.2508	-.04501	14.435	1.6087	1.8290
#2	7.2119	173.30	1.2665	-.04622	14.389	1.6134	1.8479
#3	7.2303	174.18	1.2729	-.04445	14.413	1.6137	1.8495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	111.99	.22610	1.3171	1.1204	2.3456	.75107	F 43.242
Stddev	.04	.00041	.0086	.0139	.0135	.01190	.123
%RSD	.03670	.18318	.65660	1.2435	.57676	1.5843	.28381

#1	112.04	.22565	1.3215	1.1082	2.3583	.73943	43.207
#2	111.96	.22617	1.3227	1.1175	2.3314	.75056	43.141
#3	111.97	.22647	1.3072	1.1356	2.3470	.76321	43.379

Sample Name: K1837-07A Acquired: 3/12/2019 19:50:01 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8012 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.65693	F 11.78	-.07532	<.00000	F<.00000
Stddev	.00263	.05	.00072	.06807	5.2273
%RSD	.40034	.4613	.96001	1.5250	.13106

#1	.65403	11.72	-.07615	-4.3948	-3994.4
#2	.65761	11.81	-.07499	-4.4648	-3984.5
#3	.65916	11.82	-.07481	-4.5309	-3986.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5358.0	55343.	8039.2	30.477	3016.6
Stddev	8.1	51.	23.5	.729	17.4
%RSD	.15092	.09125	.29256	2.3932	.57724

#1	5349.4	55382.	8012.8	29.704	3036.4
#2	5358.9	55360.	8058.2	30.577	3009.6
#3	5365.5	55286.	8046.4	31.152	3003.8

Sample Name: K1837-09 Acquired: 3/12/2019 19:54:28 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-07-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05536	-.33252	.26434	-.30489	-.04091	556.36	1.1422
Stddev	.00192	.00345	.00433	.00080	.00162	1.58	.0077
%RSD	3.4720	1.0387	1.6378	.26368	3.9605	.28340	.67681

#1	.05597	-.33538	.26071	-.30445	-.04278	554.59	1.1494
#2	.05320	-.32868	.26913	-.30582	-.03996	557.62	1.1430
#3	.05690	-.33350	.26318	-.30441	-.03999	556.86	1.1340

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03054	.07018	34.015	.01238	1.0007	2.4183	383.11
Stddev	.00029	.00078	.319	.00046	.0066	.0015	3.86
%RSD	.93671	1.1166	.93647	3.6831	.65988	.06047	1.0066

#1	.03053	.06927	34.146	.01212	1.0072	2.4198	387.32
#2	.03084	.07061	34.247	.01212	.99403	2.4169	382.25
#3	.03027	.07065	33.652	.01291	1.0009	2.4182	379.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.053	54.157	.56273	-.10818	5.8686	2.1621	2.2451
Stddev	.041	.292	.00164	.00083	.0329	.0016	.0047
%RSD	.29041	.53918	.29149	.76283	.56115	.07538	.20957

#1	14.093	54.397	.56277	-.10895	5.9043	2.1603	2.2449
#2	14.011	54.242	.56434	-.10827	5.8621	2.1629	2.2499
#3	14.054	53.832	.56107	-.10731	5.8393	2.1633	2.2405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.294	-.00995	-.77343	1.1322	1.6036	.05776	F 10.572
Stddev	.100	.00017	.01448	.0093	.0149	.00069	.080
%RSD	.49139	1.6873	1.8721	.82538	.92879	1.1919	.75319

#1	20.361	-.00997	-.76519	1.1404	1.6207	.05845	10.641
#2	20.342	-.00978	-.76495	1.1220	1.5933	.05774	10.590
#3	20.180	-.01012	-.79015	1.1341	1.5968	.05707	10.485

Sample Name: K1837-09 Acquired: 3/12/2019 19:54:28 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MR-MH-07-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11620	F 18.51	.01965	<.00000	F<.00000
Stddev	.00102	.07	.00285	.05396	17.470
%RSD	.88185	.3560	14.514	.60374	.32548
#1	.11718	18.56	.01715	-8.8776	-5386.8
#2	.11629	18.53	.02276	-8.9511	-5352.7
#3	.11514	18.44	.01904	-8.9828	-5363.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5940.6	61001.	9100.4	31.209	3045.9
Stddev	10.4	142.	81.9	2.862	9.4
%RSD	.17559	.23347	.90014	9.1708	.30881
#1	5931.9	60837.	9010.2	28.050	3042.8
#2	5937.7	61065.	9120.8	33.630	3038.3
#3	5952.2	61100.	9170.2	31.948	3056.4

Sample Name: K1837-11 Acquired: 3/12/2019 19:59:02 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-06-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04862	-.29683	.39662	-.31878	-.04506	587.28	1.9170
Stddev	.00233	.00309	.00494	.00432	.00087	.74	.0128
%RSD	4.7890	1.0404	1.2458	1.3560	1.9344	.12647	.66888

#1	-.04975	-.29343	.39645	-.31734	-.04530	586.47	1.9245
#2	-.04595	-.29945	.39177	-.31536	-.04579	587.44	1.9243
#3	-.05018	-.29761	.40165	-.32363	-.04410	587.93	1.9022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03559	.05518	11.372	.26047	.78157	1.8272	445.87
Stddev	.00035	.00086	.063	.00103	.00094	.0023	5.61
%RSD	.97067	1.5675	.55766	.39527	.12009	.12341	1.2590

#1	.03545	.05422	11.328	.25946	.78049	1.8293	450.54
#2	.03533	.05542	11.445	.26043	.78220	1.8248	447.44
#3	.03598	.05590	11.344	.26152	.78202	1.8274	439.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.994	40.990	.82060	-.11872	5.0041	2.2333	1.3498
Stddev	.012	.149	.00067	.00163	.0249	.0037	.0008
%RSD	.10684	.36470	.08150	1.3691	.49728	.16534	.05977

#1	11.005	40.946	.82017	-.11770	5.0266	2.2328	1.3492
#2	10.981	41.157	.82026	-.11787	5.0083	2.2372	1.3507
#3	10.995	40.867	.82137	-.12060	4.9774	2.2298	1.3495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.745	-.00573	-.84628	5.4149	1.7809	.05617	F 11.442
Stddev	.103	.00035	.01943	.0290	.0072	.00274	.050
%RSD	.80743	6.1246	2.2965	.53529	.40620	4.8776	.44013

#1	12.761	-.00538	-.84483	5.4459	1.7848	.05312	11.459
#2	12.840	-.00574	-.82761	5.4101	1.7853	.05843	11.481
#3	12.636	-.00608	-.86640	5.3886	1.7726	.05697	11.385

Sample Name: K1837-11 Acquired: 3/12/2019 19:59:02 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MR-MH-06-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08099	F 13.80	-.32061	<.00000	F<.00000
Stddev	.00179	.04	.00614	.20583	15.152
%RSD	2.2150	.2633	1.9148	3.5394	.28949

#1	.07896	13.81	-.32623	-5.5916	-5217.3
#2	.08236	13.82	-.32155	-5.8578	-5246.7
#3	.08165	13.75	-.31406	-5.9966	-5238.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5170.3	52745.	7839.5	30.699	3125.0
Stddev	5.2	87.	58.9	1.438	6.0
%RSD	.10040	.16576	.75138	4.6841	.19130

#1	5165.3	52644.	7792.9	29.095	3124.2
#2	5170.0	52799.	7820.0	31.871	3119.5
#3	5175.7	52792.	7905.8	31.133	3131.4

Sample Name: K1837-13 Acquired: 3/12/2019 20:03:34 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MR-MH-05-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00799	-.33062	.22419	-.33727	-.04749	563.11	1.8313
Stddev	.00174	.00037	.00243	.00670	.00371	1.98	.0222
%RSD	21.799	.11187	1.0840	1.9853	7.8097	.35249	1.2114

#1	-.00804	-.33025	.22145	-.33807	-.04821	561.10	1.8364
#2	-.00623	-.33062	.22608	-.34353	-.04347	565.07	1.8070
#3	-.00971	-.33099	.22504	-.33021	-.05078	563.14	1.8505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03918	.06625	19.999	.13628	.91686	1.9847	439.89
Stddev	.00015	.00092	.234	.00040	.00417	.0050	3.64
%RSD	.38049	1.3960	1.1706	.29306	.45480	.25462	.82850

#1	.03919	.06613	20.037	.13637	.91589	1.9880	441.33
#2	.03933	.06723	19.748	.13663	.92143	1.9873	435.74
#3	.03903	.06539	20.212	.13585	.91326	1.9789	442.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.893	37.396	.53301	-.12694	1.7689	2.2389	1.4269
Stddev	.146	.358	.00365	.00073	.0208	.0015	.0016
%RSD	1.0494	.95612	.68511	.57386	1.1764	.06730	.10977

#1	13.745	37.548	.53500	-.12759	1.7830	2.2384	1.4286
#2	14.036	36.987	.53523	-.12708	1.7450	2.2406	1.4267
#3	13.898	37.652	.52880	-.12616	1.7788	2.2378	1.4255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.128	-.00869	-.90841	1.7037	1.9083	.06065	F 11.839
Stddev	.137	.00028	.00857	.0552	.0338	.00057	.144
%RSD	1.0452	3.1897	.94356	3.2394	1.7741	.94019	1.2145

#1	13.190	-.00838	-.91790	1.7324	1.9204	.06131	11.876
#2	12.971	-.00880	-.90612	1.6401	1.8700	.06032	11.680
#3	13.223	-.00890	-.90122	1.7387	1.9344	.06032	11.961

Sample Name: K1837-13 Acquired: 3/12/2019 20:03:34 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MR-MH-05-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09912	F 15.78	-.26079	<.00000	F<.00000
Stddev	.00058	.02	.00182	.36199	16.465
%RSD	.58983	.0957	.69717	4.8693	.28876
#1	.09979	15.77	-.26203	-7.1642	-5711.9
#2	.09886	15.80	-.25870	-7.2927	-5682.9
#3	.09871	15.77	-.26163	-7.8455	-5710.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5457.5	55404.	8235.8	31.068	3095.5
Stddev	6.8	236.	76.5	1.176	2.1
%RSD	.12491	.42685	.92926	3.7843	.06647
#1	5452.4	55468.	8189.2	32.408	3093.7
#2	5454.9	55142.	8324.2	30.209	3097.7
#3	5465.3	55601.	8194.1	30.588	3095.1

Sample Name: CCV09 Acquired: 3/12/2019 20:08:06 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14665 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2444	5.1673	5.2106	5.1997	5.2606	10.462	9.6301	.26312
Stddev	.0100	.0118	.0048	.0053	.0058	.035	.0512	.00045
%RSD	.19150	.22765	.09227	.10213	.11030	.33281	.53119	.17001
#1	5.2545	5.1537	5.2104	5.2040	5.2673	10.431	9.6194	.26335
#2	5.2444	5.1738	5.2059	5.1937	5.2567	10.456	9.6858	.26341
#3	5.2344	5.1743	5.2155	5.2012	5.2578	10.500	9.5851	.26261
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5218	24.729	1.0713	2.6213	1.2726	5.0194	2.6375	24.472
Stddev	.0009	.129	.0028	.0030	.0016	.0315	.0063	.082
%RSD	.03589	.52191	.26102	.11334	.12435	.62777	.23950	.33329
#1	2.5212	24.623	1.0724	2.6234	1.2711	5.0270	2.6332	24.395
#2	2.5213	24.873	1.0734	2.6179	1.2723	5.0464	2.6447	24.557
#3	2.5228	24.691	1.0681	2.6227	1.2743	4.9848	2.6345	24.465
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4711	1.3698	24.365	2.5549	2.6635	25.985	4.9570	4.5900
Stddev	.0026	.0020	.104	.0060	.0009	.189	.0069	.0070
%RSD	.10592	.14574	.42686	.23446	.03257	.72752	.13826	.15155
#1	2.4681	1.3704	24.410	2.5567	2.6625	25.899	4.9637	4.5891
#2	2.4720	1.3714	24.439	2.5598	2.6639	26.202	4.9500	4.5974
#3	2.4731	1.3675	24.246	2.5482	2.6641	25.854	4.9575	4.5836
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9827	4.9516	4.7618	5.0848	F 4.4857	5.081	5.1055	5.2772
Stddev	.0362	.0363	.0121	.0135	.0146	.024	.0225	.0603
%RSD	.72550	.73332	.25473	.26549	.32625	.4725	.44123	1.1432
#1	4.9465	4.9596	4.7548	5.0779	4.4800	5.059	5.0996	5.3278
#2	4.9827	4.9832	4.7547	5.1004	4.5023	5.107	5.1303	5.2104
#3	5.0188	4.9119	4.7758	5.0762	4.4747	5.079	5.0864	5.2933

Sample Name: CCV09 Acquired: 3/12/2019 20:08:06 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14665 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .69181
Stddev	1.0591
%RSD	153.09

#1	-.51598
#2	1.1294
#3	1.4620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3836.2	39843.	5380.7	30.087	3674.0
Stddev	1.7	167.	41.3	.076	.6
%RSD	.04337	.41795	.76799	.25296	.01749

#1	3835.9	39931.	5376.6	30.065	3674.4
#2	3838.0	39651.	5341.6	30.171	3673.2
#3	3834.7	39948.	5424.0	30.024	3674.2

Sample Name: CCB09 Acquired: 3/12/2019 20:12:06 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14665 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	-.00014	.00115	-.00170	-.00192	-.00481	-.00390
Stddev	.00332	.00045	.00017	.00291	.00112	.00558	.00606
%RSD	105.48	316.48	15.098	171.03	58.092	115.94	155.45

#1	.00069	-.00059	.00101	-.00431	-.00064	-.01016	.00186
#2	-.00502	.00032	.00134	-.00224	-.00268	-.00525	-.00333
#3	-.00512	-.00016	.00110	.00144	-.00244	.00097	-.01023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00003	-.00602	-.00044	-.00005	-.00095	.00031
Stddev	.00003	.00003	.01509	.00034	.00022	.00021	.00108
%RSD	308.06	89.242	250.83	77.198	466.16	21.869	350.80

#1	.00003	-.00004	.01131	-.00074	-.00009	-.00115	.00151
#2	-.00003	-.00004	-.01629	-.00050	.00019	-.00073	-.00001
#3	-.00003	.00000	-.01307	-.00007	-.00025	-.00097	-.00058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03515	.00026	.00136	-.33011	-.00062	-.00009
Stddev	.00006	.00582	.00010	.00044	.00732	.00026	.00009
%RSD	146.91	16.548	37.536	32.484	2.2179	42.433	94.218

#1	.00012	.03717	.00025	.00184	-.33782	-.00032	-.00003
#2	.00001	.03968	.00036	.00096	-.32324	-.00073	-.00019
#3	.00000	.02859	.00017	.00128	-.32927	-.00081	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21376	.00017	.01024	F -.02612	.00513	-.00139	-.00102
Stddev	.02928	.00012	.00583	.01084	.00241	.00042	.00223
%RSD	13.696	71.597	56.886	41.490	47.013	30.232	219.14

#1	.20102	.00018	.01681	-.01363	.00753	-.00132	-.00340
#2	.19300	.00029	.00570	-.03306	.00516	-.00184	.00101
#3	.24724	.00005	.00822	-.03166	.00271	-.00101	-.00065

Sample Name: CCB09 Acquired: 3/12/2019 20:12:06 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14665 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01577	-.0032	.00010	F 4.2424	F .10559
Stddev	.00222	.0014	.00003	.1236	1.6538
%RSD	14.047	42.85	26.657	2.9134	1566.2
#1	-.01534	-.0035	.00007	4.3079	-1.0302
#2	-.01817	-.0017	.00013	4.0998	-.65610
#3	-.01381	-.0044	.00011	4.3194	2.0030
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.6	41827.	5303.0	31.628	4104.4
Stddev	4.2	195.	230.2	2.495	.5
%RSD	.10643	.46724	4.3414	7.8882	.01111
#1	3982.3	41635.	5037.2	28.750	4104.9
#2	3975.8	42026.	5434.0	32.957	4104.1
#3	3983.7	41819.	5437.9	33.177	4104.0

Sample Name: K1812-01 Acquired: 3/12/2019 20:16:35 Type: Unk
Method: P4-ICP2(v2936) 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	-.00295	-.00154	.03973	.00083	-.00238	.98489	.01373
Stddev	.00167	.00231	.00030	.00238	.00062	.00284	.00082
%RSD	56.714	149.94	.74449	286.72	25.984	.28849	5.9657

#1	-.00365	-.00146	.03939	-.00076	-.00279	.98599	.01279
#2	-.00415	-.00388	.03991	.00357	-.00269	.98167	.01410
#3	-.00104	.00073	.03989	-.00032	-.00167	.98703	.01430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00065	87.205	.00142	.00181	.01715	11.739
Stddev	.00003	.00004	.738	.00053	.00041	.00044	.091
%RSD	64.543	6.1569	.84677	36.873	22.809	2.5511	.77560

#1	.00008	-.00069	86.574	.00179	.00143	.01719	11.767
#2	.00007	-.00064	87.023	.00082	.00225	.01757	11.637
#3	.00001	-.00061	88.017	.00166	.00175	.01669	11.812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41105	5.7580	.00356	-.00014	310.19	.00256	.50643
Stddev	.00038	.0343	.00063	.00049	.75	.00028	.00011
%RSD	.09226	.59574	17.767	355.34	.24238	11.089	.02182

#1	.41075	5.7238	.00384	-.00043	309.86	.00247	.50655
#2	.41148	5.7924	.00399	.00042	311.05	.00233	.50633
#3	.41092	5.7577	.00283	-.00041	309.66	.00288	.50642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0622	.00223	.03320	2.5954	7.7660	-.00190	.03148
Stddev	.0062	.00051	.00648	.0129	.0382	.00061	.00198
%RSD	.08703	22.937	19.526	.49861	.49241	31.872	6.2780

#1	7.0604	.00275	.03876	2.5804	7.7766	-.00259	.02959
#2	7.0571	.00220	.02608	2.6027	7.7236	-.00162	.03133
#3	7.0690	.00173	.03476	2.6030	7.7978	-.00148	.03353

Sample Name: K1812-01 Acquired: 3/12/2019 20:16:35 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	1.140	.35848	5.6624	F<.00000
Stddev	.00256	.003	.00302	.1193	1.1890
%RSD	177.86	.2281	.84351	2.1068	4.9700

#1	.00136	1.137	.35662	5.5293	-22.809
#2	-.00202	1.142	.35685	5.6982	-23.787
#3	-.00365	1.142	.36197	5.7596	-25.175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3706.3	38015.	5330.1	31.528	3533.5
Stddev	10.9	129.	32.7	.589	12.8
%RSD	.29377	.33984	.61433	1.8666	.36343

#1	3694.5	38153.	5321.7	32.207	3530.0
#2	3708.5	37996.	5366.2	31.224	3547.7
#3	3716.0	37897.	5302.4	31.155	3522.8

Sample Name: K1812-01DUP Acquired: 3/12/2019 20:21:06 Type: Unk
Method: P4-ICP2(v2936) 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	-.00272	-.00293	.04039	.00121	-.00353	.95685	.01009
Stddev	.00333	.00033	.00123	.00114	.00107	.01436	.00043
%RSD	122.35	11.165	3.0464	93.977	30.409	1.5012	4.2716

#1	-.00056	-.00287	.03981	.00112	-.00230	.96400	.01033
#2	-.00656	-.00328	.03955	.00239	-.00407	.96623	.00960
#3	-.00105	-.00263	.04180	.00012	-.00424	.94031	.01035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00057	86.584	.00095	.00158	.01678	11.562
Stddev	.00011	.00009	.440	.00034	.00022	.00047	.079
%RSD	117.46	15.033	.50810	35.221	13.912	2.8247	.68284

#1	-.00003	-.00055	86.102	.00085	.00135	.01703	11.474
#2	.00015	-.00049	86.687	.00133	.00179	.01708	11.625
#3	.00018	-.00066	86.963	.00068	.00161	.01624	11.589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40514	5.6705	.00336	.00015	306.03	.00266	.49974
Stddev	.00109	.0069	.00061	.00013	.69	.00036	.00204
%RSD	.26872	.12223	18.193	89.987	.22669	13.398	.40831

#1	.40392	5.6734	.00319	-.00000	306.04	.00287	.50137
#2	.40601	5.6755	.00286	.00024	305.32	.00225	.50039
#3	.40548	5.6626	.00404	.00020	306.71	.00286	.49745

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0927	.00208	.03011	2.5796	7.6590	-.00156	.03178
Stddev	.0359	.00027	.00873	.0237	.0552	.00035	.00144
%RSD	.50597	12.890	28.997	.91701	.72069	22.189	4.5290

#1	7.1247	.00180	.03736	2.5585	7.5968	-.00117	.03340
#2	7.0994	.00209	.03256	2.5751	7.7022	-.00182	.03129
#3	7.0539	.00234	.02042	2.6052	7.6780	-.00169	.03064

Sample Name: K1812-01DUP Acquired: 3/12/2019 20:21:06 Type: Unk
Method: P4-ICP2(v2936) 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	-.00181	1.122	.35744	5.5445	F<.00000
Stddev	.00148	.002	.00073	.0235	1.6133
%RSD	81.514	.1418	.20349	.42349	6.3794
#1	-.00217	1.123	.35673	5.5339	-25.219
#2	-.00019	1.123	.35741	5.5714	-23.711
#3	-.00308	1.120	.35818	5.5282	-26.935
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.5	38106.	5327.1	31.078	3514.9
Stddev	1.5	91.	20.2	1.148	10.0
%RSD	.04007	.23992	.37920	3.6935	.28564
#1	3699.1	38001.	5349.5	29.832	3526.1
#2	3697.1	38157.	5310.4	32.093	3506.7
#3	3696.2	38161.	5321.4	31.308	3512.0

Sample Name: K1812-01LX5 Acquired: 3/12/2019 20:25:37 Type: Unk
Method: P4-ICP2(v2936) 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	-.00195	.00034	.00807	-.00127	-.00205	.19176	-.03551
Stddev	.00171	.00107	.00134	.00243	.00125	.01745	.00251
%RSD	87.360	316.78	16.608	191.71	60.928	9.0998	7.0659

#1	-.00073	.00066	.00944	.00127	-.00337	.18718	-.03650
#2	-.00123	.00121	.00799	-.00150	-.00188	.17706	-.03266
#3	-.00390	-.00086	.00676	-.00357	-.00089	.21104	-.03737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00023	17.921	.00002	.00016	.00284	2.5076
Stddev	.00008	.00004	.144	.00037	.00016	.00009	.0209
%RSD	83.841	16.252	.80095	1608.7	97.795	3.1776	.83455

#1	.00017	-.00020	17.775	.00001	-.00002	.00276	2.4941
#2	.00002	-.00028	18.062	-.00034	.00024	.00283	2.5317
#3	.00009	-.00022	17.928	.00040	.00026	.00294	2.4969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08456	1.1646	.00058	.00078	61.621	.00060	.09485
Stddev	.00022	.0227	.00017	.00065	.450	.00042	.00015
%RSD	.25914	1.9530	28.454	83.633	.73055	70.282	.16242

#1	.08450	1.1551	.00050	.00079	61.249	.00097	.09484
#2	.08438	1.1905	.00047	.00143	62.122	.00068	.09471
#3	.08481	1.1481	.00077	.00012	61.493	.00014	.09501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0679	.00028	.00502	.45632	1.5871	-.00252	.00592
Stddev	.0526	.00009	.00316	.01738	.0197	.00084	.00241
%RSD	2.5424	32.892	62.990	3.8083	1.2419	33.408	40.754

#1	2.0828	.00037	.00544	.46271	1.5752	-.00293	.00606
#2	2.1114	.00029	.00167	.46960	1.6099	-.00307	.00826
#3	2.0095	.00019	.00796	.43665	1.5763	-.00155	.00344

Sample Name: K1812-01LX5 Acquired: 3/12/2019 20:25:37 Type: Unk
 Method: P4-ICP2(v2936) 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	-.00299	.2090	.07336	5.0112	F<.00000
Stddev	.00250	.0029	.00035	.0939	.10557
%RSD	83.624	1.384	.48151	1.8729	9.4207
#1	-.00172	.2092	.07296	5.0387	-1.2383
#2	-.00586	.2060	.07353	4.9067	-1.0344
#3	-.00137	.2118	.07361	5.0882	-1.0890
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.6	39700.	5338.1	31.617	3804.3
Stddev	4.4	192.	52.5	2.420	7.7
%RSD	.11463	.48339	.98281	7.6554	.20247
#1	3841.7	39692.	5342.3	31.465	3797.6
#2	3847.8	39896.	5283.6	29.275	3812.7
#3	3850.2	39512.	5388.3	34.109	3802.5

Sample Name: K1812-01MS Acquired: 3/12/2019 20:30:00 Type: Unk
Method: P4-ICP2(v2936) 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	.99322	2.3692	1.2566	2.4799	.90556	3.5307	.23267
Stddev	.00030	.0061	.0018	.0082	.00390	.0552	.00167
%RSD	.03005	.25686	.14190	.33154	.43074	1.5635	.71944

#1	.99309	2.3635	1.2564	2.4861	.90820	3.5842	.23459
#2	.99356	2.3757	1.2585	2.4830	.90740	3.5339	.23187
#3	.99300	2.3685	1.2549	2.4706	.90108	3.4739	.23154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26325	.23570	88.098	.51692	.25126	.38283	14.956
Stddev	.00063	.00032	1.172	.00143	.00074	.00210	.227
%RSD	.23783	.13595	1.3302	.27582	.29497	.54865	1.5164

#1	.26300	.23537	86.776	.51833	.25073	.38461	14.699
#2	.26279	.23572	88.511	.51548	.25210	.38337	15.037
#3	.26396	.23601	89.008	.51697	.25094	.38051	15.130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64728	8.0470	.59286	.09499	305.20	.35441	.75573
Stddev	.00127	.0305	.00082	.00139	5.79	.00093	.00100
%RSD	.19647	.37920	.13801	1.4657	1.8983	.26168	.13236

#1	.64770	8.0630	.59380	.09426	299.85	.35474	.75479
#2	.64585	8.0118	.59244	.09660	304.38	.35336	.75562
#3	.64829	8.0661	.59232	.09412	311.35	.35512	.75678

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.929	.44122	.36323	2.5110	8.8997	.72132	.25456
Stddev	.232	.00151	.01346	.0167	.1244	.00086	.00260
%RSD	1.2932	.34229	3.7069	.66574	1.3978	.11893	1.0200

#1	17.663	.44191	.36202	2.5061	8.7605	.72077	.25160
#2	18.087	.44226	.37726	2.5296	8.9383	.72089	.25565
#3	18.038	.43948	.35041	2.4972	9.0001	.72231	.25643

Sample Name: K1812-01MS Acquired: 3/12/2019 20:30:00 Type: Unk
 Method: P4-ICP2(v2936) 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	.21158	8.392	.58637	6.0539	F<.00000
Stddev	.00182	.019	.00688	.0691	2.2480
%RSD	.85809	.2256	1.1734	1.1414	5.0131
#1	.21075	8.370	.57847	6.0529	-44.154
#2	.21366	8.405	.59107	6.1234	-47.353
#3	.21033	8.400	.58957	5.9852	-43.018
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.6	37866.	5230.2	30.525	3505.0
Stddev	12.6	83.	74.5	1.061	.9
%RSD	.33846	.21848	1.4239	3.4750	.02562
#1	3699.5	37908.	5315.6	31.620	3504.5
#2	3710.5	37771.	5195.9	29.502	3506.1
#3	3724.6	37920.	5179.0	30.453	3504.6

Sample Name: K1812-01MSD Acquired: 3/12/2019 20:34:15 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV5004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98318	2.3761	1.2580	2.4778	.90881	3.5478	.23513
Stddev	.00430	.0042	.0032	.0099	.00505	.0251	.00547
%RSD	.43771	.17518	.25380	.40065	.55518	.70880	2.3261

#1	.98698	2.3715	1.2550	2.4872	.90969	3.5768	.23710
#2	.98405	2.3771	1.2577	2.4789	.91337	3.5317	.23934
#3	.97850	2.3797	1.2613	2.4674	.90339	3.5350	.22895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26191	.23653	87.618	.51185	.25168	.38110	14.794
Stddev	.00074	.00146	1.150	.00063	.00099	.00280	.155
%RSD	.28200	.61779	1.3127	.12233	.39499	.73564	1.0484

#1	.26138	.23582	86.459	.51153	.25121	.38427	14.663
#2	.26275	.23556	88.759	.51145	.25101	.38009	14.965
#3	.26160	.23821	87.636	.51257	.25282	.37895	14.753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64538	8.0234	.59349	.09350	303.95	.35275	.75744
Stddev	.00188	.1154	.00203	.00048	4.88	.00017	.00382
%RSD	.29098	1.4379	.34191	.51590	1.6055	.04849	.50371

#1	.64472	8.0024	.59184	.09379	302.70	.35271	.75515
#2	.64750	8.1479	.59287	.09294	309.34	.35261	.75532
#3	.64392	7.9200	.59576	.09376	299.82	.35294	.76184

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.914	.44188	.35346	2.5191	8.8355	.72332	.25107
Stddev	.129	.00144	.00523	.0264	.0749	.00098	.00144
%RSD	.71885	.32475	1.4807	1.0478	.84714	.13538	.57439

#1	17.775	.44231	.35359	2.4994	8.7843	.72237	.24977
#2	18.030	.44305	.34816	2.5088	8.9214	.72326	.25082
#3	17.936	.44028	.35862	2.5491	8.8008	.72432	.25262

Sample Name: K1812-01MSD Acquired: 3/12/2019 20:34:15 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV5004 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20999	8.406	.58202	5.9915	F<.00000
Stddev	.00058	.047	.00743	.0693	1.8703
%RSD	.27437	.5586	1.2760	1.1560	4.1481
#1	.21039	8.373	.57461	5.9310	-44.878
#2	.20933	8.385	.58946	6.0670	-43.332
#3	.21025	8.460	.58198	5.9764	-47.055
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.5	37864.	5254.4	31.237	3484.9
Stddev	14.7	175.	59.6	1.211	16.0
%RSD	.39700	.46095	1.1341	3.8761	.45836
#1	3688.3	37934.	5298.2	31.302	3497.4
#2	3704.5	37666.	5186.6	29.996	3490.4
#3	3717.6	37993.	5278.6	32.415	3466.9

Sample Name: K1812-01A Acquired: 3/12/2019 20:38:31 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB5004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98641	2.3659	1.2498	2.4680	.92283	3.5518	.23889
Stddev	.00201	.0158	.0113	.0059	.00185	.0210	.00799
%RSD	.20415	.66685	.90624	.23916	.20040	.59269	3.3437

#1	.98445	2.3593	1.2398	2.4634	.92077	3.5740	.24808
#2	.98631	2.3839	1.2621	2.4659	.92435	3.5321	.23505
#3	.98848	2.3545	1.2475	2.4746	.92337	3.5492	.23356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25952	.23470	89.070	.50905	.24959	.38116	14.917
Stddev	.00084	.00191	.418	.00209	.00229	.00107	.052
%RSD	.32463	.81462	.46969	.41117	.91636	.28073	.35165

#1	.26046	.23352	88.692	.51138	.24804	.38052	14.889
#2	.25928	.23690	88.999	.50734	.25222	.38056	14.885
#3	.25882	.23366	89.520	.50843	.24852	.38239	14.977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64872	8.0414	.59095	.09358	308.58	.35218	.76940
Stddev	.00164	.0295	.00465	.00021	2.87	.00150	.00736
%RSD	.25294	.36691	.78718	.22095	.93010	.42703	.95617

#1	.65061	8.0668	.58757	.09359	305.81	.35155	.76531
#2	.64791	8.0090	.59625	.09377	308.40	.35390	.77790
#3	.64765	8.0484	.58902	.09336	311.54	.35111	.76501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.985	.44845	.35373	2.5372	8.8927	.73225	.25435
Stddev	.145	.00131	.00751	.0145	.0403	.00482	.00330
%RSD	.80472	.29234	2.1229	.57211	.45297	.65887	1.2964

#1	17.937	.44706	.35650	2.5507	8.8738	.72742	.25462
#2	17.870	.44864	.34523	2.5392	8.8652	.73707	.25092
#3	18.147	.44966	.35945	2.5219	8.9389	.73228	.25750

Sample Name: K1812-01A Acquired: 3/12/2019 20:38:31 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB5004 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20797	8.407	.58666	6.1166	F<.00000
Stddev	.00227	.051	.00458	.0272	.67450
%RSD	1.0895	.6012	.78041	.44537	1.4921
#1	.21053	8.374	.58231	6.1068	-45.373
#2	.20622	8.465	.58624	6.0956	-44.463
#3	.20715	8.382	.59144	6.1474	-45.780
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.2	37614.	5233.8	30.764	3472.3
Stddev	6.7	25.	27.4	1.981	30.8
%RSD	.18237	.06748	.52388	6.4386	.88562
#1	3686.3	37596.	5255.0	29.430	3484.0
#2	3673.6	37643.	5243.6	33.040	3437.4
#3	3683.6	37604.	5202.9	29.822	3495.5

Sample Name: K1812-02 Acquired: 3/12/2019 20:42:44 Type: Unk
Method: P4-ICP2(v2936) 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	-.00241	-.00399	.06549	.00229	-.00016	1.8556	.03206
Stddev	.00125	.00120	.00123	.00445	.00178	.0034	.00137
%RSD	51.750	30.123	1.8734	194.75	1097.4	.18531	4.2787

#1	-.00218	-.00343	.06409	.00157	-.00195	1.8519	.03057
#2	-.00129	-.00316	.06635	.00706	-.00015	1.8563	.03234
#3	-.00375	-.00536	.06604	-.00176	.00162	1.8587	.03326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00069	88.361	.00584	.00260	.03467	13.588
Stddev	.00008	.00006	.167	.00040	.00028	.00033	.040
%RSD	77.444	8.6212	.18955	6.7880	10.892	.95108	.29255

#1	.00020	-.00069	88.448	.00577	.00290	.03486	13.627
#2	.00008	-.00063	88.168	.00548	.00234	.03487	13.587
#3	.00004	-.00075	88.467	.00627	.00254	.03429	13.548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42126	6.9953	.00631	-.00050	298.39	.00475	.64665
Stddev	.00039	.0651	.00015	.00051	.57	.00074	.00170
%RSD	.09198	.93094	2.4373	102.08	.18990	15.630	.26249

#1	.42101	6.9844	.00614	-.00103	299.00	.00427	.64471
#2	.42107	6.9363	.00634	-.00043	298.27	.00561	.64789
#3	.42171	7.0652	.00645	-.00003	297.89	.00438	.64734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1604	.00232	.03501	2.8606	8.5490	-.00085	.06802
Stddev	.0413	.00018	.00440	.0432	.0413	.00042	.00258
%RSD	.57695	7.6123	12.576	1.5084	.48333	49.724	3.8002

#1	7.1155	.00243	.03993	2.8122	8.5873	-.00131	.06533
#2	7.1688	.00211	.03144	2.8950	8.5052	-.00074	.07048
#3	7.1969	.00241	.03366	2.8746	8.5547	-.00049	.06825

Sample Name: K1812-02 Acquired: 3/12/2019 20:42:44 Type: Unk
Method: P4-ICP2(v2936) 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	-.00035	1.381	.35290	5.4932	F<.00000
Stddev	.00071	.010	.00098	.1182	.27084
%RSD	201.57	.6998	.27672	2.1521	.93433

#1	.00014	1.375	.35397	5.4215	-29.274
#2	-.00117	1.392	.35205	5.6297	-28.953
#3	-.00003	1.375	.35267	5.4285	-28.736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.7	38046.	5273.7	31.349	3517.3
Stddev	8.5	78.	.4	.171	13.6
%RSD	.22816	.20495	.00760	.54583	.38531

#1	3737.7	38100.	5274.0	31.465	3530.7
#2	3720.8	37956.	5273.8	31.430	3503.6
#3	3727.6	38080.	5273.2	31.153	3517.6

Sample Name: K1820-01 Acquired: 3/12/2019 20:47:14 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	.00148	.11912	.00164	-.00408	.01032	-.04195	.00004
Stddev	.00135	.00200	.00147	.00144	.00119	.00797	.00303	.00004
%RSD	40.248	135.33	1.2368	87.657	29.147	77.170	7.2168	104.95
#1	-.00203	.00138	.11885	.00137	-.00273	.01920	-.04540	.00000
#2	-.00332	-.00047	.11779	.00036	-.00499	.00379	-.03971	.00003
#3	-.00473	.00352	.12070	.00320	-.00453	.00798	-.04075	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.06207	.00015	.00025	.02012	.01360	.00192	-.00047
Stddev	.00004	.00926	.00036	.00013	.00045	.00084	.00005	.01886
%RSD	6.9902	14.917	235.79	52.931	2.2281	6.1858	2.4710	3973.8
#1	.00053	.06537	-.00001	.00010	.02062	.01390	.00189	.02117
#2	.00060	.06924	-.00010	.00031	.02002	.01265	.00197	-.00916
#3	.00059	.05162	.00056	.00034	.01974	.01424	.00189	-.01343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04210	.00140	-.13700	-.00085	.06743	.14787	.00004	.00034
Stddev	.00020	.00009	.02005	.00007	.00010	.04002	.00016	.00193
%RSD	.48395	6.1885	14.638	8.5982	.15332	27.064	389.37	574.01
#1	.04195	.00148	-.14001	-.00081	.06731	.11842	-.00008	.00237
#2	.04233	.00140	-.15538	-.00081	.06745	.19343	.00023	.00011
#3	.04201	.00131	-.11561	-.00094	.06751	.13176	-.00002	-.00147
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02813	.04131	-.00392	.00124	-.02114	-.0007	.00039	3.8112
Stddev	.02019	.00056	.00032	.00285	.00335	.0007	.00006	.0614
%RSD	71.780	1.3603	8.1116	230.71	15.867	97.81	16.359	1.6115
#1	-.00925	.04189	-.00379	.00251	-.02500	.0001	.00033	3.7588
#2	-.04942	.04125	-.00368	-.00203	-.01900	-.0010	.00045	3.8788
#3	-.02572	.04078	-.00428	.00323	-.01941	-.0012	.00039	3.7960

Sample Name: K1820-01 Acquired: 3/12/2019 20:47:14 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8011 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .77558
 Stddev .73521
 %RSD 94.795

#1 1.5001
 #2 .03013
 #3 .79651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4063.1	42470.	5425.6	32.792	4195.5
Stddev	10.1	119.	26.7	1.353	7.1
%RSD	.24944	.27991	.49266	4.1261	.16809

#1	4068.6	42534.	5406.7	31.530	4201.3
#2	4069.3	42332.	5413.9	32.627	4197.6
#3	4051.4	42543.	5456.2	34.220	4187.7

Sample Name: K1820-02 Acquired: 3/12/2019 20:51:40 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	.00008	.27875	.00120	-.00380	.02265	-.04406	.00001
Stddev	.00104	.00135	.00243	.00244	.00207	.01062	.00055	.00003
%RSD	43.056	1630.4	.87113	203.66	54.544	46.883	1.2393	563.98

#1	-.00253	.00160	.27809	.00249	-.00340	.01104	-.04467	-.00001
#2	-.00133	-.00037	.28144	.00273	-.00603	.03187	-.04389	.00004
#3	-.00341	-.00098	.27672	-.00162	-.00195	.02503	-.04361	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	.13374	.00157	.00021	.03816	.20569	.00554	-.01318
Stddev	.00007	.00854	.00042	.00006	.00047	.00311	.00006	.07196
%RSD	8.5523	6.3847	26.831	28.994	1.2291	1.5122	1.0345	545.97

#1	.00089	.14259	.00138	.00027	.03821	.20928	.00558	-.08943
#2	.00077	.13309	.00205	.00015	.03767	.20386	.00557	-.00364
#3	.00077	.12554	.00127	.00021	.03860	.20393	.00547	.05353

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07661	.00060	-.15707	-.00050	.10370	.14487	.00012	.18574
Stddev	.00060	.00068	.00712	.00022	.00048	.03553	.00018	.00437
%RSD	.78209	114.94	4.5317	43.959	.46561	24.524	142.09	2.3551

#1	.07691	.00043	-.15056	-.00069	.10331	.11503	.00001	.18820
#2	.07592	.00135	-.16467	-.00055	.10424	.18417	.00033	.18069
#3	.07700	.00001	-.15598	-.00026	.10354	.13541	.00004	.18833

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02073	3.8475	-.00483	.00008	-.01851	.0004	.00025	3.6592
Stddev	.00986	.0193	.00047	.00094	.00089	.0002	.00008	.1687
%RSD	47.563	.50298	9.6855	1227.5	4.8303	43.27	30.353	4.6100

#1	-.02469	3.8697	-.00455	-.00089	-.01747	.0005	.00025	3.7599
#2	-.02800	3.8382	-.00456	.00013	-.01902	.0002	.00018	3.7532
#3	-.00951	3.8345	-.00536	.00099	-.01902	.0003	.00033	3.4645

Sample Name: K1820-02 Acquired: 3/12/2019 20:51:40 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8011 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.1485
 %RSD 1707.9

#1 -.05298
 #2 1.0741
 #3 -1.2228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.3	42938.	5532.9	33.051	4242.4
Stddev	4.4	161.	51.9	1.645	9.0
%RSD	.10673	.37476	.93770	4.9759	.21170

#1	4076.0	42770.	5477.3	31.775	4235.8
#2	4080.1	42953.	5541.4	32.470	4238.8
#3	4084.7	43091.	5580.0	34.907	4252.6

Sample Name: K1820-03 Acquired: 3/12/2019 20:56:06 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14663 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	-.00086	.19987	-.00092	-.00370	.17728	-.04311	-.00003
Stddev	.00090	.00146	.00084	.00123	.00120	.00263	.00167	.00005
%RSD	32.487	169.46	.42023	134.24	32.443	1.4831	3.8742	162.17

#1	-.00373	-.00016	.20083	-.00211	-.00380	.17785	-.04341	-.00005
#2	-.00194	-.00254	.19928	-.00100	-.00245	.17442	-.04131	-.00006
#3	-.00264	.00011	.19948	.00035	-.00484	.17959	-.04461	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.07098	.00033	.00002	.00407	.08345	.00247	-.01680
Stddev	.00002	.01141	.00034	.00008	.00030	.00234	.00005	.02263
%RSD	34.120	16.069	105.06	416.44	7.2662	2.8040	1.9357	134.68

#1	.00004	.06487	.00072	.00011	.00387	.08366	.00244	-.03138
#2	.00007	.08413	.00018	-.00002	.00394	.08101	.00252	-.02828
#3	.00004	.06393	.00008	-.00003	.00441	.08567	.00244	.00926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02562	.00050	-.25442	-.00035	.04814	.08399	.00019	-.00279
Stddev	.00015	.00002	.00691	.00044	.00025	.02837	.00046	.00894
%RSD	.59359	3.3050	2.7150	126.71	.52616	33.781	238.70	320.78

#1	.02553	.00051	-.25303	-.00039	.04826	.05449	.00070	-.00334
#2	.02554	.00050	-.26191	.00011	.04831	.11109	.00008	-.01143
#3	.02580	.00048	-.24830	-.00077	.04785	.08637	-.00020	.00642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01899	.05956	-.00345	-.00138	-.02231	.0001	.00030	3.4482
Stddev	.00494	.00184	.00081	.00031	.00248	.0007	.00007	.2761
%RSD	26.018	3.0966	23.634	22.202	11.092	810.3	24.693	8.0067

#1	-.01975	.05758	-.00352	-.00102	-.02491	-.0001	.00038	3.5413
#2	-.01372	.06122	-.00260	-.00158	-.02204	.0008	.00029	3.1376
#3	-.02352	.05988	-.00422	-.00153	-.01999	-.0005	.00023	3.6658

Sample Name: K1820-03 Acquired: 3/12/2019 20:56:06 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14663 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.8914
 %RSD 3240.1

#1 -2.2413
 #2 1.0925
 #3 .97369

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4078.4	42955.	5469.7	35.093	4201.4
Stddev	.7	188.	34.4	.010	9.5
%RSD	.01682	.43703	.62838	.02968	.22580

#1	4077.9	42866.	5458.4	35.102	4193.6
#2	4079.2	43170.	5508.3	35.095	4212.0
#3	4078.0	42828.	5442.4	35.082	4198.6

Sample Name: CCV10 Acquired: 3/12/2019 21:00:34 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14663 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1423	5.1757	5.1420	5.1650	5.1847	10.319	9.7378	.26066
Stddev	.0030	.0099	.0089	.0070	.0044	.082	.0273	.00070
%RSD	.05794	.19110	.17330	.13581	.08506	.79639	.27980	.26774
#1	5.1401	5.1838	5.1446	5.1719	5.1832	10.226	9.7479	.26136
#2	5.1411	5.1647	5.1321	5.1579	5.1897	10.351	9.7586	.25996
#3	5.1457	5.1788	5.1494	5.1653	5.1812	10.380	9.7070	.26066
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5074	24.857	1.0699	2.5912	1.2623	5.0105	2.6200	24.496
Stddev	.0078	.087	.0055	.0066	.0011	.0170	.0032	.081
%RSD	.31321	.35115	.51780	.25321	.08617	.33993	.12038	.33164
#1	2.5080	24.767	1.0684	2.5921	1.2633	5.0253	2.6226	24.405
#2	2.4993	24.941	1.0653	2.5842	1.2626	5.0142	2.6165	24.521
#3	2.5150	24.863	1.0760	2.5973	1.2611	4.9919	2.6208	24.562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4772	1.3523	24.744	2.5886	2.6268	26.296	4.9825	4.6455
Stddev	.0080	.0039	.149	.0030	.0038	.115	.0040	.0047
%RSD	.32292	.29136	.60283	.11495	.14573	.43811	.08127	.10031
#1	2.4782	1.3525	24.914	2.5911	2.6267	26.428	4.9871	4.6450
#2	2.4687	1.3482	24.683	2.5853	2.6231	26.244	4.9795	4.6504
#3	2.4846	1.3561	24.635	2.5893	2.6307	26.216	4.9809	4.6411
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9731	4.9626	4.8353	5.0005	F 4.4834	5.079	5.0805	5.1445
Stddev	.0379	.0306	.0182	.0233	.0238	.020	.0090	.1064
%RSD	.76132	.61685	.37736	.46496	.53112	.3851	.17653	2.0688
#1	4.9793	4.9958	4.8427	4.9995	4.5027	5.070	5.0864	5.0244
#2	4.9325	4.9564	4.8145	5.0242	4.4907	5.067	5.0850	5.1821
#3	5.0074	4.9355	4.8487	4.9777	4.4568	5.102	5.0702	5.2270

Sample Name: CCV10 Acquired: 3/12/2019 21:00:34 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14663 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8591
Stddev	.9535
%RSD	24.708

#1	2.7677
#2	4.5303
#3	4.2795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.9	39747.	5292.0	30.222	3670.3
Stddev	13.6	149.	21.5	.768	4.9
%RSD	.35115	.37478	.40643	2.5399	.13466

#1	3862.4	39840.	5268.4	30.722	3665.3
#2	3857.8	39826.	5296.9	29.339	3670.6
#3	3883.3	39575.	5310.6	30.607	3675.2

Sample Name: CCB10 Acquired: 3/12/2019 21:04:34 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117779BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00000	-.00022	.00193	.00040	-.00633	-.00147
Stddev	.00150	.00158	.00042	.00068	.00078	.00338	.00382
%RSD	1221.9	50046.	194.27	35.046	196.46	53.436	260.12

#1	.00047	.00020	.00027	.00115	.00015	-.00879	-.00463
#2	-.00183	.00146	-.00051	.00225	-.00023	-.00247	-.00254
#3	.00099	-.00167	-.00040	.00239	.00127	-.00773	.00277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00006	-.00248	-.00040	.00009	-.00101	-.00199
Stddev	.00001	.00005	.00290	.00020	.00005	.00049	.00134
%RSD	22.412	75.002	116.88	50.609	63.028	48.673	67.187

#1	.00004	-.00001	-.00159	-.00062	.00002	-.00103	-.00230
#2	.00005	-.00010	-.00013	-.00033	.00011	-.00051	-.00314
#3	.00006	-.00007	-.00572	-.00024	.00012	-.00149	-.00052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.02636	.00017	.00057	-.16161	-.00030	-.00024
Stddev	.00003	.05350	.00022	.00019	.01873	.00016	.00009
%RSD	53.772	202.97	129.44	32.256	11.588	54.453	38.114

#1	.00002	.02260	.00014	.00056	-.17454	-.00039	-.00017
#2	.00007	-.01821	.00040	.00040	-.17015	-.00040	-.00020
#3	.00005	-.08346	-.00004	.00077	-.14013	-.00011	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32594	.00023	.00870	F -.01447	.00652	-.00214	-.00226
Stddev	.03958	.00058	.00372	.00779	.00175	.00037	.00092
%RSD	12.144	252.13	42.700	53.841	26.788	17.369	40.648

#1	.32829	.00056	.01297	-.01627	.00636	-.00172	-.00189
#2	.28524	.00057	.00622	-.00594	.00833	-.00225	-.00330
#3	.36430	-.00044	.00691	-.02121	.00485	-.00244	-.00158

Sample Name: CCB10 Acquired: 3/12/2019 21:04:34 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117779BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00962	-0.0019	.00011	F 3.9581	F<.00000
Stddev	.00279	.0007	.00002	.1318	1.1282
%RSD	29.012	37.59	15.400	3.3298	167.19

#1	-0.00744	-0.0014	.00010	3.8731	-1.9750
#2	-0.01277	-0.0028	.00013	4.1099	-.09524
#3	-0.00866	-0.0016	.00011	3.8912	.04580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4033.1	42067.	5364.0	31.105	4117.8
Stddev	8.9	102.	86.7	1.174	9.0
%RSD	.22132	.24267	1.6157	3.7751	.21926

#1	4024.6	42123.	5281.7	29.757	4108.4
#2	4042.4	41949.	5454.4	31.902	4126.4
#3	4032.3	42129.	5355.8	31.657	4118.5

Sample Name: K1844-03 Acquired: 3/12/2019 21:09:03 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00238	.00919	-.00263	-.00275	.18509	.17337	.00006
Stddev	.00597	.00174	.00138	.00218	.00079	.01069	.00608	.00004
%RSD	1163.0	73.378	15.051	82.741	28.746	5.7772	3.5073	61.488

#1	-.00555	-.00343	.00895	-.00498	-.00365	.19737	.17963	.00003
#2	-.00207	-.00036	.00794	-.00068	-.00221	.17789	.17300	.00006
#3	.00608	-.00334	.01068	-.00224	-.00238	.17999	.16749	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	390.18	.00031	-.00014	.00443	.46209	.75201	2.5175
Stddev	.00015	2.78	.00017	.00003	.00056	.00474	.00213	.0357
%RSD	60.811	.71229	56.029	18.124	12.709	1.0248	.28306	1.4161

#1	-.00031	389.56	.00038	-.00014	.00451	.46403	.75366	2.5417
#2	-.00008	393.21	.00044	-.00016	.00495	.46555	.75277	2.5343
#3	-.00036	387.76	.00011	-.00011	.00383	.45669	.74961	2.4766

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.00111	1.6389	-.00131	.04041	1.3279	.00109	.01956
Stddev	.00057	.00113	.0117	.00045	.00039	.0196	.00008	.00772
%RSD	50.136	101.69	.71357	34.378	.96762	1.4727	7.1489	39.457

#1	-.00061	.00012	1.6500	-.00183	.04016	1.3106	.00100	.01759
#2	-.00106	-.00210	1.6402	-.00112	.04021	1.3242	.00114	.01301
#3	-.00175	-.00136	1.6267	-.00099	.04086	1.3491	.00113	.02807

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0049	.30252	-.00135	-.00930	.02634	.0142	.28336	5.4700
Stddev	.0533	.01102	.00080	.00154	.00410	.0003	.00192	.0701
%RSD	5.3064	3.6415	59.236	16.524	15.564	2.245	.67924	1.2808

#1	.94335	.28980	-.00170	-.00825	.02293	.0140	.28428	5.5084
#2	1.0360	.30887	-.00043	-.01106	.02521	.0141	.28464	5.5124
#3	1.0354	.30889	-.00191	-.00859	.03089	.0146	.28114	5.3891

Sample Name: K1844-03 Acquired: 3/12/2019 21:09:03 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8012 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.756
 Stddev .818
 %RSD 4.6051

#1 18.631
 #2 17.625
 #3 17.011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.4	38455.	5220.2	30.350	3607.1
Stddev	1.8	176.	52.8	1.395	37.6
%RSD	.04688	.45706	1.0122	4.5973	1.0411

#1	3736.6	38344.	5206.5	31.641	3650.3
#2	3738.4	38364.	5175.6	28.870	3582.3
#3	3740.1	38658.	5278.6	30.538	3588.7

Sample Name: K1844-03DUP Acquired: 3/12/2019 21:13:31 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117779BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00167	.00841	-.00251	-.00408	.18673	.17097	.00009
Stddev	.00141	.00170	.00113	.00150	.00073	.01660	.00302	.00006
%RSD	551.49	102.28	13.415	59.958	17.836	8.8910	1.7668	69.597

#1	.00137	.00029	.00725	-.00416	-.00355	.19759	.17017	.00013
#2	-.00101	-.00283	.00849	-.00121	-.00379	.19498	.16844	.00002
#3	-.00113	-.00246	.00950	-.00216	-.00491	.16762	.17432	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	388.80	.00017	.00009	.00473	.46034	.75227	2.5290
Stddev	.00004	2.73	.00012	.00011	.00058	.00357	.00099	.0227
%RSD	12.341	.70280	68.505	123.88	12.179	.77564	.13177	.89543

#1	-.00033	389.39	.00006	.00006	.00497	.46236	.75287	2.5465
#2	-.00033	385.81	.00029	-.00001	.00514	.45622	.75112	2.5370
#3	-.00027	391.18	.00017	.00020	.00407	.46245	.75281	2.5034

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00085	1.6194	-.00161	.04014	1.3348	.00055	.02197
Stddev	.00025	.00037	.0216	.00069	.00026	.0195	.00017	.00602
%RSD	33.799	43.726	1.3364	43.026	.64122	1.4590	30.351	27.384

#1	-.00097	-.00093	1.6078	-.00191	.04023	1.3305	.00072	.02640
#2	-.00047	-.00117	1.6059	-.00081	.03985	1.3179	.00039	.02438
#3	-.00077	-.00044	1.6443	-.00209	.04034	1.3561	.00054	.01512

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99783	.29825	-.00064	-.00960	.02439	.0142	.28276	5.4214
Stddev	.03631	.00335	.00028	.00345	.00181	.0003	.00174	.0155
%RSD	3.6385	1.1218	43.915	35.945	7.4237	2.169	.61656	.28523

#1	1.0050	.29518	-.00032	-.01324	.02248	.0145	.28345	5.4264
#2	.95846	.29775	-.00085	-.00918	.02609	.0141	.28078	5.4040
#3	1.0300	.30182	-.00074	-.00638	.02459	.0139	.28406	5.4337

Sample Name: K1844-03DUP Acquired: 3/12/2019 21:13:31 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117779BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.450
Stddev	.282
%RSD	1.6169

#1	17.182
#2	17.744
#3	17.424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.1	38465.	5243.7	31.327	3585.0
Stddev	12.6	45.	36.9	.315	21.8
%RSD	.33694	.11743	.70326	1.0044	.60678

#1	3716.7	38417.	5212.8	31.363	3571.4
#2	3739.8	38471.	5284.5	31.622	3610.1
#3	3736.8	38506.	5233.6	30.995	3573.4

Sample Name: K1844-03LX5 Acquired: 3/12/2019 21:17:57 Type: Unk
Method: P4-ICP2(v2936) 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	-.00031	.00124	-.00072	-.00493	.04585	.00168	.00009
Stddev	.00118	.00097	.00061	.00305	.00146	.01616	.00670	.00009
%RSD	157.39	313.19	49.094	423.39	29.534	35.236	398.83	96.233

#1	-.00069	.00054	.00171	-.00123	-.00481	.04654	-.00235	.00001
#2	-.00195	-.00136	.00147	.00255	-.00353	.02936	.00941	.00018
#3	.00040	-.00011	.00055	-.00349	-.00644	.06165	-.00202	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	81.935	-.00036	.00014	-.00042	.10129	.16071	.53392
Stddev	.00004	5.498	.00022	.00003	.00037	.00975	.00145	.07973
%RSD	16.467	6.7101	61.479	23.029	88.151	9.6288	.89963	14.932

#1	-.00021	80.534	-.00054	.00015	-.00033	.09852	.16068	.61160
#2	-.00018	87.998	-.00043	.00017	-.00011	.11213	.16217	.45230
#3	-.00025	77.274	-.00011	.00011	-.00083	.09323	.15928	.53786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	.00055	.11921	-.00029	.00772	.32644	.00008	.00801
Stddev	.00023	.00035	.03307	.00018	.00006	.01244	.00018	.00327
%RSD	53.728	63.740	27.744	62.203	.79239	3.8102	225.71	40.865

#1	-.00016	.00025	.09846	-.00029	.00765	.33695	.00023	.01170
#2	-.00053	.00046	.15735	-.00047	.00772	.31271	-.00012	.00546
#3	-.00057	.00093	.10181	-.00011	.00778	.32964	.00013	.00687

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18008	.06297	-.00225	-.00194	-.00698	.0016	.05983	4.3807
Stddev	.02535	.00496	.00054	.00107	.00072	.0010	.00387	.1942
%RSD	14.077	7.8731	23.825	55.151	10.244	61.67	6.4681	4.4339

#1	.18622	.06052	-.00208	-.00130	-.00696	.0011	.05875	4.5759
#2	.20179	.06868	-.00285	-.00318	-.00628	.0010	.06413	4.1875
#3	.15222	.05972	-.00182	-.00134	-.00771	.0027	.05662	4.3787

Sample Name: K1844-03LX5 Acquired: 3/12/2019 21:17:57 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.5097
Stddev	.8163
%RSD	9.5927

#1	8.0127
#2	8.0645
#3	9.4518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3945.2	40827.	5283.1	32.737	3928.6
Stddev	2.1	318.	295.1	2.353	7.5
%RSD	.05222	.77925	5.5854	7.1888	.19173

#1	3945.5	40460.	5345.5	31.274	3920.1
#2	3943.0	41004.	4961.8	31.485	3934.5
#3	3947.1	41017.	5542.0	35.452	3931.1

Sample Name: K1844-03MS Acquired: 3/12/2019 21:22:24 Type: Unk
Method: P4-ICP2(v2936) 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	.83058	2.0601	1.0093	2.0977	.83603	2.3451	.36131
Stddev	.00346	.0061	.0052	.0017	.00034	.0486	.00070
%RSD	.41607	.29618	.51395	.08285	.04020	2.0709	.19454

#1	.82964	2.0626	1.0068	2.0997	.83621	2.2922	.36211
#2	.82769	2.0645	1.0153	2.0971	.83565	2.3554	.36103
#3	.83441	2.0531	1.0059	2.0964	.83625	2.3877	.36079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21370	.19478	388.53	.42930	.20306	.31076	3.3873
Stddev	.00004	.00132	3.61	.00018	.00124	.00045	.0507
%RSD	.01913	.67831	.92839	.04273	.60973	.14420	1.4962

#1	.21370	.19458	392.08	.42925	.20234	.31073	3.4423
#2	.21375	.19619	388.65	.42914	.20449	.31032	3.3772
#3	.21367	.19357	384.87	.42950	.20236	.31122	3.3425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95005	4.4394	.49109	.07967	4.3667	.29916	.25869
Stddev	.00137	.0187	.00269	.00058	.0036	.00152	.00189
%RSD	.14429	.42084	.54786	.72867	.08226	.50743	.73170

#1	.94846	4.4241	.48974	.08034	4.3625	.29875	.25757
#2	.95085	4.4602	.49419	.07930	4.3685	.30084	.26088
#3	.95083	4.4338	.48935	.07936	4.3690	.29789	.25764

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.911	.40597	.29877	.97229	1.2353	.68597	.19465
Stddev	.024	.00202	.00545	.02828	.0205	.00366	.00287
%RSD	.22382	.49746	1.8251	2.9084	1.6584	.53297	1.4731

#1	10.891	.40605	.30404	.97137	1.2565	.68628	.19795
#2	10.939	.40390	.29912	1.0010	1.2336	.68946	.19278
#3	10.904	.40794	.29315	.94449	1.2157	.68217	.19322

Sample Name: K1844-03MS Acquired: 3/12/2019 21:22:24 Type: Unk
 Method: P4-ICP2(v2936) 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	.21158	6.106	.47710	5.4473	F<.00000
Stddev	.00145	.026	.00397	.0721	.67335
%RSD	.68311	.4196	.83188	1.3240	26.618

#1	.21080	6.083	.48086	5.4105	-3.1001
#2	.21325	6.134	.47747	5.4011	-1.7869
#3	.21069	6.101	.47295	5.5304	-2.7021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.5	38605.	5244.2	31.110	3591.0
Stddev	6.9	82.	72.1	.892	29.2
%RSD	.18474	.21154	1.3750	2.8668	.81410

#1	3736.0	38699.	5168.3	30.111	3589.6
#2	3741.8	38547.	5252.5	31.394	3562.6
#3	3749.8	38570.	5311.8	31.826	3621.0

Sample Name: K1844-03MSD Acquired: 3/12/2019 21:26:32 Type: Unk
Method: P4-ICP2(v2936) 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	.83014	2.0792	1.0166	2.1042	.83381	2.3238	.35988
Stddev	.00311	.0043	.0052	.0025	.00338	.0367	.00134
%RSD	.37420	.20453	.51148	.11703	.40524	1.5794	.37337

#1	.82910	2.0743	1.0119	2.1031	.83037	2.2949	.35956
#2	.83364	2.0817	1.0158	2.1025	.83713	2.3115	.36136
#3	.82769	2.0816	1.0222	2.1070	.83394	2.3651	.35873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21571	.19699	381.86	.43141	.20510	.31192	3.4267
Stddev	.00011	.00089	2.22	.00038	.00130	.00121	.0368
%RSD	.05119	.45102	.58170	.08727	.63252	.38737	1.0746

#1	.21581	.19614	381.94	.43112	.20385	.31066	3.4271
#2	.21559	.19693	384.04	.43184	.20501	.31204	3.4633
#3	.21572	.19791	379.60	.43128	.20644	.31307	3.3897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93137	4.4008	.49506	.07982	4.3419	.29944	.25833
Stddev	.00204	.0661	.00311	.00022	.0144	.00114	.00088
%RSD	.21882	1.5016	.62791	.27181	.33121	.38178	.34209

#1	.93350	4.3818	.49161	.07971	4.3259	.29934	.25747
#2	.93117	4.3463	.49593	.07968	4.3538	.30062	.25829
#3	.92944	4.4743	.49765	.08007	4.3461	.29834	.25924

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.999	.40599	.30181	.95631	1.2468	.69116	.19784
Stddev	.054	.00147	.00247	.01713	.0125	.00494	.00449
%RSD	.48714	.36300	.81994	1.7914	1.0032	.71414	2.2690

#1	10.961	.40570	.30439	.96456	1.2442	.68647	.19863
#2	11.060	.40758	.29946	.96776	1.2605	.69069	.19300
#3	10.975	.40468	.30159	.93662	1.2359	.69631	.20187

Sample Name: K1844-03MSD Acquired: 3/12/2019 21:26:32 Type: Unk
Method: P4-ICP2(v2936) 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	.21231	6.169	.47570	5.3663	F<.00000
Stddev	.00268	.037	.00340	.0845	1.0388
%RSD	1.2611	.5956	.71410	1.5743	29.913

#1	.21269	6.129	.47655	5.2728	-4.6459
#2	.20946	6.177	.47859	5.3889	-2.6691
#3	.21477	6.201	.47196	5.4371	-3.1037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3754.8	38810.	5197.3	29.450	3577.3
Stddev	5.3	45.	51.0	1.508	9.5
%RSD	.14230	.11581	.98068	5.1191	.26439

#1	3749.7	38845.	5187.4	28.596	3587.8
#2	3760.4	38759.	5152.0	28.564	3574.6
#3	3754.5	38826.	5252.5	31.191	3569.4

Sample Name: K1844-03A Acquired: 3/12/2019 21:30:38 Type: Unk
Method: P4-ICP2(v2936) 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	.83741	2.0879	1.0199	2.1146	.84060	2.3336	.36899
Stddev	.00361	.0121	.0102	.0101	.00360	.0263	.00211
%RSD	.43168	.57862	.99597	.47578	.42841	1.1287	.57313

#1	.84154	2.0791	1.0200	2.1237	.84476	2.3148	.36707
#2	.83585	2.0831	1.0097	2.1164	.83841	2.3637	.36864
#3	.83483	2.1017	1.0301	2.1038	.83864	2.3223	.37125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21694	.19709	390.36	.43405	.20595	.31337	3.4496
Stddev	.00054	.00107	3.88	.00229	.00119	.00180	.0535
%RSD	.24841	.54162	.99336	.52726	.57995	.57394	1.5506

#1	.21687	.19661	388.36	.43172	.20554	.31544	3.4191
#2	.21751	.19635	387.88	.43415	.20502	.31246	3.4184
#3	.21644	.19832	394.83	.43629	.20730	.31221	3.5114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94960	4.4510	.49627	.08027	4.3961	.30080	.25834
Stddev	.00140	.0097	.00254	.00112	.0290	.00115	.00148
%RSD	.14791	.21835	.51239	1.3901	.65863	.38131	.57443

#1	.94798	4.4614	.49470	.08007	4.3799	.30150	.25818
#2	.95050	4.4422	.49491	.07926	4.3789	.30142	.25694
#3	.95032	4.4493	.49921	.08147	4.4295	.29948	.25989

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.046	.40865	.31437	.97675	1.2507	.69177	.19589
Stddev	.031	.00130	.01362	.00506	.0136	.00487	.00372
%RSD	.27871	.31896	4.3321	.51791	1.0880	.70364	1.8973

#1	11.021	.41014	.30368	.97593	1.2429	.68895	.19609
#2	11.037	.40772	.30972	.97215	1.2428	.68897	.19208
#3	11.081	.40809	.32970	.98217	1.2664	.69739	.19950

Sample Name: K1844-03A Acquired: 3/12/2019 21:30:38 Type: Unk
Method: P4-ICP2(v2936) 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	.21335	6.180	.48142	5.3540	F<.00000
Stddev	.00127	.034	.00457	.0103	1.8526
%RSD	.59560	.5450	.94901	.19225	64.211
#1	.21192	6.159	.48017	5.3453	-4.8912
#2	.21435	6.162	.47760	5.3654	-2.5253
#3	.21379	6.219	.48648	5.3513	-1.2389
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.7	38672.	5188.6	30.535	3591.6
Stddev	5.1	123.	48.9	1.388	27.7
%RSD	.13669	.31886	.94162	4.5450	.77235
#1	3740.9	38791.	5220.4	29.154	3618.0
#2	3745.1	38545.	5213.1	30.521	3594.0
#3	3751.1	38680.	5132.4	31.930	3562.7

Sample Name: K1687-02 Acquired: 3/12/2019 21:34:44 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	-.00205	.02669	.00052	-.00143	.55178	.22860	.00024
Stddev	.00113	.00217	.00036	.00212	.00176	.01301	.00443	.00002
%RSD	98.640	105.85	1.3407	404.66	122.78	2.3572	1.9368	7.7954

#1	-.00245	-.00453	.02677	.00139	-.00061	.54250	.22363	.00026
#2	-.00043	-.00057	.02699	-.00189	-.00024	.56664	.23211	.00023
#3	-.00056	-.00104	.02629	.00207	-.00345	.54619	.23007	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	27.205	.00008	.00356	.00722	.34609	.56580	1.1394
Stddev	.00012	.070	.00022	.00005	.00062	.00466	.00048	.0176
%RSD	130.11	.25571	272.29	1.3551	8.6137	1.3453	.08457	1.5448

#1	.00003	27.158	-.00017	.00351	.00706	.34338	.56531	1.1517
#2	-.00009	27.171	.00016	.00361	.00790	.34343	.56626	1.1193
#3	-.00021	27.285	.00026	.00357	.00669	.35147	.56584	1.1473

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	.00051	253.55	-.00071	.12881	.77611	.00020	.05750
Stddev	.00024	.00029	4.50	.00014	.00120	.04105	.00027	.00572
%RSD	7.2820	56.045	1.7748	19.779	.93441	5.2886	138.89	9.9490

#1	.00326	.00055	252.51	-.00082	.12984	.72893	-.00007	.05104
#2	.00309	.00021	249.67	-.00055	.12749	.80358	.00048	.06192
#3	.00356	.00077	258.48	-.00075	.12912	.79583	.00018	.05954

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42243	.98593	-.00242	.00506	-.01078	.0373	.11795	5.0251
Stddev	.01830	.01043	.00022	.00046	.00085	.0017	.00020	.0430
%RSD	4.3320	1.0577	8.9925	9.0903	7.8850	4.548	.17260	.85616

#1	.41528	.98070	-.00217	.00558	-.01126	.0370	.11780	5.0576
#2	.44322	.97915	-.00255	.00491	-.00980	.0358	.11818	5.0415
#3	.40878	.99794	-.00254	.00470	-.01127	.0392	.11787	4.9763

Sample Name: K1687-02 Acquired: 3/12/2019 21:34:44 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.300
 Stddev .859
 %RSD 8.3384

#1 11.139
 #2 9.4227
 #3 10.337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.6	39271.	5402.2	31.715	3660.8
Stddev	8.2	68.	64.2	1.476	33.9
%RSD	.21303	.17350	1.1886	4.6544	.92492

#1	3858.4	39199.	5407.6	33.191	3638.5
#2	3873.9	39279.	5463.5	31.716	3699.8
#3	3861.4	39334.	5335.4	30.239	3644.2

Sample Name: K1687-02DUP Acquired: 3/12/2019 21:39:17 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	-.00184	.02911	.00253	-.00237	.55326	.23357	.00014
Stddev	.00173	.00175	.00084	.00335	.00130	.01981	.00211	.00009
%RSD	56.224	95.589	2.8923	132.21	54.930	3.5808	.90364	66.589

#1	-.00459	-.00037	.03002	.00293	-.00223	.54617	.23119	.00006
#2	-.00344	-.00136	.02835	-.00100	-.00114	.57564	.23521	.00012
#3	-.00119	-.00378	.02896	.00567	-.00373	.53797	.23431	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	27.407	-.00022	.00368	.00769	.35185	.56958	1.1642
Stddev	.00012	.161	.00025	.00024	.00039	.00507	.00232	.0544
%RSD	1110.9	.58891	113.96	6.5786	5.0239	1.4398	.40650	4.6753

#1	-.00010	27.221	-.00043	.00366	.00812	.35530	.56691	1.2072
#2	.00001	27.496	.00006	.00345	.00737	.34603	.57083	1.1030
#3	.00013	27.505	-.00029	.00393	.00757	.35421	.57101	1.1824

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	.00057	253.98	.00004	.13004	.89694	.00039	.05630
Stddev	.00026	.00036	2.14	.00026	.00044	.00785	.00041	.01048
%RSD	8.6581	63.407	.84380	588.64	.34169	.87500	104.72	18.618

#1	.00269	.00042	254.39	.00028	.13052	.90598	.00042	.04451
#2	.00320	.00098	251.66	-.00023	.12996	.89185	.00078	.05986
#3	.00300	.00030	255.88	.00008	.12964	.89299	-.00003	.06455

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44106	.99378	-.00252	.00444	-.00299	.0383	.11877	5.1673
Stddev	.00265	.01516	.00148	.00163	.00011	.0013	.00028	.1271
%RSD	.60055	1.5252	58.939	36.699	3.6433	3.350	.23827	2.4594

#1	.44199	1.0032	-.00108	.00341	-.00302	.0382	.11850	5.3083
#2	.43807	.97630	-.00243	.00631	-.00308	.0371	.11906	5.0616
#3	.44311	1.0019	-.00404	.00359	-.00287	.0396	.11874	5.1320

Sample Name: K1687-02DUP Acquired: 3/12/2019 21:39:17 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.276
Stddev	1.273
%RSD	12.393

#1	11.729
#2	9.7458
#3	9.3531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.5	39003.	5333.5	30.925	3605.7
Stddev	6.5	119.	47.9	1.387	.8
%RSD	.16918	.30417	.89893	4.4854	.02088

#1	3826.7	38884.	5289.9	30.061	3606.6
#2	3835.7	39121.	5384.8	32.525	3605.2
#3	3823.1	39003.	5325.8	30.189	3605.5

Sample Name: K1687-02LX5 Acquired: 3/12/2019 21:43:49 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	.00008	.00498	.00118	-.00419	.11381	.01316	-.00000
Stddev	.00123	.00154	.00029	.00164	.00196	.00590	.00356	.00003
%RSD	72.172	1878.1	5.9179	138.88	46.821	5.1819	27.086	644.12

#1	-.00034	.00077	.00464	.00125	-.00213	.12035	.00926	.00002
#2	-.00206	-.00168	.00517	-.00049	-.00604	.11217	.01626	-.00004
#3	-.00273	.00116	.00513	.00280	-.00440	.10890	.01396	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	5.5788	-.00042	.00054	.00069	.07360	.11879	.24332
Stddev	.00005	.0198	.00065	.00010	.00035	.00054	.00036	.04397
%RSD	37.216	.35406	155.21	18.191	50.766	.73009	.30085	18.072

#1	-.00017	5.6014	.00032	.00050	.00046	.07323	.11838	.27739
#2	-.00008	5.5649	-.00067	.00066	.00110	.07421	.11897	.25888
#3	-.00012	5.5701	-.00091	.00047	.00053	.07335	.11902	.19368

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00108	52.094	-.00055	.02512	.34767	.00032	.00942
Stddev	.00025	.00011	.652	.00047	.00007	.02840	.00048	.00164
%RSD	158.30	10.534	1.2510	85.539	.26146	8.1677	148.40	17.448

#1	-.00005	.00104	52.612	-.00003	.02506	.31867	.00086	.01124
#2	.00043	.00099	52.308	-.00095	.02512	.34893	.00013	.00804
#3	.00009	.00121	51.362	-.00067	.02519	.37542	-.00003	.00900

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06152	.21290	-.00270	-.00035	-.01131	.0063	.02436	4.4184
Stddev	.02009	.00477	.00013	.00094	.00157	.0006	.00002	.0786
%RSD	32.651	2.2421	4.8592	265.32	13.892	10.02	.09519	1.7793

#1	.08049	.20995	-.00285	-.00144	-.01290	.0060	.02437	4.4780
#2	.06359	.21841	-.00261	.00014	-.01129	.0060	.02438	4.3293
#3	.04048	.21034	-.00264	.00024	-.00975	.0071	.02434	4.4479

Sample Name: K1687-02LX5 Acquired: 3/12/2019 21:43:49 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2642
Stddev 1.1684
%RSD 35.794

#1 4.0300
#2 3.8431
#3 1.9194

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3975.7	40871.	5353.8	32.027	3902.8
Stddev	5.9	105.	55.4	1.243	6.1
%RSD	.14842	.25636	1.0342	3.8806	.15721

#1	3974.2	40911.	5306.4	32.270	3909.8
#2	3982.2	40950.	5340.3	30.681	3899.7
#3	3970.7	40752.	5414.7	33.131	3898.8

Sample Name: K1687-02MS Acquired: 3/12/2019 21:48:18 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79868	1.9633	1.0078	2.0345	.79418	2.6438	.44640
Stddev	.00329	.0031	.0069	.0045	.00171	.0158	.00321
%RSD	.41179	.15948	.68354	.22086	.21510	.59865	.71860

#1	.79546	1.9628	1.0136	2.0313	.79612	2.6257	.44366
#2	.80203	1.9666	1.0097	2.0326	.79292	2.6503	.44560
#3	.79855	1.9604	1.0002	2.0397	.79350	2.6553	.44993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20611	.19641	30.776	.43000	.20966	.30734	3.3364
Stddev	.00087	.00108	.099	.00104	.00116	.00064	.0071
%RSD	.42392	.54843	.32208	.24287	.55288	.20816	.21351

#1	.20601	.19731	30.678	.43094	.21084	.30785	3.3434
#2	.20702	.19671	30.773	.43018	.20963	.30755	3.3365
#3	.20528	.19521	30.876	.42887	.20852	.30662	3.3291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81864	3.1784	.49833	.07670	277.65	.30552	.35159
Stddev	.00186	.0647	.00268	.00108	.92	.00336	.00220
%RSD	.22776	2.0364	.53786	1.4045	.33071	1.0993	.62614

#1	.81738	3.1182	.50058	.07787	276.78	.30597	.35272
#2	.82078	3.1702	.49904	.07648	278.61	.30196	.35300
#3	.81777	3.2469	.49536	.07575	277.55	.30863	.34906

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.023	.40639	.33411	.45511	2.0030	.68001	.20389
Stddev	.057	.00132	.00768	.00559	.0080	.00556	.00282
%RSD	.57025	.32500	2.2984	1.2277	.39768	.81783	1.3815

#1	9.9589	.40790	.32700	.46054	1.9950	.68623	.20707
#2	10.068	.40544	.34225	.45541	2.0031	.67827	.20289
#3	10.044	.40583	.33306	.44938	2.0109	.67552	.20171

Sample Name: K1687-02MS Acquired: 3/12/2019 21:48:18 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17225	5.983	.31932	5.3492	F<.00000
Stddev	.00366	.035	.00104	.1212	.18504
%RSD	2.1237	.5912	.32529	2.2658	1.8337
#1	.16932	6.012	.32038	5.4458	-9.9772
#2	.17109	5.992	.31928	5.3886	-10.304
#3	.17635	5.944	.31830	5.2132	-9.9912
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3781.5	38568.	5161.5	31.005	3565.2
Stddev	11.0	55.	14.5	1.401	28.0
%RSD	.29052	.14363	.28145	4.5195	.78516
#1	3781.2	38511.	5147.8	30.678	3551.9
#2	3770.7	38622.	5160.0	29.795	3546.3
#3	3792.7	38571.	5176.7	32.540	3597.4

Sample Name: CCV11 Acquired: 3/12/2019 21:52:35 Type: Unk
Method: P4-ICP2(v2936) 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	5.1196	5.2261	5.1566	5.1579	5.1575	10.370	9.6877	.26066
Stddev	.0141	.0119	.0093	.0075	.0070	.091	.0592	.00086
%RSD	.27644	.22835	.18080	.14510	.13565	.87992	.61134	.32844
#1	5.1116	5.2392	5.1660	5.1630	5.1616	10.336	9.6204	.26139
#2	5.1113	5.2231	5.1564	5.1493	5.1494	10.474	9.7108	.25972
#3	5.1359	5.2159	5.1473	5.1614	5.1615	10.302	9.7318	.26086
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5260	24.968	1.0788	2.5979	1.2690	5.0353	2.6294	24.855
Stddev	.0027	.237	.0024	.0029	.0029	.0139	.0030	.234
%RSD	.10745	.94813	.22099	.11232	.22569	.27562	.11463	.94004
#1	2.5291	24.875	1.0811	2.5993	1.2715	5.0242	2.6318	24.659
#2	2.5251	25.237	1.0763	2.5999	1.2659	5.0308	2.6260	25.114
#3	2.5239	24.792	1.0791	2.5946	1.2697	5.0509	2.6303	24.794
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5072	1.3523	24.784	2.6221	2.6249	25.887	5.0497	4.7199
Stddev	.0019	.0013	.236	.0095	.0041	.223	.0085	.0659
%RSD	.07545	.09603	.95187	.36043	.15584	.86037	.16770	1.3966
#1	2.5051	1.3534	24.525	2.6299	2.6287	25.689	5.0571	4.6505
#2	2.5078	1.3508	24.843	2.6116	2.6255	25.844	5.0404	4.7274
#3	2.5088	1.3526	24.985	2.6249	2.6206	26.128	5.0514	4.7817
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9360	4.8952	4.9144	5.0171	F 4.4311	5.126	4.9886	5.0329
Stddev	.0438	.0131	.0077	.0410	.0390	.006	.0355	.0223
%RSD	.88791	.26786	.15602	.81795	.88088	.1183	.71080	.44279
#1	4.8873	4.8805	4.9223	4.9740	4.3902	5.132	4.9490	5.0554
#2	4.9486	4.8991	4.9139	5.0217	4.4353	5.126	4.9991	5.0109
#3	4.9721	4.9058	4.9070	5.0557	4.4680	5.119	5.0176	5.0325

Sample Name: CCV11 Acquired: 3/12/2019 21:52:35 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8793
Stddev .5902
%RSD 20.499

#1 2.2726
#2 3.4516
#3 2.9136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.8	39988.	5332.8	30.978	3685.5
Stddev	8.7	24.	16.2	.360	9.1
%RSD	.22276	.05962	.30314	1.1637	.24737

#1	3897.4	39965.	5342.8	31.350	3675.3
#2	3914.6	39986.	5341.5	30.952	3688.3
#3	3908.5	40013.	5314.1	30.630	3692.9

Sample Name: CCB11 Acquired: 3/12/2019 21:56:35 Type: Unk
Method: P4-ICP2(v2936) 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	-.00140	.00162	-.00122	.00207	-.00102	-.00162	-.01988
Stddev	.00189	.00057	.00137	.00172	.00082	.00499	.00048
%RSD	134.89	35.210	112.50	83.117	80.473	307.45	2.3950

#1	.00078	.00110	-.00189	.00237	-.00059	.00121	-.02043
#2	-.00250	.00153	-.00212	.00362	-.00196	-.00738	-.01957
#3	-.00248	.00223	.00036	.00022	-.00050	.00130	-.01964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00012	-.01640	-.00038	-.00015	-.00052	-.00186
Stddev	.00009	.00005	.00959	.00006	.00008	.00017	.00119
%RSD	298.35	43.966	58.521	16.481	55.914	31.852	63.966

#1	-.00007	-.00010	-.02742	-.00044	-.00015	-.00071	-.00145
#2	.00010	-.00017	-.01179	-.00039	-.00007	-.00042	-.00319
#3	.00006	-.00008	-.00998	-.00031	-.00023	-.00043	-.00092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00318	-.00006	.00095	-.21335	-.00050	-.00039
Stddev	.00002	.02968	.00061	.00020	.01030	.00008	.00008
%RSD	40.689	932.66	1019.2	21.355	4.8258	15.035	19.605

#1	.00006	.02774	.00005	.00084	-.20264	-.00053	-.00033
#2	.00006	-.00584	.00049	.00118	-.21423	-.00056	-.00048
#3	.00003	-.03145	-.00072	.00083	-.22317	-.00042	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13492	.00033	-.00523	F -.02914	.00454	-.00234	-.00132
Stddev	.03157	.00025	.00902	.00584	.00111	.00054	.00049
%RSD	23.398	73.841	172.60	20.054	24.531	23.002	36.893

#1	.10603	.00010	-.01085	-.02242	.00508	-.00232	-.00076
#2	.13010	.00031	.00518	-.03299	.00527	-.00288	-.00166
#3	.16862	.00059	-.01002	-.03201	.00325	-.00181	-.00154

Sample Name: CCB11 Acquired: 3/12/2019 21:56:35 Type: Unk
 Method: P4-ICP2(v2936) 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	-.00878	-.0016	.00016	F 3.8128	F 1.0794
Stddev	.00204	.0004	.00020	.0510	.6659
%RSD	23.192	24.89	124.03	1.3390	61.689
#1	-.01111	-.0020	.00024	3.7663	1.1044
#2	-.00732	-.0012	-.00007	3.8047	1.7325
#3	-.00791	-.0017	.00031	3.8675	.40140
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4073.3	42195.	5299.2	32.250	4133.7
Stddev	4.0	87.	18.8	1.118	3.5
%RSD	.09772	.20720	.35492	3.4657	.08368
#1	4072.3	42283.	5309.9	33.109	4135.6
#2	4069.9	42193.	5277.5	30.986	4135.7
#3	4077.7	42108.	5310.2	32.655	4129.7

Sample Name: K1687-02MSD Acquired: 3/12/2019 22:01:04 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79672	1.9662	1.0120	2.0332	.78960	2.6758	.44645
Stddev	.00114	.0114	.0087	.0115	.00308	.0273	.00323
%RSD	.14298	.58055	.86349	.56660	.39016	1.0222	.72365

#1	.79609	1.9790	1.0174	2.0402	.78887	2.6528	.45003
#2	.79603	1.9625	1.0168	2.0199	.79297	2.7061	.44375
#3	.79803	1.9570	1.0020	2.0396	.78694	2.6685	.44557

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20647	.19611	31.149	.43194	.21036	.30738	3.3200
Stddev	.00060	.00092	.117	.00070	.00130	.00098	.0170
%RSD	.29133	.46781	.37406	.16116	.61573	.31775	.51307

#1	.20716	.19666	31.057	.43117	.21117	.30720	3.3299
#2	.20605	.19661	31.111	.43252	.21105	.30651	3.3004
#3	.20621	.19505	31.280	.43211	.20887	.30844	3.3298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82689	3.1679	.49934	.07624	280.18	.30282	.35332
Stddev	.00115	.0573	.00229	.00044	2.74	.00042	.00195
%RSD	.13951	1.8093	.45831	.58263	.97635	.13707	.55193

#1	.82794	3.1030	.50019	.07586	283.02	.30294	.35504
#2	.82708	3.2118	.50109	.07614	277.56	.30317	.35370
#3	.82566	3.1888	.49675	.07673	279.98	.30236	.35120

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.090	.40539	.33591	.46174	1.9817	.68499	.20634
Stddev	.044	.00153	.00417	.01103	.0130	.00871	.00243
%RSD	.43182	.37731	1.2412	2.3884	.65431	1.2709	1.1799

#1	10.124	.40667	.33972	.47437	1.9708	.69244	.20406
#2	10.041	.40369	.33146	.45684	1.9961	.68712	.20891
#3	10.106	.40580	.33656	.45401	1.9783	.67542	.20606

Sample Name: K1687-02MSD Acquired: 3/12/2019 22:01:04 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17263	5.992	.31972	5.4409	F<.00000
Stddev	.00189	.046	.00166	.1554	1.6683
%RSD	1.0946	.7723	.51934	2.8558	17.886

#1	.17259	6.041	.32048	5.5208	-8.3761
#2	.17075	5.988	.31782	5.2618	-8.3520
#3	.17453	5.948	.32088	5.5400	-11.254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3791.3	38659.	5232.4	30.225	3565.1
Stddev	.9	130.	46.0	.210	19.5
%RSD	.02368	.33522	.87847	.69585	.54644

#1	3792.4	38531.	5198.9	30.306	3553.5
#2	3790.9	38791.	5284.8	29.987	3554.3
#3	3790.7	38656.	5213.5	30.383	3587.6

Sample Name: K1687-02A Acquired: 3/12/2019 22:05:20 Type: Unk
Method: P4-ICP2(v2936) 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	.79953	1.9671	1.0135	2.0443	.79648	2.7055	.44805
Stddev	.00371	.0031	.0046	.0034	.00590	.0372	.00407
%RSD	.46459	.15853	.45439	.16669	.74136	1.3740	.90764

#1	.80378	1.9637	1.0183	2.0483	.80327	2.6727	.44338
#2	.79789	1.9697	1.0091	2.0420	.79257	2.7459	.44997
#3	.79691	1.9680	1.0131	2.0428	.79360	2.6979	.45080

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20638	.19654	31.300	.43306	.21125	.30835	3.3185
Stddev	.00044	.00117	.263	.00180	.00112	.00117	.0499
%RSD	.21513	.59504	.83884	.41478	.53007	.37864	1.5045

#1	.20638	.19734	30.997	.43102	.21203	.30968	3.3368
#2	.20593	.19520	31.449	.43381	.20997	.30786	3.2620
#3	.20682	.19709	31.454	.43437	.21175	.30750	3.3567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82870	3.1817	.50171	.07642	279.18	.30338	.35399
Stddev	.00090	.0913	.00212	.00065	3.98	.00031	.00172
%RSD	.10842	2.8708	.42272	.85590	1.4273	.10294	.48608

#1	.82777	3.0763	.50360	.07656	282.02	.30302	.35554
#2	.82877	3.2317	.49942	.07571	274.63	.30354	.35214
#3	.82957	3.2372	.50211	.07699	280.91	.30358	.35430

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.181	.40788	.34117	.46350	1.9786	.68861	.20402
Stddev	.105	.00075	.01089	.00940	.0328	.00370	.00262
%RSD	1.0324	.18266	3.1916	2.0277	1.6572	.53665	1.2838

#1	10.076	.40874	.33579	.47352	1.9783	.69220	.20255
#2	10.183	.40751	.33402	.46208	1.9460	.68481	.20247
#3	10.286	.40740	.35370	.45489	2.0116	.68883	.20705

Sample Name: K1687-02A Acquired: 3/12/2019 22:05:20 Type: Unk
 Method: P4-ICP2(v2936) 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	.17575	6.027	.31979	5.4171	F<.00000
Stddev	.00123	.039	.00422	.0540	1.7282
%RSD	.70046	.6380	1.3186	.99681	19.829
#1	.17444	6.070	.32152	5.4620	-7.5206
#2	.17591	5.996	.31499	5.3572	-7.9292
#3	.17689	6.015	.32287	5.4320	-10.697
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.0	38627.	5256.3	31.375	3572.6
Stddev	2.7	82.	84.6	.092	13.1
%RSD	.07016	.21277	1.6103	.29231	.36558
#1	3797.0	38588.	5190.8	31.418	3563.6
#2	3797.9	38722.	5351.9	31.438	3587.6
#3	3802.0	38572.	5226.1	31.270	3566.7

Sample Name: K1687-04 Acquired: 3/12/2019 22:09:36 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	-.00371	.00357	.00228	-.00271	.09235	.04729	.00004
Stddev	.00442	.00098	.00047	.00213	.00185	.01922	.00089	.00005
%RSD	235.67	26.320	13.036	93.304	68.190	20.812	1.8835	130.80

#1	.00272	-.00367	.00392	.00320	-.00244	.09794	.04724	.00006
#2	-.00610	-.00276	.00374	.00381	-.00101	.07095	.04821	-.00002
#3	-.00224	-.00471	.00304	-.00015	-.00467	.10815	.04643	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	18.581	.00073	.00165	.00121	.02109	.37336	1.8696
Stddev	.00008	.038	.00053	.00031	.00023	.00114	.00086	.0535
%RSD	43.863	.20523	73.519	18.942	19.362	5.4219	.22977	2.8623

#1	-.00027	18.540	.00098	.00145	.00133	.02142	.37429	1.9310
#2	-.00013	18.615	.00108	.00148	.00136	.02203	.37261	1.8329
#3	-.00013	18.589	.00011	.00201	.00094	.01982	.37317	1.8449

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00109	308.08	-.00105	.02063	.67471	.00031	.00608
Stddev	.00019	.00030	2.96	.00026	.00027	.02354	.00027	.00735
%RSD	7.4253	27.647	.96161	25.084	1.3233	3.4885	86.327	120.89

#1	.00265	.00133	307.64	-.00109	.02038	.65978	.00059	.01100
#2	.00278	.00075	311.24	-.00077	.02059	.70185	.00030	.00963
#3	.00240	.00118	305.36	-.00129	.02092	.66252	.00005	-.00237

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22430	.70182	-.00191	-.00167	-.00174	-.0003	.08905	5.5012
Stddev	.00388	.00883	.00105	.00174	.00120	.0003	.00028	.1112
%RSD	1.7318	1.2580	55.050	104.28	68.851	121.5	.31835	2.0204

#1	.21982	.70704	-.00273	-.00359	-.00056	-.0004	.08882	5.5737
#2	.22639	.70680	-.00073	-.00019	-.00296	.0001	.08937	5.3732
#3	.22669	.69163	-.00226	-.00123	-.00171	-.0005	.08897	5.5567

Sample Name: K1687-04 Acquired: 3/12/2019 22:09:36 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.549
Stddev	.471
%RSD	4.4678

#1	10.811
#2	10.005
#3	10.830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.2	37981.	5133.8	29.651	3569.1
Stddev	8.2	156.	28.1	.851	27.7
%RSD	.21636	.40999	.54666	2.8688	.77553

#1	3766.6	37875.	5125.1	28.782	3601.1
#2	3760.9	38160.	5111.0	30.482	3552.8
#3	3777.0	37909.	5165.1	29.689	3553.5

Sample Name: K1687-06 Acquired: 3/12/2019 22:14:12 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00578	-.00252	.02123	.00255	-.00295	1.3237	.03407	.00007
Stddev	.00302	.00133	.00098	.00033	.00035	.0155	.00203	.00007
%RSD	52.303	52.680	4.5992	13.016	11.789	1.1711	5.9569	101.35

#1	-.00447	-.00384	.02090	.00279	-.00271	1.3058	.03479	.00004
#2	-.00923	-.00254	.02046	.00268	-.00335	1.3314	.03565	.00014
#3	-.00363	-.00118	.02233	.00217	-.00278	1.3338	.03178	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	18.786	.00129	.00168	.00526	.93072	.36780	2.8776
Stddev	.00003	.121	.00025	.00013	.00019	.00655	.00054	.0350
%RSD	23.000	.64668	19.322	7.8534	3.5781	.70412	.14597	1.2163

#1	-.00010	18.732	.00146	.00182	.00515	.93810	.36840	2.8450
#2	-.00014	18.702	.00141	.00157	.00548	.92848	.36736	2.9146
#3	-.00017	18.925	.00100	.00164	.00516	.92558	.36763	2.8733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	.00116	278.95	.00070	.03847	.68087	.00054	.00422
Stddev	.00037	.00015	1.33	.00038	.00035	.05493	.00017	.00500
%RSD	7.5873	12.896	.47536	53.871	.92094	8.0672	31.915	118.64

#1	.00528	.00130	277.63	.00063	.03849	.69715	.00037	.00910
#2	.00454	.00100	278.95	.00111	.03811	.72581	.00052	.00445
#3	.00486	.00118	280.28	.00036	.03882	.61964	.00071	-.00090

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18159	1.8851	-.00220	.03978	-.00367	.0163	.06370	5.3863
Stddev	.01505	.0034	.00059	.00087	.00117	.0013	.00023	.1400
%RSD	8.2869	.17846	26.618	2.1964	31.827	7.734	.36675	2.5997

#1	.18948	1.8823	-.00184	.03893	-.00366	.0175	.06380	5.2723
#2	.19106	1.8841	-.00188	.03974	-.00251	.0164	.06343	5.5426
#3	.16424	1.8888	-.00287	.04067	-.00485	.0150	.06386	5.3439

Sample Name: K1687-06 Acquired: 3/12/2019 22:14:12 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-06-031119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.1180
Stddev	1.2492
%RSD	17.550

#1	8.5604
#2	6.3968
#3	6.3968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.6	38310.	5213.6	30.705	3583.5
Stddev	5.7	76.	34.2	.974	19.1
%RSD	.15127	.19792	.65665	3.1735	.53296

#1	3792.2	38364.	5178.2	29.582	3577.3
#2	3796.9	38224.	5246.6	31.214	3604.9
#3	3803.6	38343.	5216.1	31.320	3568.3

Sample Name: K1697-02 Acquired: 3/12/2019 22:18:45 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	-.00267	.00218	.00475	-.00290	.13935	.05270	.00008
Stddev	.00122	.00106	.00074	.00337	.00094	.01875	.00158	.00013
%RSD	50.109	39.467	33.934	70.978	32.449	13.454	2.9999	152.63

#1	-.00383	-.00178	.00277	.00229	-.00254	.11814	.05397	.00008
#2	-.00164	-.00241	.00135	.00859	-.00219	.15371	.05093	.00021
#3	-.00182	-.00384	.00241	.00337	-.00396	.14619	.05319	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	12.444	-.00003	.00753	.00311	.09672	.96680	2.9404
Stddev	.00008	.113	.00036	.00017	.00035	.00112	.00097	.0454
%RSD	88.825	.90845	1088.5	2.2920	11.355	1.1625	.10069	1.5441

#1	-.00010	12.323	-.00010	.00748	.00351	.09598	.96584	2.9216
#2	-.00016	12.462	.00036	.00739	.00287	.09616	.96678	2.9073
#3	-.00000	12.547	-.00036	.00772	.00293	.09801	.96778	2.9921

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	.00125	252.62	-.00201	.05036	.82785	.00016	.01173
Stddev	.00031	.00036	3.41	.00044	.00025	.02297	.00002	.00687
%RSD	9.3363	28.864	1.3487	21.988	.50260	2.7744	14.225	58.585

#1	.00309	.00166	249.98	-.00207	.05065	.81194	.00015	.01829
#2	.00368	.00102	251.42	-.00155	.05016	.81742	.00019	.00458
#3	.00321	.00106	256.47	-.00243	.05028	.85418	.00015	.01232

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55128	.77644	-.00251	.00333	-.00260	.0017	.04679	5.4082
Stddev	.01112	.00275	.00039	.00172	.00156	.0008	.00019	.1083
%RSD	2.0166	.35380	15.309	51.825	59.916	46.69	.41011	2.0026

#1	.53912	.77501	-.00209	.00530	-.00172	.0026	.04673	5.4221
#2	.56092	.77471	-.00261	.00212	-.00439	.0016	.04663	5.2936
#3	.55379	.77961	-.00284	.00256	-.00168	.0010	.04700	5.5088

Sample Name: K1697-02 Acquired: 3/12/2019 22:18:45 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-031119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.1941
 Stddev .8234
 %RSD 10.049

#1 9.1232
 #2 7.5546
 #3 7.9046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.1	38274.	5152.4	31.808	3609.5
Stddev	13.0	169.	23.7	1.195	26.6
%RSD	.34225	.44226	.45905	3.7581	.73817

#1	3782.2	38303.	5147.4	30.573	3590.0
#2	3802.5	38428.	5178.2	32.959	3639.9
#3	3806.5	38093.	5131.7	31.891	3598.6

Sample Name: K1697-04 Acquired: 3/12/2019 22:23:20 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00407	-.00322	.00053	.00168	-.00142	.12451	.05102	.00009
Stddev	.00136	.00144	.00130	.00273	.00129	.00329	.00336	.00004
%RSD	33.409	44.843	244.43	162.33	90.346	2.6407	6.5899	44.832

#1	-.00502	-.00167	.00109	-.00118	-.00196	.12123	.05472	.00009
#2	-.00251	-.00453	-.00096	.00427	.00004	.12449	.05021	.00005
#3	-.00469	-.00345	.00147	.00196	-.00236	.12781	.04815	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	13.601	.00058	.00456	.00165	.07920	.64980	1.5065
Stddev	.00017	.069	.00028	.00014	.00040	.00202	.00420	.0909
%RSD	82.292	.50589	48.931	3.0955	24.011	2.5524	.64635	6.0329

#1	-.00002	13.527	.00025	.00440	.00127	.07729	.64946	1.4065
#2	-.00025	13.612	.00072	.00461	.00161	.07900	.64578	1.5840
#3	-.00034	13.663	.00076	.00468	.00206	.08132	.65416	1.5290

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	.00076	264.44	-.00101	.02036	.63320	.00026	.01489
Stddev	.00025	.00057	5.05	.00006	.00006	.01849	.00011	.00498
%RSD	8.6630	74.745	1.9110	5.4319	.31667	2.9201	40.437	33.469

#1	.00295	.00097	260.97	-.00096	.02043	.61185	.00033	.02064
#2	.00257	.00012	262.11	-.00101	.02032	.64405	.00014	.01228
#3	.00304	.00121	270.24	-.00107	.02032	.64369	.00032	.01176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13607	.75981	-.00189	.00030	-.00450	.0034	.04637	5.1939
Stddev	.00607	.00978	.00044	.00213	.00148	.0012	.00029	.0864
%RSD	4.4577	1.2877	23.219	718.60	32.790	35.28	.61701	1.6633

#1	.14167	.76131	-.00142	.00209	-.00426	.0021	.04624	5.2396
#2	.13693	.74936	-.00195	-.00205	-.00316	.0044	.04618	5.0943
#3	.12963	.76875	-.00229	.00085	-.00609	.0037	.04670	5.2479

Sample Name: K1697-04 Acquired: 3/12/2019 22:23:20 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-031119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.356
Stddev	1.954
%RSD	18.869

#1	8.1604
#2	11.905
#3	11.002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3815.8	38581.	5224.9	32.269	3633.4
Stddev	18.1	87.	50.1	1.006	33.0
%RSD	.47428	.22630	.95839	3.1172	.90786

#1	3796.2	38535.	5249.5	32.527	3620.4
#2	3831.9	38682.	5258.0	31.159	3670.9
#3	3819.4	38527.	5167.3	33.120	3608.8

Sample Name: K1697-06 Acquired: 3/12/2019 22:27:55 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	-.00271	.00040	.00131	-.00283	.11051	.04915	.00015
Stddev	.00213	.00171	.00090	.00397	.00098	.00706	.00204	.00003
%RSD	66.641	63.114	224.49	303.72	34.642	6.3866	4.1438	18.624

#1	-.00075	-.00163	.00043	.00500	-.00396	.10869	.04735	.00016
#2	-.00462	-.00182	-.00051	.00181	-.00231	.10454	.04873	.00017
#3	-.00423	-.00469	.00128	-.00289	-.00222	.11830	.05136	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	14.179	-.00001	.00609	.00188	.12966	.62925	2.7759
Stddev	.00004	.103	.00023	.00011	.00010	.00332	.00148	.0379
%RSD	16.956	.72948	1759.1	1.7603	5.3486	2.5572	.23585	1.3663

#1	-.00025	14.060	.00004	.00610	.00196	.13345	.62898	2.7365
#2	-.00018	14.228	.00018	.00620	.00191	.12826	.63085	2.7791
#3	-.00023	14.250	-.00026	.00598	.00176	.12727	.62792	2.8121

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	.00114	307.85	-.00164	.02153	.94440	.00033	.00482
Stddev	.00009	.00010	1.23	.00024	.00011	.00637	.00033	.00322
%RSD	2.3819	8.9114	.39867	14.689	.50704	.67459	101.80	66.771

#1	.00370	.00119	306.44	-.00154	.02146	.93931	.00061	.00516
#2	.00388	.00121	308.46	-.00146	.02166	.94235	-.00004	.00145
#3	.00378	.00103	308.66	-.00191	.02147	.95155	.00041	.00785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20185	.45485	-.00213	-.00006	-.00284	.0001	.03927	5.2586
Stddev	.00921	.00670	.00106	.00026	.00366	.0025	.00042	.3312
%RSD	4.5614	1.4720	50.019	417.74	128.90	1713.	1.0688	6.2980

#1	.19692	.46211	-.00320	-.00035	-.00656	.0000	.03879	4.9359
#2	.21247	.45350	-.00212	.00015	.00076	.0028	.03945	5.5977
#3	.19616	.44893	-.00107	.00001	-.00272	-.0023	.03957	5.2422

Sample Name: K1697-06 Acquired: 3/12/2019 22:27:55 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-031119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.3978
Stddev	1.3752
%RSD	16.376

#1	8.1270
#2	7.1782
#3	9.8883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3826.6	38584.	5256.2	30.230	3588.6
Stddev	8.7	161.	16.6	.984	9.2
%RSD	.22723	.41653	.31672	3.2544	.25499

#1	3818.4	38523.	5274.5	31.268	3587.0
#2	3825.6	38462.	5252.1	30.111	3580.4
#3	3835.7	38766.	5242.0	29.311	3598.5

Sample Name: K1697-08 Acquired: 3/12/2019 22:32:31 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-031119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	-.00219	.00265	.00194	-.00377	.07668	.03750	.00007
Stddev	.00164	.00099	.00137	.00151	.00225	.00931	.00157	.00011
%RSD	60.509	45.454	51.847	78.023	59.546	12.135	4.1906	163.69

#1	-.00117	-.00329	.00197	.00020	-.00531	.08539	.03716	-.00002
#2	-.00254	-.00137	.00423	.00294	-.00119	.06687	.03921	.00019
#3	-.00444	-.00191	.00176	.00268	-.00481	.07779	.03612	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	11.194	.00047	.00618	.00175	.06221	.60045	3.2916
Stddev	.00014	.016	.00046	.00029	.00031	.00278	.00149	.0047
%RSD	80.252	.14283	99.277	4.7551	17.881	4.4742	.24745	.14361

#1	-.00034	11.204	-.00003	.00629	.00211	.06048	.60045	3.2882
#2	-.00007	11.176	.00089	.00640	.00162	.06073	.59896	3.2896
#3	-.00012	11.203	.00054	.00585	.00153	.06542	.60194	3.2970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	.00119	236.74	-.00171	.01992	1.0072	.00031	.01024
Stddev	.00044	.00011	3.01	.00023	.00005	.0152	.00018	.00218
%RSD	13.088	9.6366	1.2727	13.392	.25925	1.5131	57.437	21.276

#1	.00383	.00107	234.80	-.00146	.01992	1.0223	.00015	.01275
#2	.00330	.00130	235.22	-.00191	.01997	.99182	.00050	.00903
#3	.00296	.00119	240.21	-.00176	.01987	1.0073	.00027	.00893

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18988	.39889	-.00260	-.00071	-.00348	-.0010	.02888	5.0968
Stddev	.01438	.00765	.00036	.00045	.00080	.0008	.00009	.1506
%RSD	7.5708	1.9189	13.800	63.056	23.129	81.96	.31236	2.9549

#1	.18081	.39627	-.00299	-.00028	-.00328	-.0017	.02878	5.2431
#2	.18237	.39289	-.00228	-.00068	-.00279	-.0013	.02891	4.9422
#3	.20645	.40751	-.00255	-.00118	-.00436	-.0001	.02896	5.1052

Sample Name: K1697-08 Acquired: 3/12/2019 22:32:31 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-031119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.8677
 Stddev 1.3821
 %RSD 17.566

#1 7.8637
 #2 9.2517
 #3 6.4876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.5	39351.	5332.2	31.445	3667.8
Stddev	7.7	212.	48.7	1.676	20.9
%RSD	.19819	.53984	.91318	5.3294	.57107

#1	3872.5	39185.	5330.8	33.377	3658.1
#2	3857.9	39590.	5381.6	30.577	3653.4
#3	3869.2	39278.	5284.2	30.382	3691.8

Sample Name: K1844-10 Acquired: 3/12/2019 22:37:07 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TOTE-1-3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	-.00567	.01352	-.01105	-.00643	-.36471	.63465	-.00008
Stddev	.00096	.00174	.00081	.00395	.00113	.04697	.00634	.00010
%RSD	35.929	30.720	6.0142	35.709	17.511	12.880	.99827	114.21

#1	-.00326	-.00729	.01401	-.01308	-.00763	-.36103	.64194	-.00007
#2	-.00157	-.00589	.01258	-.01356	-.00625	-.31969	.63048	-.00018
#3	-.00322	-.00383	.01397	-.00650	-.00541	-.41342	.63152	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	1350.6	-.00218	.00033	.00024	-.00126	4.3717	4.9479
Stddev	.00003	16.5	.00032	.00014	.00075	.00172	.0018	.0588
%RSD	6.0785	1.2218	14.550	40.957	306.61	137.33	.04041	1.1891

#1	-.00052	1348.3	-.00183	.00030	.00038	.00073	4.3731	4.9561
#2	-.00054	1335.3	-.00227	.00048	-.00056	-.00237	4.3697	5.0022
#3	-.00048	1368.1	-.00245	.00022	.00091	-.00213	4.3721	4.8854

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00435	-.00590	8.6661	-.01031	.02046	3.1030	.00483	.03034
Stddev	.00012	.00063	.1044	.00034	.00031	.0544	.00029	.00439
%RSD	2.8613	10.654	1.2045	3.3019	1.5208	1.7547	6.0345	14.477

#1	-.00421	-.00592	8.7545	-.01003	.02015	3.0529	.00450	.03142
#2	-.00445	-.00652	8.5509	-.01069	.02077	3.1610	.00494	.03409
#3	-.00438	-.00527	8.6929	-.01021	.02045	3.0951	.00505	.02551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6852	.27288	.00139	-.04642	.13509	.0047	.88660	6.4634
Stddev	.0561	.00525	.00062	.00090	.00318	.0025	.00977	.1437
%RSD	3.3322	1.9238	44.799	1.9399	2.3563	53.04	1.1024	2.2228

#1	1.6980	.27869	.00078	-.04539	.13146	.0076	.89146	6.6068
#2	1.6237	.26848	.00202	-.04706	.13737	.0036	.87535	6.4639
#3	1.7338	.27147	.00135	-.04682	.13646	.0030	.89300	6.3195

Sample Name: K1844-10 Acquired: 3/12/2019 22:37:07 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOTE-1-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 42.576
Stddev .503
%RSD 1.1815

#1 43.005
#2 42.023
#3 42.702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.9	35419.	5010.2	29.370	3200.1
Stddev	2.7	142.	58.4	.840	5.9
%RSD	.07825	.40093	1.1653	2.8605	.18444

#1	3458.5	35267.	4959.3	29.602	3206.5
#2	3463.1	35439.	5074.0	30.070	3199.0
#3	3458.3	35549.	4997.3	28.439	3194.8

Sample Name: K1845-01 Acquired: 3/12/2019 22:41:43 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ETGI-294 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01059	-.00157	-.00083	.00243	-.00442	.20460	.00183	.00006
Stddev	.00110	.00113	.00099	.00080	.00085	.01305	.00221	.00004
%RSD	10.398	72.190	119.81	32.892	19.286	6.3775	120.86	62.133
#1	.00961	-.00064	-.00013	.00327	-.00530	.19985	.00232	.00009
#2	.01178	-.00284	-.00038	.00234	-.00360	.21936	-.00059	.00002
#3	.01036	-.00124	-.00196	.00168	-.00436	.19460	.00374	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	19.966	.00115	-.00037	-.00066	.00579	.02388	.34283
Stddev	.00005	.048	.00038	.00007	.00045	.00105	.00009	.00365
%RSD	17.776	.23902	33.565	19.423	67.517	18.119	.37919	1.0636
#1	-.00030	19.964	.00152	-.00046	-.00017	.00693	.02379	.34626
#2	-.00034	19.920	.00075	-.00034	-.00078	.00557	.02397	.33900
#3	-.00024	20.015	.00117	-.00032	-.00104	.00487	.02388	.34323
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	.00103	278.75	.02374	.05562	.87622	.00071	.04637
Stddev	.00038	.00005	2.36	.00026	.00005	.03362	.00038	.00395
%RSD	13.292	5.0854	.84484	1.0861	.08994	3.8367	53.266	8.5124
#1	.00251	.00104	277.33	.02392	.05567	.86821	.00114	.04317
#2	.00278	.00108	281.47	.02384	.05557	.84732	.00053	.05078
#3	.00326	.00097	277.45	.02344	.05562	.91311	.00045	.04515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.197	.53282	-.00606	-.00201	.00387	.0942	.03959	5.1294
Stddev	.054	.00221	.00101	.00033	.00274	.0004	.00003	.1156
%RSD	.48154	.41393	16.592	16.641	70.862	.3841	.08259	2.2537
#1	11.212	.53418	-.00676	-.00167	.00394	.0947	.03962	5.1602
#2	11.137	.53027	-.00651	-.00234	.00109	.0941	.03955	5.2265
#3	11.241	.53400	-.00491	-.00201	.00657	.0940	.03959	5.0015

Sample Name: K1845-01 Acquired: 3/12/2019 22:41:43 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ETGI-294 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.677
Stddev	.848
%RSD	7.9459

#1	11.644
#2	10.057
#3	10.330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.4	38766.	5200.5	33.530	3668.4
Stddev	15.8	170.	16.0	.432	13.7
%RSD	.41247	.43800	.30684	1.2884	.37432

#1	3821.0	38652.	5182.8	33.332	3656.2
#2	3838.6	38686.	5205.0	34.025	3665.6
#3	3852.5	38961.	5213.8	33.232	3683.3

Sample Name: CCV12 Acquired: 3/12/2019 22:46:19 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14667 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1047	5.2729	5.1523	5.1599	5.1393	10.347	10.030	.26166
Stddev	.0079	.0098	.0057	.0201	.0258	.103	.009	.00044
%RSD	.15437	.18485	.11051	.38989	.50180	.99825	.09149	.16969
#1	5.1042	5.2772	5.1485	5.1667	5.1474	10.236	10.025	.26129
#2	5.0970	5.2797	5.1589	5.1758	5.1601	10.440	10.040	.26215
#3	5.1128	5.2617	5.1496	5.1373	5.1105	10.364	10.024	.26155
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5331	25.516	1.0896	2.6041	1.2742	5.1990	2.6371	25.196
Stddev	.0048	.049	.0027	.0042	.0031	.0250	.0009	.120
%RSD	.19091	.19061	.24499	.16249	.24242	.48021	.03582	.47572
#1	2.5314	25.466	1.0866	2.6025	1.2774	5.1937	2.6366	25.086
#2	2.5386	25.517	1.0907	2.6089	1.2739	5.1772	2.6382	25.178
#3	2.5294	25.563	1.0915	2.6008	1.2712	5.2262	2.6365	25.324
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5304	1.3597	25.637	2.6655	2.6220	26.625	5.0977	4.7778
Stddev	.0050	.0033	.057	.0049	.0048	.061	.0180	.0138
%RSD	.19911	.24498	.22410	.18337	.18187	.22909	.35253	.28891
#1	2.5304	1.3571	25.650	2.6629	2.6230	26.570	5.1166	4.7935
#2	2.5354	1.3586	25.687	2.6711	2.6262	26.691	5.0955	4.7721
#3	2.5254	1.3635	25.574	2.6623	2.6168	26.615	5.0809	4.7677
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9463	5.0167	4.9870	5.0459	4.5501	5.169	5.1182	4.8287
Stddev	.0125	.0171	.0067	.0176	.0165	.011	.0094	.1068
%RSD	.25334	.34032	.13441	.34926	.36220	.2022	.18287	2.2107
#1	4.9385	5.0074	4.9838	5.0262	4.5380	5.163	5.1105	4.8036
#2	4.9607	5.0063	4.9947	5.0601	4.5688	5.181	5.1286	4.7368
#3	4.9396	5.0364	4.9825	5.0514	4.5433	5.164	5.1155	4.9458

Sample Name: CCV12 Acquired: 3/12/2019 22:46:19 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14667 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9616
Stddev 1.6726
%RSD 56.476

#1 1.0607
#2 4.2076
#3 3.6165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3963.1	40452.	5260.3	30.646	3720.8
Stddev	11.6	67.	7.4	2.161	6.7
%RSD	.29357	.16502	.13978	7.0511	.18041

#1	3953.5	40514.	5258.1	31.988	3719.5
#2	3959.8	40460.	5268.5	28.154	3714.9
#3	3976.1	40382.	5254.3	31.797	3728.1

Sample Name: CCB12 Acquired: 3/12/2019 22:50:19 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14667 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	.00084	-.00189	.00162	-.00091	-.01002	-.02222
Stddev	.00163	.00074	.00039	.00344	.00199	.01205	.00059
%RSD	96.228	88.425	20.429	213.01	218.45	120.18	2.6679

#1	-.00295	-.00001	-.00211	.00502	.00026	-.01249	-.02288
#2	.00015	.00118	-.00145	-.00187	-.00320	-.02065	-.02206
#3	-.00229	.00134	-.00212	.00170	.00022	.00307	-.02173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00020	.00881	-.00095	-.00010	-.00141	-.00019
Stddev	.00006	.00004	.00552	.00033	.00017	.00020	.00021
%RSD	409.51	20.404	62.615	34.279	173.72	14.239	111.30

#1	.00007	-.00024	.00966	-.00082	.00002	-.00163	-.00036
#2	-.00003	-.00019	.01386	-.00132	-.00029	-.00123	.00004
#3	-.00000	-.00016	.00292	-.00071	-.00003	-.00137	-.00024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.02421	.00033	.00108	-.15590	-.00061	-.00029
Stddev	.00003	.04618	.00023	.00065	.00659	.00033	.00007
%RSD	28.136	190.71	70.555	59.672	4.2243	53.541	23.026

#1	.00009	.02908	.00060	.00153	-.16300	-.00091	-.00022
#2	.00012	-.04929	.00018	.00138	-.14999	-.00065	-.00031
#3	.00007	-.05243	.00021	.00034	-.15469	-.00026	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13262	.00038	.00335	F -.03071	.00388	-.00161	-.00071
Stddev	.00694	.00033	.00647	.00853	.00447	.00009	.00100
%RSD	5.2345	87.975	193.17	27.763	115.24	5.7264	140.89

#1	.13649	.00075	.00507	-.02806	.00651	-.00158	-.00158
#2	.13675	.00023	.00879	-.04025	-.00128	-.00154	-.00095
#3	.12460	.00014	-.00380	-.02382	.00642	-.00171	.00039

Sample Name: CCB12 Acquired: 3/12/2019 22:50:19 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14667 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01291	-.0021	.00018	F 3.6621	F .13896
Stddev	.00520	.0008	.00010	.0711	1.2610
%RSD	40.332	38.82	54.009	1.9406	907.45

#1	-.01883	-.0012	.00020	3.7441	.02045
#2	-.01083	-.0029	.00008	3.6206	1.4550
#3	-.00905	-.0023	.00027	3.6215	-1.0586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4123.7	42645.	5311.8	31.942	4171.5
Stddev	12.0	173.	7.8	1.369	4.3
%RSD	.29047	.40546	.14777	4.2869	.10386

#1	4112.1	42470.	5306.9	32.525	4167.6
#2	4123.1	42651.	5307.7	32.923	4170.6
#3	4136.0	42815.	5320.9	30.377	4176.1

Sample Name: K1846-04 Acquired: 3/12/2019 22:54:48 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00357	.00902	.00170	-.00342	.11015	.09407	.00012
Stddev	.00375	.00180	.00054	.00464	.00102	.01381	.00586	.00010
%RSD	2039.9	50.376	6.0211	273.76	29.963	12.541	6.2319	82.434

#1	-.00042	-.00307	.00929	-.00366	-.00262	.12135	.09221	.00018
#2	-.00381	-.00207	.00938	.00428	-.00457	.09471	.08936	.00001
#3	.00368	-.00556	.00839	.00447	-.00306	.11438	.10063	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	34.606	-.00009	.00314	.00113	.05552	1.0427	2.3722
Stddev	.00006	.070	.00054	.00008	.00020	.00188	.0019	.0947
%RSD	92.583	.20338	622.85	2.5855	17.649	3.3886	.17840	3.9935

#1	-.00008	34.565	-.00002	.00317	.00136	.05639	1.0406	2.4797
#2	-.00012	34.565	.00041	.00320	.00102	.05336	1.0440	2.3008
#3	.00000	34.687	-.00065	.00305	.00101	.05681	1.0435	2.3363

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	.00046	261.38	-.00261	.05098	2.2078	.00082	.00889
Stddev	.00035	.00031	5.02	.00032	.00034	.0399	.00030	.01279
%RSD	8.0194	67.928	1.9189	12.322	.67099	1.8079	36.254	143.82

#1	.00427	.00074	265.85	-.00236	.05067	2.1626	.00073	.00938
#2	.00480	.00012	255.95	-.00251	.05134	2.2227	.00058	.02143
#3	.00414	.00053	262.32	-.00297	.05092	2.2382	.00115	-.00413

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74613	1.5258	-.00098	.00119	-.00647	.0226	.14193	4.9730
Stddev	.02213	.0513	.00015	.00358	.00077	.0027	.00021	.2045
%RSD	2.9660	3.3599	14.964	301.05	11.948	11.98	.14764	4.1119

#1	.75296	1.5734	-.00113	.00464	-.00673	.0226	.14200	4.7542
#2	.76404	1.4715	-.00097	-.00251	-.00709	.0198	.14169	5.1593
#3	.72139	1.5325	-.00084	.00143	-.00561	.0252	.14209	5.0054

Sample Name: K1846-04 Acquired: 3/12/2019 22:54:48 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.065
Stddev	1.103
%RSD	9.9727

#1	10.859
#2	12.257
#3	10.079

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.2	39043.	5303.4	30.995	3650.1
Stddev	8.6	45.	106.8	.305	42.4
%RSD	.22479	.11613	2.0140	.98386	1.1616

#1	3841.2	38997.	5227.8	30.682	3699.0
#2	3843.2	39087.	5425.6	31.291	3623.6
#3	3857.1	39044.	5256.8	31.014	3627.7

Sample Name: K1846-08 Acquired: 3/12/2019 22:59:23 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-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	-.00323	-.00281	.03764	.00251	-.00367	.12406	.09230	.00008
Stddev	.00043	.00093	.00139	.00206	.00172	.00323	.00430	.00002
%RSD	13.208	33.222	3.7060	82.176	46.727	2.6064	4.6630	32.453

#1	-.00345	-.00336	.03907	.00304	-.00557	.12272	.08773	.00010
#2	-.00274	-.00173	.03756	.00425	-.00323	.12170	.09628	.00007
#3	-.00350	-.00333	.03628	.00023	-.00222	.12774	.09288	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	29.699	.00056	.00561	.00404	.44679	.87287	1.7869
Stddev	.00008	.113	.00009	.00027	.00022	.00359	.00008	.0270
%RSD	80.243	.38086	15.867	4.7881	5.4681	.80419	.00906	1.5106

#1	-.00016	29.585	.00066	.00548	.00428	.45029	.87296	1.7585
#2	-.00001	29.811	.00049	.00543	.00386	.44698	.87281	1.8123
#3	-.00011	29.701	.00054	.00592	.00398	.44311	.87283	1.7898

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	.00062	241.56	-.00139	.08012	1.8799	.00052	.01598
Stddev	.00034	.00032	2.58	.00046	.00023	.0257	.00009	.00634
%RSD	5.6973	51.706	1.0675	33.275	.28095	1.3677	16.599	39.671

#1	.00570	.00084	240.23	-.00189	.08000	1.9094	.00042	.02283
#2	.00584	.00077	239.92	-.00130	.07998	1.8681	.00058	.01476
#3	.00634	.00025	244.53	-.00097	.08038	1.8623	.00057	.01033

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2400	1.5953	-.00239	.00046	-.00555	.0293	.11063	5.1616
Stddev	.0125	.0155	.00051	.00104	.00143	.0011	.00023	.0224
%RSD	1.0102	.97109	21.227	228.65	25.795	3.915	.21187	.43456

#1	1.2297	1.6131	-.00203	.00148	-.00390	.0287	.11045	5.1366
#2	1.2364	1.5849	-.00297	.00050	-.00624	.0286	.11089	5.1680
#3	1.2539	1.5880	-.00217	-.00061	-.00649	.0306	.11053	5.1801

Sample Name: K1846-08 Acquired: 3/12/2019 22:59:23 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.639
 Stddev .076
 %RSD .71809

#1 10.593
 #2 10.596
 #3 10.727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3835.9	38887.	5213.2	31.118	3656.9
Stddev	4.9	43.	30.2	1.823	18.3
%RSD	.12857	.11106	.57944	5.8576	.50141

#1	3832.5	38921.	5182.6	29.620	3669.5
#2	3833.7	38901.	5243.0	33.148	3665.4
#3	3841.6	38838.	5214.1	30.586	3635.8

Sample Name: K1846-12 Acquired: 3/12/2019 23:03:57 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-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	.00169	-.00403	.00072	.00251	-.00178	.11468	.09079	.00003
Stddev	.00218	.00070	.00075	.00181	.00079	.01605	.00447	.00007
%RSD	128.85	17.426	103.84	72.202	44.332	13.994	4.9219	215.42

#1	.00321	-.00480	.00039	.00428	-.00158	.09618	.09103	.00010
#2	-.00081	-.00388	.00158	.00260	-.00111	.12478	.08621	-.00005
#3	.00268	-.00342	.00020	.00066	-.00266	.12309	.09513	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	6.3102	.00454	.00185	.00550	.38905	1.3874	2.9392
Stddev	.00008	.0364	.00051	.00017	.00018	.00106	.0027	.0768
%RSD	35.752	.57688	11.134	8.9638	3.2264	.27248	.19372	2.6138

#1	-.00027	6.2808	.00510	.00203	.00538	.38790	1.3865	2.8569
#2	-.00014	6.2988	.00440	.00181	.00570	.38927	1.3905	3.0091
#3	-.00030	6.3509	.00412	.00170	.00541	.38998	1.3853	2.9515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00107	263.48	-.00351	.02358	2.7316	.00009	.00573
Stddev	.00019	.00002	4.09	.00028	.00032	.0087	.00023	.00356
%RSD	11.025	2.0848	1.5528	8.0960	1.3472	.31765	253.14	62.098

#1	.00148	.00105	260.04	-.00337	.02395	2.7251	.00027	.00478
#2	.00183	.00108	268.01	-.00333	.02336	2.7414	-.00017	.00967
#3	.00176	.00109	262.39	-.00384	.02344	2.7282	.00018	.00275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22597	.48863	-.00239	.00294	-.00424	.0881	.03562	5.2323
Stddev	.01558	.00189	.00074	.00170	.00103	.0011	.00015	.0617
%RSD	6.8959	.38602	31.020	57.910	24.245	1.289	.41900	1.1793

#1	.24323	.48647	-.00322	.00116	-.00505	.0875	.03550	5.2010
#2	.21294	.48945	-.00211	.00311	-.00308	.0874	.03579	5.3034
#3	.22174	.48997	-.00182	.00454	-.00457	.0894	.03558	5.1925

Sample Name: K1846-12 Acquired: 3/12/2019 23:03:57 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.2490
Stddev	1.5341
%RSD	29.226

#1	5.6480
#2	3.5549
#3	6.5442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.2	38750.	5148.4	31.334	3681.7
Stddev	6.1	136.	10.2	.904	47.3
%RSD	.15797	.35079	.19868	2.8863	1.2854

#1	3861.9	38668.	5156.8	31.964	3630.3
#2	3868.5	38675.	5137.0	30.298	3691.2
#3	3874.1	38907.	5151.3	31.741	3723.5

Sample Name: K1849-01 Acquired: 3/12/2019 23:08:33 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C1355-PC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00823	.48166	.00051	.04495	.49027	.68278	.00005
Stddev	.00513	.00060	.00150	.00651	.00126	.03764	.00578	.00004
%RSD	161.94	7.3155	.31215	1264.0	2.7942	7.6770	.84667	77.740

#1	.00532	-.00753	.48229	-.00159	.04482	.45895	.67660	.00008
#2	-.00269	-.00854	.48274	-.00468	.04626	.53203	.68806	.00001
#3	.00687	-.00860	.47994	.00781	.04376	.47985	.68369	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07738	113.18	.00976	.05057	.02960	.83472	.13496	1.7226
Stddev	.00029	1.32	.00029	.00020	.00040	.00919	.00088	.0219
%RSD	.37739	1.1661	2.9768	.38851	1.3676	1.1014	.65277	1.2722

#1	.07726	114.40	.00946	.05058	.02995	.84486	.13448	1.7276
#2	.07772	113.36	.00976	.05077	.02915	.83239	.13442	1.6987
#3	.07718	111.78	.01004	.05038	.02969	.82692	.13598	1.7416

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	.00020	276.39	.01442	19.945	7.9775	-.00118	.03849
Stddev	.00072	.00040	3.61	.00015	.041	.0764	.00035	.00613
%RSD	12.565	196.73	1.3071	1.0597	.20385	.95713	29.532	15.916

#1	.00506	-.00016	278.08	.01430	19.992	7.8975	-.00110	.04523
#2	.00568	.00014	278.84	.01436	19.928	8.0496	-.00155	.03325
#3	.00650	.00063	272.24	.01459	19.916	7.9855	-.00087	.03700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.304	1.5863	-.01180	.33331	.06759	.1522	.84856	5.4513
Stddev	.098	.0306	.00022	.01562	.00125	.0026	.01182	.1770
%RSD	.29335	1.9268	1.8956	4.6863	1.8531	1.700	1.3924	3.2467

#1	33.192	1.6198	-.01171	.31706	.06897	.1538	.85912	5.3256
#2	33.352	1.5793	-.01163	.33466	.06729	.1492	.85075	5.6537
#3	33.369	1.5599	-.01205	.34821	.06652	.1536	.83580	5.3746

Sample Name: K1849-01 Acquired: 3/12/2019 23:08:33 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C1355-PC Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.406
Stddev	1.213
%RSD	8.4192

#1	13.272
#2	15.685
#3	14.261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.0	37965.	5128.5	30.768	3543.1
Stddev	11.3	195.	101.4	1.132	8.1
%RSD	.30255	.51279	1.9778	3.6798	.22950

#1	3729.9	38084.	5030.9	31.790	3537.5
#2	3715.9	37741.	5121.2	29.551	3539.4
#3	3738.2	38071.	5233.4	30.963	3552.4

Sample Name: K1849-03 Acquired: 3/12/2019 23:13:02 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: H1308-PC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00641	-.00569	1.0720	.00134	.00537	.18661	-.01106	.00005
Stddev	.00037	.00165	.0046	.00066	.00232	.02829	.00573	.00010
%RSD	5.8512	29.103	.42633	49.334	43.301	15.161	51.830	214.74
#1	-.00677	-.00393	1.0669	.00197	.00652	.16670	-.00791	.00009
#2	-.00643	-.00591	1.0732	.00065	.00689	.17413	-.00759	-.00007
#3	-.00602	-.00722	1.0758	.00142	.00269	.21900	-.01767	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09230	87.142	.00369	.04403	.06498	.05965	.06369	.42209
Stddev	.00050	.284	.00023	.00033	.00026	.00181	.00047	.01950
%RSD	.53947	.32542	6.2452	.73909	.39411	3.0322	.74313	4.6198
#1	.09174	87.007	.00374	.04365	.06483	.06041	.06422	.44018
#2	.09251	86.951	.00390	.04423	.06528	.06096	.06331	.42465
#3	.09266	87.468	.00344	.04420	.06484	.05759	.06354	.40143
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00594	.00034	320.18	.00560	14.802	2.7329	-.00071	.01845
Stddev	.00048	.00074	3.07	.00024	.078	.0517	.00023	.00645
%RSD	8.1069	218.87	.95944	4.2661	.52550	1.8917	32.306	34.985
#1	.00643	.00120	321.20	.00583	14.714	2.6778	-.00045	.01947
#2	.00546	-.00013	322.62	.00535	14.859	2.7803	-.00079	.01154
#3	.00593	-.00005	316.73	.00562	14.835	2.7406	-.00088	.02433
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.364	.19059	-.02456	.01506	.01123	.0941	.21596	5.5462
Stddev	.378	.00288	.00077	.00214	.00137	.0013	.00036	.1795
%RSD	.61531	1.5137	3.1264	14.210	12.207	1.427	.16567	3.2372
#1	60.937	.19377	-.02370	.01641	.00965	.0928	.21584	5.3394
#2	61.504	.18814	-.02518	.01259	.01204	.0955	.21567	5.6365
#3	61.652	.18987	-.02479	.01617	.01201	.0942	.21636	5.6626

Sample Name: K1849-03 Acquired: 3/12/2019 23:13:02 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: H1308-PC Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.524
Stddev	1.366
%RSD	8.8009

#1	16.580
#2	13.981
#3	16.012

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3740.6	37879.	5156.1	30.106	3515.8
Stddev	6.1	152.	33.3	.797	19.8
%RSD	.16254	.40064	.64576	2.6475	.56221

#1	3739.3	38055.	5119.1	30.226	3535.6
#2	3735.2	37792.	5183.8	30.837	3496.1
#3	3747.2	37792.	5165.2	29.256	3515.7

Sample Name: K1849-05 Acquired: 3/12/2019 23:17:32 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PUMP-PC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00491	-.00400	.10500	-.00123	-.00321	.12901	-.02208	-.00000
Stddev	.00319	.00048	.00061	.00397	.00375	.00795	.00104	.00002
%RSD	65.012	12.104	.57834	323.88	116.82	6.1657	4.7139	40184.
#1	-.00844	-.00410	.10511	.00082	-.00037	.13334	-.02180	-.00002
#2	-.00221	-.00348	.10553	.00130	-.00747	.11983	-.02324	.00002
#3	-.00409	-.00443	.10434	-.00580	-.00181	.13387	-.02121	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	33.612	.00188	.00457	.01801	1.3919	.04668	.43826
Stddev	.00003	.119	.00019	.00015	.00017	.0138	.00017	.02167
%RSD	1.5448	.35419	10.262	3.1993	.92762	.99315	.36489	4.9457
#1	.00190	33.475	.00210	.00451	.01819	1.4074	.04649	.45022
#2	.00189	33.694	.00181	.00446	.01798	1.3877	.04681	.41324
#3	.00185	33.666	.00173	.00474	.01786	1.3807	.04675	.45132
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00349	.00075	284.05	.00085	2.5651	1.6056	.00001	.02615
Stddev	.00048	.00087	3.69	.00058	.0149	.0158	.00040	.00709
%RSD	13.742	115.66	1.2994	68.114	.58218	.98662	6566.5	27.101
#1	.00395	.00121	288.17	.00151	2.5487	1.6015	.00009	.02447
#2	.00353	-.00025	281.03	.00048	2.5778	1.5923	.00035	.03393
#3	.00299	.00129	282.96	.00055	2.5689	1.6231	-.00043	.02006
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3922	.27040	-.00207	.00674	.00123	.1251	.39736	5.2651
Stddev	.0303	.00164	.00036	.00228	.00149	.0017	.00181	.2009
%RSD	2.1792	.60808	17.394	33.751	121.16	1.372	.45614	3.8149
#1	1.3705	.27093	-.00179	.00657	.00281	.1254	.39944	5.4965
#2	1.4269	.27172	-.00195	.00456	-.00016	.1232	.39644	5.1356
#3	1.3793	.26856	-.00247	.00910	.00105	.1266	.39619	5.1632

Sample Name: K1849-05 Acquired: 3/12/2019 23:17:32 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PUMP-PC Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.8676
 Stddev .7484
 %RSD 9.5120

#1 7.4223
 #2 7.4489
 #3 8.7316

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3773.9	38505.	5164.6	29.914	3558.5
Stddev	5.2	172.	44.8	1.208	24.7
%RSD	.13838	.44573	.86820	4.0398	.69402

#1	3779.5	38307.	5115.1	30.749	3586.9
#2	3772.8	38605.	5176.1	28.528	3541.8
#3	3769.3	38604.	5202.6	30.464	3546.8

Sample Name: K1849-07 Acquired: 3/12/2019 23:22:05 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C135-CON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	-.00387	.00375	-.00052	-.00359	.21855	.01739	.00011
Stddev	.00183	.00139	.00087	.00298	.00122	.02310	.00395	.00009
%RSD	72.903	35.827	23.167	575.70	34.141	10.571	22.733	79.447

#1	-.00334	-.00547	.00433	-.00158	-.00218	.21829	.02184	.00003
#2	-.00041	-.00319	.00417	.00285	-.00438	.19558	.01607	.00021
#3	-.00378	-.00297	.00275	-.00283	-.00421	.24178	.01427	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	88.968	.00084	.00046	.00537	.03972	.07344	1.4212
Stddev	.00018	.375	.00024	.00029	.00031	.00112	.00059	.0420
%RSD	60.329	.42158	28.549	64.114	5.8041	2.8160	.80733	2.9561

#1	.00022	89.334	.00077	.00024	.00527	.04082	.07276	1.4079
#2	.00017	88.584	.00111	.00034	.00572	.03975	.07382	1.4682
#3	.00051	88.986	.00064	.00079	.00512	.03859	.07374	1.3874

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00346	.00085	309.01	.00023	.10102	.68751	.00016	.01028
Stddev	.00024	.00023	2.32	.00008	.00023	.02479	.00031	.00650
%RSD	6.9068	26.581	.75042	34.450	.22727	3.6057	196.26	63.214

#1	.00331	.00073	310.79	.00028	.10076	.71613	-.00019	.01731
#2	.00334	.00111	309.84	.00027	.10111	.67286	.00029	.00901
#3	.00374	.00071	306.39	.00014	.10120	.67354	.00037	.00451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5998	3.4753	-.00094	-.00105	.00653	.0017	.46669	5.3710
Stddev	.0271	.0116	.00077	.00240	.00282	.0007	.00180	.0180
%RSD	1.6918	.33407	81.940	228.65	43.171	42.39	.38485	.33591

#1	1.5757	3.4878	-.00182	-.00358	.00369	.0019	.46864	5.3751
#2	1.5948	3.4648	-.00065	-.00078	.00657	.0023	.46510	5.3512
#3	1.6291	3.4733	-.00036	.00120	.00933	.0009	.46634	5.3866

Sample Name: K1849-07 Acquired: 3/12/2019 23:22:05 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C135-CON Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.052
Stddev	.675
%RSD	4.8045

#1	13.282
#2	14.542
#3	14.333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.9	37955.	5130.9	30.260	3542.2
Stddev	5.2	52.	41.3	.959	28.6
%RSD	.13824	.13590	.80473	3.1695	.80857

#1	3752.7	38005.	5085.2	30.097	3574.2
#2	3748.6	37902.	5165.5	29.392	3533.3
#3	3742.5	37959.	5142.1	31.290	3519.0

Sample Name: K1849-09 Acquired: 3/12/2019 23:26:39 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: H1308-CON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00346	-.00165	.09728	.00152	.00240	.27341	.00634	.00008
Stddev	.00228	.00017	.00197	.00336	.00193	.00902	.00277	.00003
%RSD	65.898	10.396	2.0234	221.29	80.663	3.3002	43.694	34.744
#1	-.00260	-.00156	.09580	.00366	.00021	.27800	.00702	.00011
#2	-.00604	-.00185	.09652	.00325	.00310	.26302	.00871	.00006
#3	-.00173	-.00154	.09951	-.00236	.00387	.27922	.00330	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	33.587	.00697	.00224	.00803	.06693	.04150	1.4586
Stddev	.00003	.026	.00020	.00020	.00057	.00098	.00027	.0168
%RSD	1.4996	.07860	2.8216	9.0017	7.0871	1.4591	.64468	1.1492
#1	.00179	33.560	.00678	.00201	.00761	.06784	.04166	1.4406
#2	.00182	33.589	.00694	.00233	.00780	.06590	.04165	1.4738
#3	.00184	33.612	.00717	.00239	.00868	.06707	.04120	1.4614
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	.00131	256.34	.00326	.51375	5.8531	.00085	.00810
Stddev	.00040	.00057	1.22	.00085	.00093	.0350	.00025	.00485
%RSD	13.190	43.645	.47561	26.209	.18116	.59875	29.601	59.896
#1	.00338	.00158	257.75	.00288	.51483	5.8788	.00099	.00640
#2	.00308	.00065	255.62	.00266	.51318	5.8131	.00056	.00433
#3	.00259	.00169	255.65	.00424	.51325	5.8673	.00100	.01358
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1806	1.6786	-.00350	.00106	.03678	.0288	.34252	5.2031
Stddev	.0073	.0107	.00006	.00309	.00297	.0001	.00116	.1500
%RSD	.17355	.63690	1.8443	292.09	8.0775	.2659	.33866	2.8835
#1	4.1739	1.6908	-.00353	.00424	.03389	.0287	.34120	5.0349
#2	4.1883	1.6743	-.00354	.00087	.03662	.0288	.34295	5.3233
#3	4.1796	1.6708	-.00343	-.00193	.03982	.0288	.34339	5.2510

Sample Name: K1849-09 Acquired: 3/12/2019 23:26:39 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: H1308-CON Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.563
 Stddev 1.734
 %RSD 14.995

#1 11.254
 #2 13.431
 #3 10.005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.8	38521.	5167.3	31.369	3631.6
Stddev	9.4	117.	13.9	.835	22.2
%RSD	.24770	.30314	.26973	2.6609	.61044

#1	3816.7	38606.	5157.3	30.433	3657.1
#2	3799.9	38388.	5161.3	32.036	3617.8
#3	3815.8	38570.	5183.2	31.639	3619.7

Sample Name: K1849-11 Acquired: 3/12/2019 23:31:13 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PUMP-CON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00427	.00410	.00121	-.00346	.07581	.00862	.00007
Stddev	.00320	.00108	.00059	.00079	.00036	.01354	.00086	.00008
%RSD	889.02	25.366	14.481	65.058	10.350	17.858	10.020	113.60

#1	.00298	-.00309	.00459	.00032	-.00330	.07673	.00915	.00013
#2	.00131	-.00523	.00427	.00149	-.00321	.08886	.00762	.00010
#3	-.00321	-.00449	.00344	.00181	-.00388	.06183	.00909	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	162.27	.00155	-.00035	-.00033	.00426	.02333	2.1992
Stddev	.00007	.55	.00027	.00025	.00080	.00091	.00010	.1004
%RSD	22.170	.33955	17.619	72.625	240.75	21.237	.43884	4.5655

#1	-.00040	162.00	.00127	-.00063	-.00078	.00495	.02334	2.0892
#2	-.00025	162.90	.00181	-.00030	-.00080	.00461	.02343	2.2860
#3	-.00034	161.91	.00156	-.00012	.00059	.00324	.02323	2.2224

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	-.00070	281.34	.01168	.01026	1.7643	.00129	.05072
Stddev	.00053	.00028	2.10	.00070	.00003	.0465	.00021	.00599
%RSD	21.476	39.595	.74517	5.9820	.28906	2.6378	16.035	11.815

#1	.00287	-.00067	281.26	.01087	.01027	1.8180	.00143	.04840
#2	.00270	-.00044	283.47	.01215	.01028	1.7394	.00140	.04623
#3	.00187	-.00100	279.28	.01200	.01023	1.7356	.00106	.05752

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3172	2.2699	-.00313	-.00492	.02268	.0174	.67487	5.5382
Stddev	.0253	.0100	.00036	.00164	.00277	.0010	.00435	.0905
%RSD	.40074	.44120	11.467	33.396	12.217	5.750	.64415	1.6337

#1	6.2935	2.2746	-.00350	-.00489	.01960	.0170	.67674	5.4870
#2	6.3141	2.2766	-.00278	-.00658	.02347	.0168	.67797	5.6427
#3	6.3439	2.2584	-.00311	-.00329	.02497	.0186	.66991	5.4850

Sample Name: K1849-11 Acquired: 3/12/2019 23:31:13 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PUMP-CON Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.305
 Stddev .677
 %RSD 3.9140

#1 18.087
 #2 16.900
 #3 16.929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.9	37627.	5076.9	30.314	3538.3
Stddev	14.3	164.	28.2	1.950	50.5
%RSD	.38577	.43709	.55641	6.4341	1.4275

#1	3699.7	37631.	5054.4	28.681	3499.9
#2	3721.3	37461.	5067.8	29.788	3519.5
#3	3726.8	37790.	5108.6	32.474	3595.5

Sample Name: K1849-13 Acquired: 3/12/2019 23:35:49 Type: Unk
Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WINDOW-GLASS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00231	.01364	.00256	-.00260	.01258	-.00304
Stddev	.00120	.00147	.00078	.00175	.00046	.00327	.00288
%RSD	62.152	63.402	5.7047	68.402	17.674	26.008	94.793

#1	-.00055	-.00218	.01453	.00079	-.00264	.01119	-.00046
#2	-.00252	-.00384	.01310	.00429	-.00303	.01022	-.00615
#3	-.00271	-.00092	.01328	.00259	-.00212	.01631	-.00251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00050	2.6657	.00052	-.00023	.00925	3.2255
Stddev	.00004	.00008	.0141	.00047	.00011	.00017	.0260
%RSD	84.720	15.024	.52997	90.941	46.483	1.8913	.80562

#1	-.00003	-.00055	2.6497	-.00002	-.00015	.00924	3.2546
#2	-.00002	-.00041	2.6766	.00084	-.00019	.00908	3.2171
#3	-.00008	-.00054	2.6708	.00074	-.00035	.00943	3.2047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01652	.08882	.00495	.00082	325.00	-.00006	.02022
Stddev	.00011	.01603	.00006	.00067	.44	.00046	.00007
%RSD	.64450	18.050	1.1876	82.268	.13682	819.63	.33658

#1	.01656	.10472	.00501	.00118	325.49	.00032	.02020
#2	.01640	.08909	.00490	.00004	324.63	-.00056	.02016
#3	.01661	.07266	.00493	.00123	324.89	.00008	.02029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25179	.00033	.00326	.13401	.05804	-.00195	-.00112
Stddev	.01554	.00042	.00581	.01662	.00154	.00068	.00248
%RSD	6.1731	125.96	178.22	12.399	2.6536	34.978	221.06

#1	.23900	.00065	-.00121	.15317	.05966	-.00118	-.00317
#2	.26909	-.00014	.00116	.12370	.05789	-.00249	.00164
#3	.24728	.00049	.00982	.12515	.05659	-.00217	-.00183

Sample Name: K1849-13 Acquired: 3/12/2019 23:35:49 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WINDOW-GLASS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00790	.0003	.00063	5.4089	F<.00000
Stddev	.00130	.0014	.00005	.1533	2.0527
%RSD	16.514	446.8	7.2526	2.8349	97.354

#1	-.00896	-.0012	.00058	5.4300	-4.3841
#2	-.00830	.0015	.00067	5.2460	-.39677
#3	-.00644	.0007	.00065	5.5505	-1.5444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.4	38152.	5104.1	30.457	3584.0
Stddev	13.0	323.	44.4	1.112	11.9
%RSD	.34368	.84693	.87084	3.6497	.33203

#1	3786.9	38276.	5052.9	29.611	3586.8
#2	3792.6	38396.	5126.4	30.043	3594.3
#3	3767.8	37786.	5132.9	31.716	3571.0

Sample Name: CCV13 Acquired: 3/12/2019 23:40:26 Type: Unk
Method: P4-ICP2(v2936) 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	5.1039	5.2841	5.1574	5.1600	5.1211	10.339	10.077	.26085
Stddev	.0105	.0026	.0011	.0096	.0056	.069	.069	.00043
%RSD	.20515	.05004	.02209	.18589	.10964	.66255	.68091	.16446
#1	5.0980	5.2849	5.1574	5.1490	5.1170	10.339	10.149	.26114
#2	5.0978	5.2811	5.1585	5.1666	5.1188	10.270	10.071	.26036
#3	5.1160	5.2862	5.1563	5.1643	5.1275	10.407	10.012	.26106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5414	25.674	1.0936	2.6061	1.2788	5.2419	2.6425	25.452
Stddev	.0025	.116	.0012	.0026	.0013	.0333	.0044	.156
%RSD	.09983	.45340	.10847	.09997	.10362	.63571	.16739	.61385
#1	2.5441	25.550	1.0949	2.6069	1.2774	5.2661	2.6461	25.556
#2	2.5412	25.693	1.0933	2.6082	1.2791	5.2558	2.6376	25.528
#3	2.5391	25.780	1.0926	2.6032	1.2800	5.2039	2.6439	25.272
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5488	1.3562	25.946	2.6868	2.6171	26.745	5.1326	4.8465
Stddev	.0030	.0011	.238	.0079	.0049	.230	.0039	.0232
%RSD	.11919	.07826	.91918	.29444	.18558	.85845	.07533	.47858
#1	2.5470	1.3561	26.220	2.6919	2.6212	27.001	5.1298	4.8325
#2	2.5523	1.3551	25.833	2.6777	2.6184	26.676	5.1310	4.8337
#3	2.5470	1.3572	25.786	2.6908	2.6117	26.558	5.1370	4.8733
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9535	5.0258	5.0256	5.0661	4.5681	5.193	5.1167	4.9069
Stddev	.0246	.0200	.0155	.0048	.0332	.020	.0327	.0602
%RSD	.49703	.39767	.30806	.09527	.72699	.3796	.63877	1.2276
#1	4.9251	5.0471	5.0131	5.0704	4.5986	5.186	5.1512	4.9726
#2	4.9698	5.0075	5.0429	5.0609	4.5728	5.178	5.1127	4.8938
#3	4.9654	5.0227	5.0207	5.0670	4.5327	5.216	5.0862	4.8543

Sample Name: CCV13 Acquired: 3/12/2019 23:40:26 Type: Unk
 Method: P4-ICP2(v2936) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.7561
Stddev	.4832
%RSD	12.865

#1	4.1350
#2	3.9213
#3	3.2119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3955.5	40242.	5198.4	29.824	3705.6
Stddev	8.2	97.	29.8	1.951	3.0
%RSD	.20813	.24068	.57370	6.5432	.08211

#1	3963.9	40160.	5170.0	31.700	3706.9
#2	3955.1	40218.	5195.8	29.967	3702.1
#3	3947.4	40349.	5229.5	27.805	3707.8

Sample Name: CCB13 Acquired: 3/12/2019 23:44:27 Type: Unk
 Method: P4-ICP2(v2936) 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	-.00051	.00107	-.00149	.00213	-.00057	-.00179	-.01787
Stddev	.00271	.00034	.00057	.00073	.00206	.00235	.00293
%RSD	535.57	31.697	38.282	34.095	359.96	131.11	16.406

#1	-.00294	.00143	-.00104	.00289	.00129	-.00197	-.02124
#2	-.00099	.00100	-.00213	.00145	-.00022	-.00405	-.01597
#3	.00241	.00077	-.00130	.00204	-.00279	.00064	-.01638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00013	-.00476	-.00023	-.00009	-.00128	.00036
Stddev	.00003	.00009	.01276	.00020	.00015	.00025	.00192
%RSD	256.27	67.929	268.03	88.759	158.66	19.276	526.86

#1	-.00002	-.00016	-.01914	-.00003	.00002	-.00154	-.00011
#2	.00004	-.00003	-.00037	-.00022	-.00026	-.00104	.00247
#3	.00002	-.00019	.00522	-.00043	-.00004	-.00127	-.00127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02308	-.00017	.00133	-.08482	-.00031	.00013
Stddev	.00001	.04985	.00001	.00054	.01966	.00015	.00009
%RSD	86.129	216.00	5.7632	40.335	23.174	46.186	64.208

#1	.00002	-.06687	-.00018	.00073	-.06465	-.00021	.00023
#2	.00002	-.03354	-.00017	.00177	-.08590	-.00048	.00010
#3	.00000	.03117	-.00017	.00150	-.10392	-.00025	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08149	.00041	.00321	F -.02508	.00307	-.00231	-.00109
Stddev	.01549	.00013	.00822	.00611	.00049	.00059	.00156
%RSD	19.009	31.863	256.06	24.350	15.908	25.759	143.41

#1	.06585	.00045	.00923	-.03152	.00346	-.00224	.00023
#2	.08181	.00026	.00655	-.01937	.00322	-.00175	-.00068
#3	.09682	.00051	-.00615	-.02436	.00252	-.00294	-.00281

Sample Name: CCB13 Acquired: 3/12/2019 23:44:27 Type: Unk
 Method: P4-ICP2(v2936) 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	-0.00943	-0.0010	.00012	F 3.6356	F .33779
Stddev	.00144	.0009	.00013	.0936	1.1675
%RSD	15.255	87.21	114.43	2.5759	345.63
#1	-0.01085	-0.0004	.00024	3.7304	.50031
#2	-0.00948	-0.0007	.00014	3.6332	-.90247
#3	-0.00797	-0.0021	-.00003	3.5431	1.4155
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4114.4	42285.	5193.9	32.057	4159.2
Stddev	10.4	200.	27.3	1.201	6.2
%RSD	.25282	.47367	.52510	3.7454	.14882
#1	4113.8	42208.	5219.9	31.355	4157.9
#2	4125.0	42134.	5165.5	33.443	4165.9
#3	4104.3	42512.	5196.2	31.373	4153.7