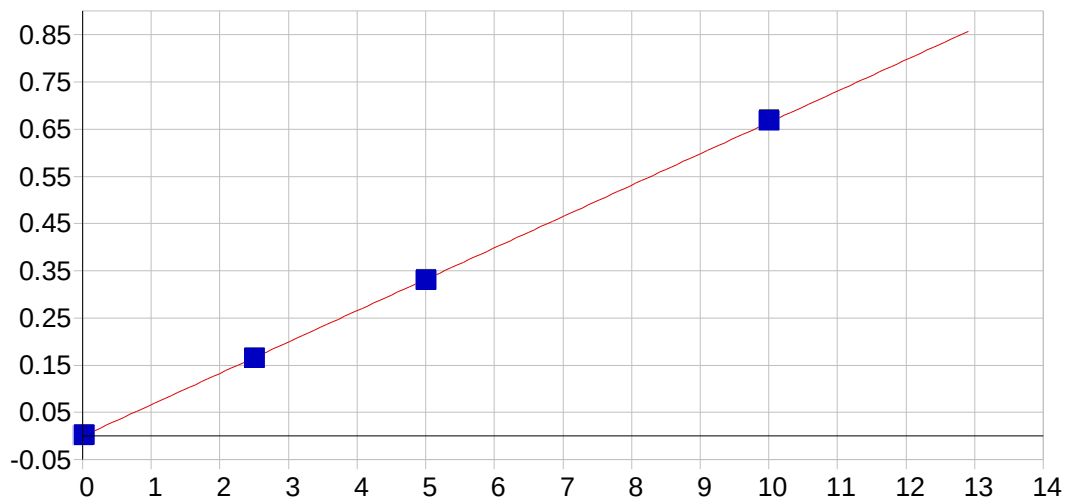


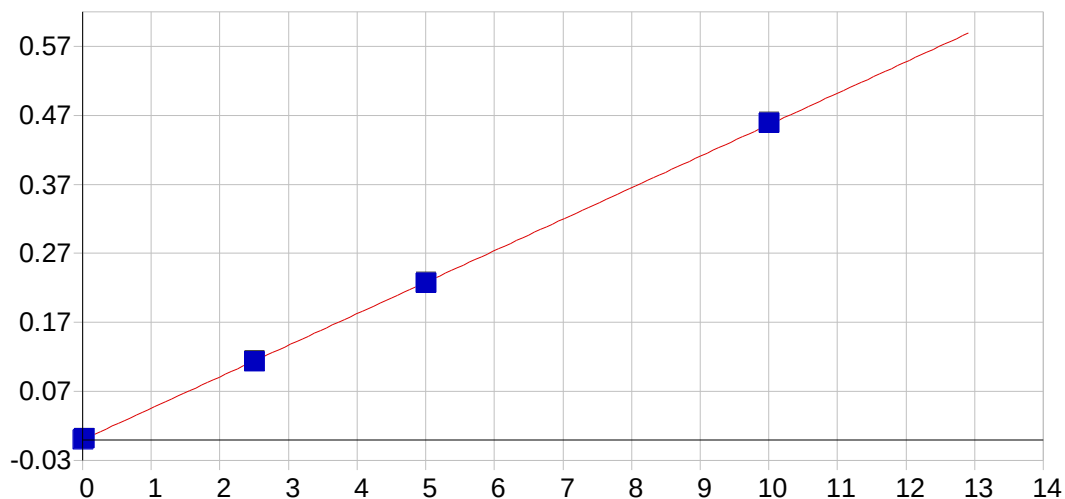


As 189.042 {478}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000263 Re-Slope: 1.000000
 A1 (Gain): 0.066455 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000388
 Predicted MDL: 0.002524
 Predicted MQL: 0.008412

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	-.00023	.000	0
S1	.02000	.02024	.000	1.19	.00108	.000	1
S3	2.5000	2.4695	-.030	-1.22	.16384	.000	1
S4	5.0000	4.9724	-.028	-.553	.33015	.001	1
S5	10.000	10.058	.058	.579	.66809	.001	1



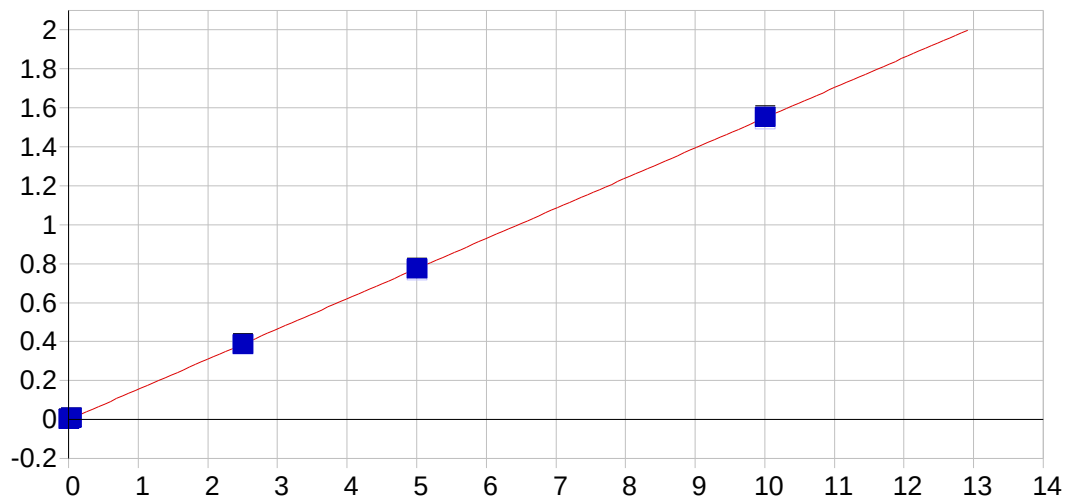
As 189.042 {479}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000

A1 (Gain): 0.045637 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002362
 Predicted MQL: 0.007874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00000	.000	1
S1	.02000	.02563	.006	28.1	.00117	.000	1
S3	2.5000	2.4719	-.028	-1.12	.11281	.000	1
S4	5.0000	4.9801	-.020	-.399	.22728	.001	1
S5	10.000	10.042	.042	.424	.45831	.001	1

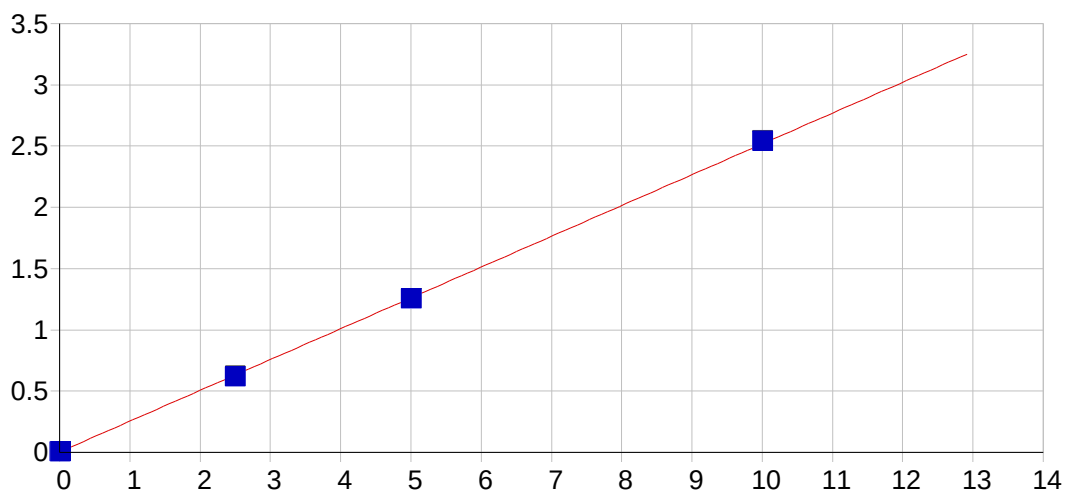


TI 190.856 {477}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.154859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.000961
 Predicted MQL: 0.003203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.04000	.04395	.004	9.88	.00665	.000	1
S3	2.5000	2.4892	-.011	-.434	.38151	.001	1
S4	5.0000	4.9793	-.021	-.414	.76316	.004	1
S5	10.000	10.028	.028	.276	1.5370	.005	1

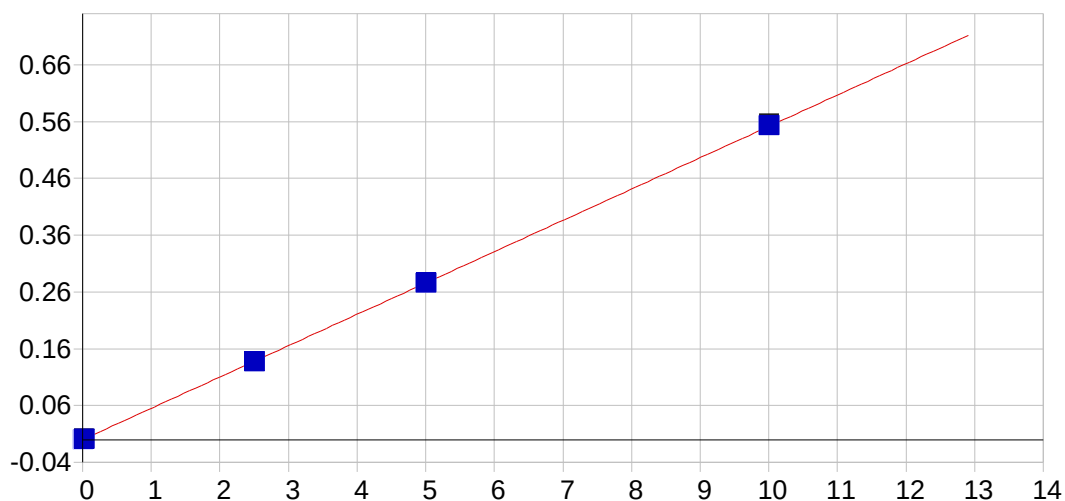


Pb 220.353 {453}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003546 Re-Slope: 1.000000
 A1 (Gain): 0.251444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.000918
 Predicted MQL: 0.003059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00355	.000	1
S1	.01200	.01127	-.001	-6.08	.00632	.000	1
S3	2.5000	2.4470	-.053	-2.12	.61791	.001	1
S4	5.0000	4.9660	-.034	-.680	1.2504	.001	1
S5	10.000	10.088	.088	.877	2.5364	.004	1



Se 196.090 {472}

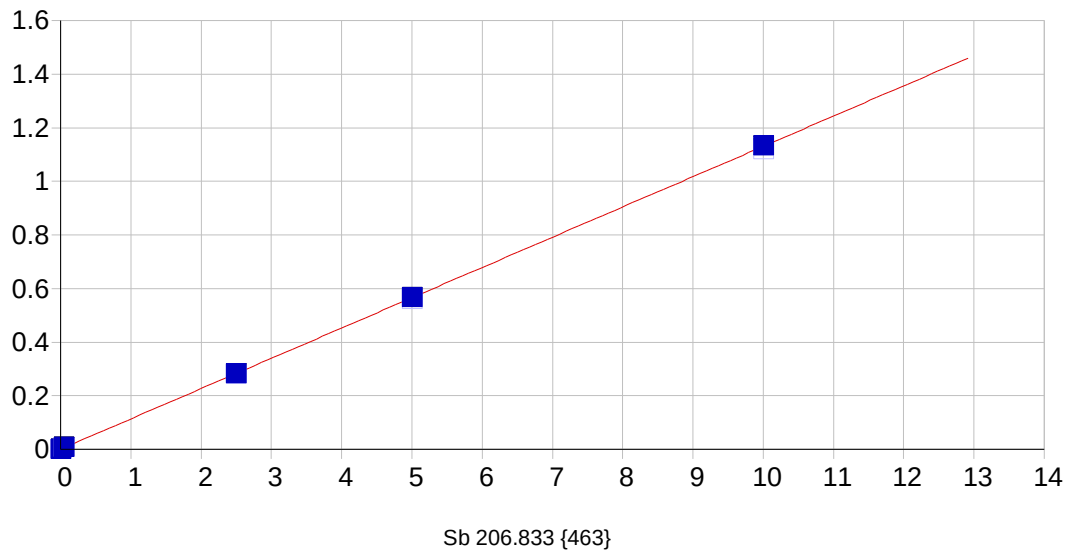
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.055160 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000157
 Predicted MDL: 0.002813
 Predicted MQL: 0.009376

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00068	-.001	.000	-.00015	.000	0
S1	.02000	.02012	.000	.606	.00100	.000	1
S3	2.5000	2.4830	-.017	-.678	.13682	.000	1
S4	5.0000	4.9903	-.010	-.193	.27510	.000	1
S5	10.000	10.026	.026	.265	.55283	.002	1



Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

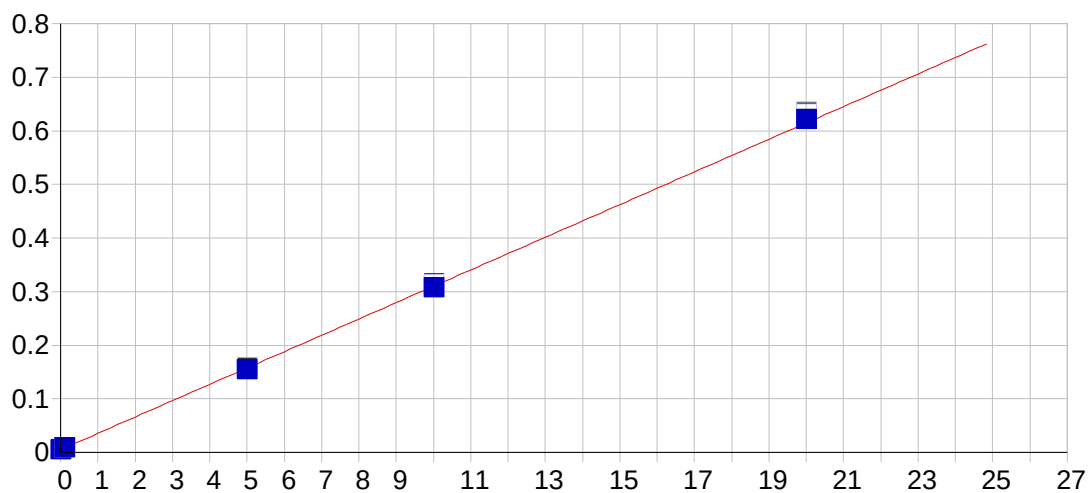
Weighting: 1/Conc

A0 (Offset): 0.000674
 A1 (Gain): 0.112974
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000019
 Predicted MDL: 0.001660
 Predicted MQL: 0.005532

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	.00067	.000	1
S1	.05000	.05372	.004	7.43	.00660	.000	1
S3	2.5000	2.4903	-.010	-.387	.27884	.001	1
S4	5.0000	4.9975	-.003	-.050	.55891	.001	1
S5	10.000	10.009	.009	.085	1.1187	.001	1

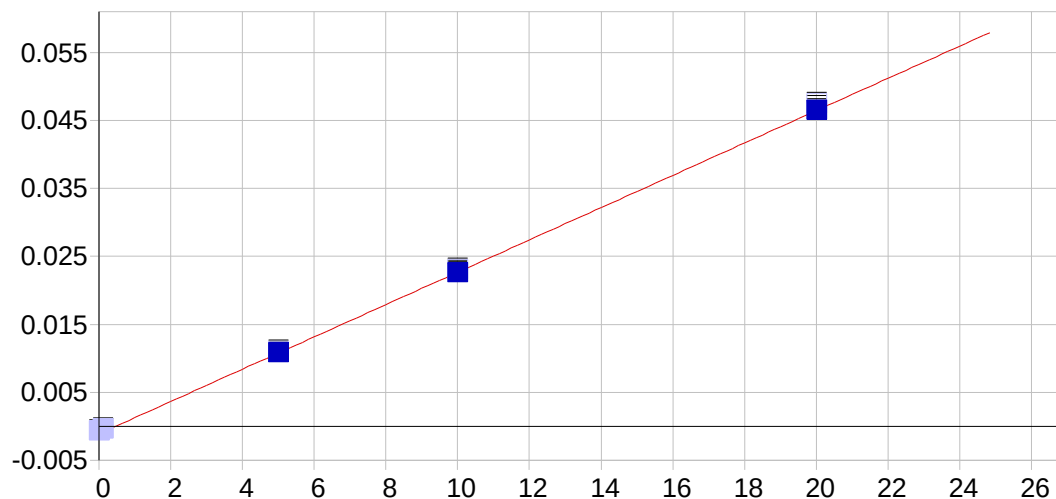


AI 308.215 {109}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005020 Re-Slope: 1.000000
 A1 (Gain): 0.030490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002995
 Predicted MQL: 0.009983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00502	.000	1
S1	.10000	.10830	.008	8.30	.00853	.000	1
S3	5.0000	4.8871	-.113	-2.26	.15707	.000	1
S4	10.000	9.9102	-.090	-.898	.31326	.000	1
S5	20.000	20.194	.194	.970	.63288	.001	1



AI 309.271 {109}

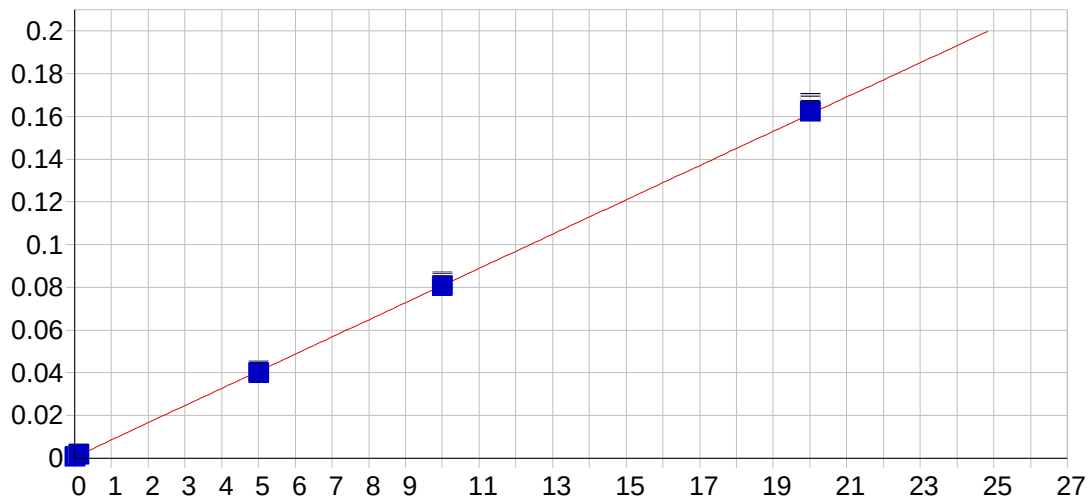
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001105 Re-Slope: 1.000000
 A1 (Gain): 0.002377 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000053
 Predicted MDL: 0.027860
 Predicted MQL: 0.092865

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.18982	.190	.000	-.00065	.000	0
S1	.10000	.31442	.214	214.	-.00034	.000	0
S3	5.0000	5.0067	.007	.134	.01103	.000	1
S4	10.000	9.9799	-.020	-.201	.02309	.000	1
S5	20.000	20.013	.013	.067	.04741	.000	1



AI 396.152 { 85}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

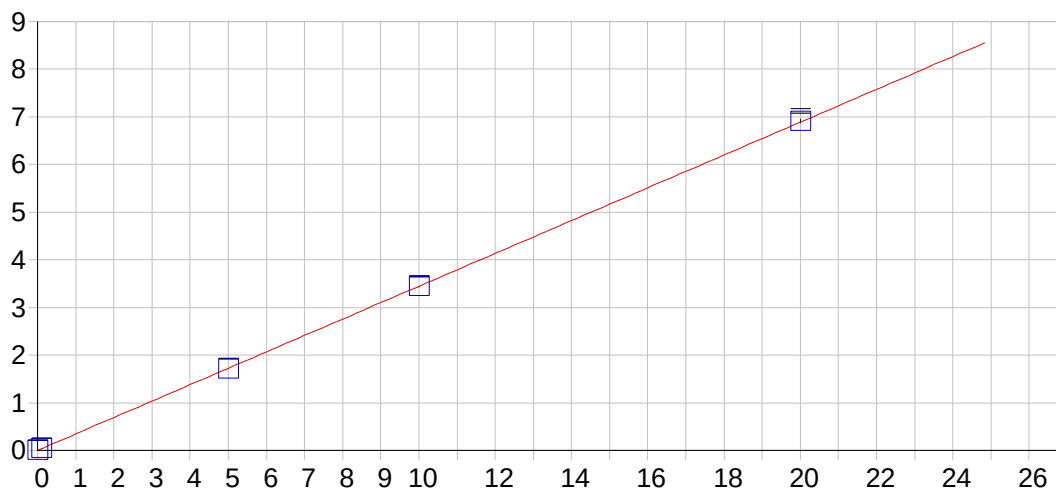
Weighting: 1/Conc

A0 (Offset): 0.000632
 A1 (Gain): 0.008023
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000009
 Predicted MDL: 0.013031
 Predicted MQL: 0.043438

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00063	.000	1
S1	.10000	.12085	.021	20.9	.00166	.000	1
S3	5.0000	4.8865	-.114	-2.27	.04063	.000	1
S4	10.000	9.9515	-.048	-.485	.08207	.000	1
S5	20.000	20.140	.140	.701	.16541	.001	1

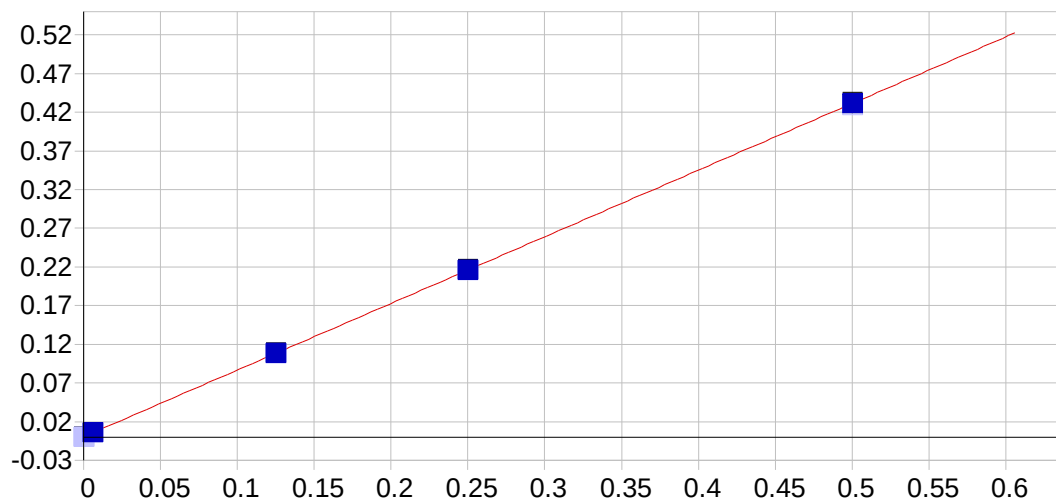


Ba 493.409 { 68}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001487 Re-Slope: 1.000000
 A1 (Gain): 0.344376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.000592
 Predicted MQL: 0.001973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00148	.000	1
S1	.10000	.10933	.009	9.33	.03914	.000	1
S3	5.0000	4.9596	-.040	-.808	1.7094	.007	1
S5	20.000	20.062	.062	.312	6.9105	.052	1
S4	10.000	9.9687	-.031	-.313	3.4345	.014	1



Be 234.861 {144}

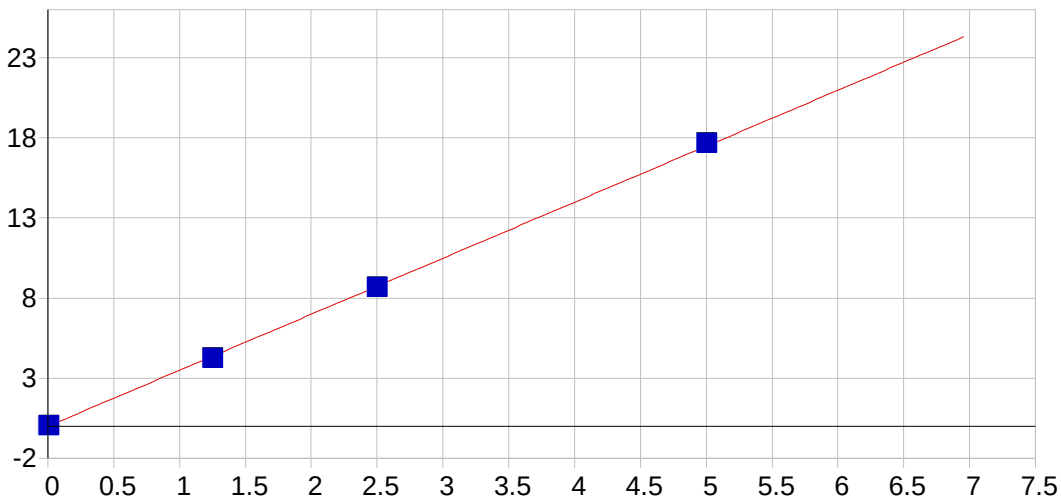
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000463 Re-Slope: 1.000000
 A1 (Gain): 0.861704 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000082
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00075	-.001	.000	-.00018	.000	0
S1	.00600	.00599	-.000	-.167	.00557	.000	1
S3	.12500	.12521	.000	.171	.10768	.000	1
S4	.25000	.25018	.000	.073	.21469	.001	1
S5	.50000	.49961	-.000	-.077	.42827	.001	1



Cd 226.502 {449}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

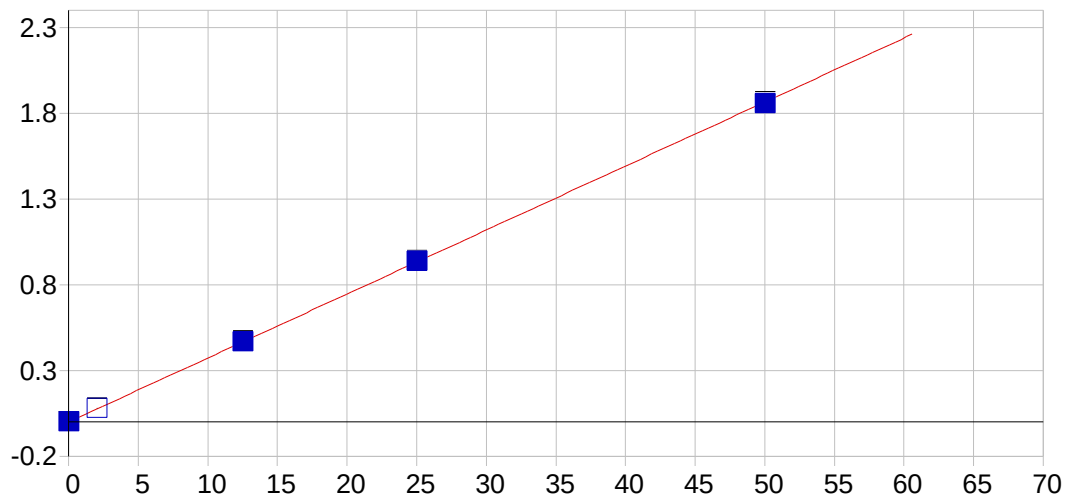
Weighting: 1/Conc

A0 (Offset): -0.001135
 A1 (Gain): 3.495472
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.015196
 Predicted MDL: 0.000075
 Predicted MQL: 0.000251

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	-.00012	-.000	.000	-.00156	.000	0
S1	.00600	.00614	.000	2.40	.02038	.000	1
S3	1.2500	1.2160	-.034	-2.72	4.2502	.003	1
S4	2.5000	2.4823	-.018	-.709	8.6776	.005	1
S5	5.0000	5.0516	.052	1.03	17.661	.018	1

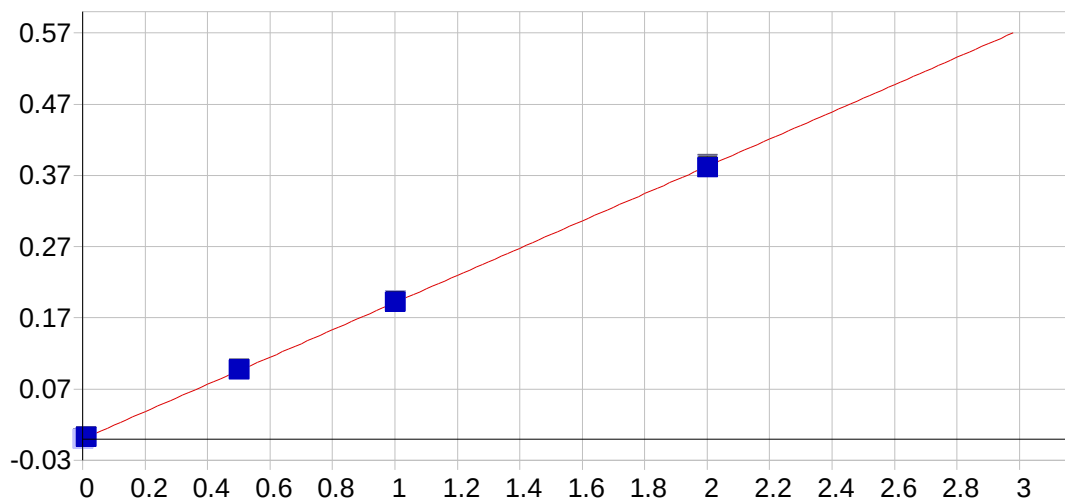


Ca 373.690 { 90}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000354 Re-Slope: 1.000000
 A1 (Gain): 0.037300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.016769
 Predicted MQL: 0.055897

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0992	.099	4.96	.07865	.001	1
S0	.00000	-.00010	-.000	.000	.00035	.000	1
S3	12.500	12.544	.044	.350	.46848	.002	1
S4	25.000	25.084	.084	.334	.93647	.004	1
S5	50.000	49.774	-.226	-.453	1.8579	.009	1



Cr 267.716 {126}

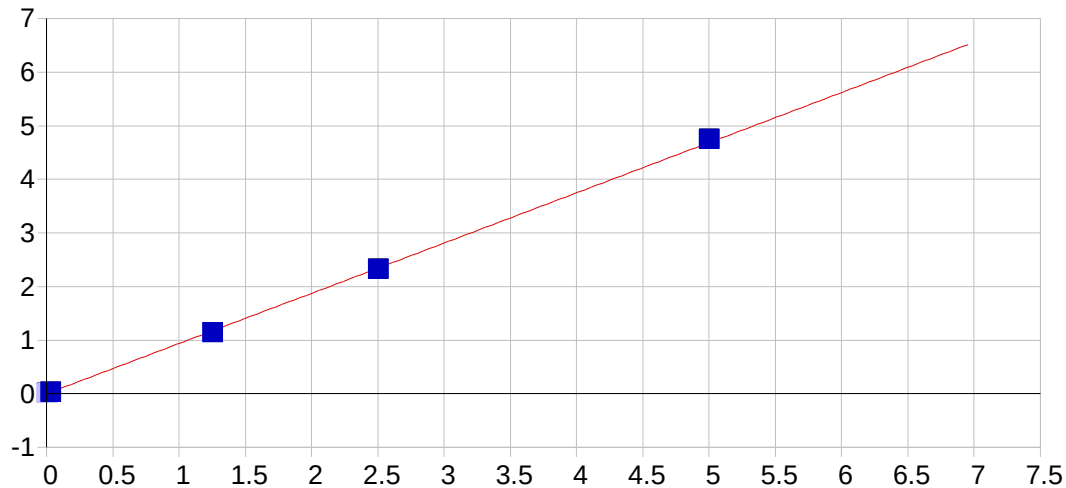
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.191314 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000277
 Predicted MDL: 0.000447
 Predicted MQL: 0.001489

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00082	-.001	.000	-.00008	.000	0
S1	.01000	.00991	-.000	-.950	.00198	.000	1
S3	.50000	.50484	.005	.968	.09741	.000	1
S4	1.0000	1.0044	.004	.438	.19373	.000	1
S5	2.0000	1.9909	-.009	-.456	.38397	.001	1



Co 228.616 {447}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

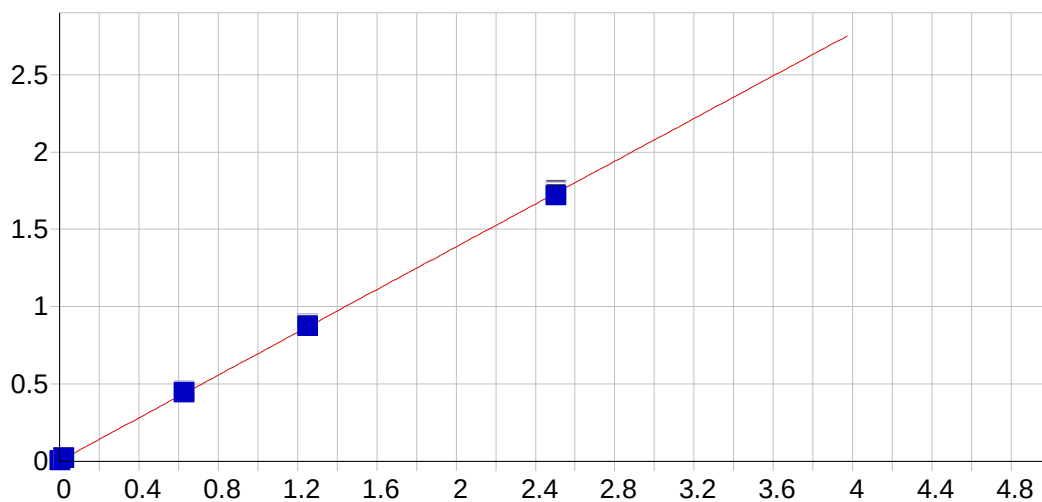
Weighting: 1/Conc

A0 (Offset): -0.000471
 A1 (Gain): 0.936841
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883
 Std Error of Est: 0.009910
 Predicted MDL: 0.000234
 Predicted MQL: 0.000779

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	.00028	.000	.000	-.00021	.000	0
S1	.03000	.03078	.001	2.60	.02817	.000	1
S3	1.2500	1.2156	-.034	-2.75	1.1393	.002	1
S4	2.5000	2.4741	-.026	-1.04	2.3192	.001	1
S5	5.0000	5.0595	.060	1.19	4.7432	.006	1

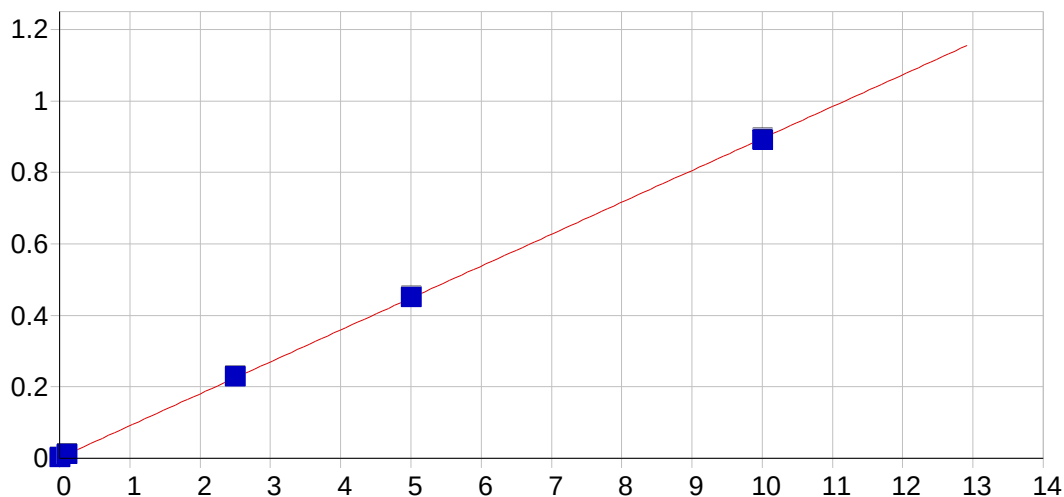


Cu 224.700 {450}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004497 Re-Slope: 1.000000
 A1 (Gain): 0.691192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.000392
 Predicted MQL: 0.001308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00449	.000	1
S1	.02000	.02246	.002	12.3	.02023	.000	1
S3	.62500	.63645	.011	1.83	.45139	.001	1
S4	1.2500	1.2582	.008	.657	.88813	.001	1
S5	2.5000	2.4779	-.022	-.885	1.7451	.004	1



Fe 240.488 {140}

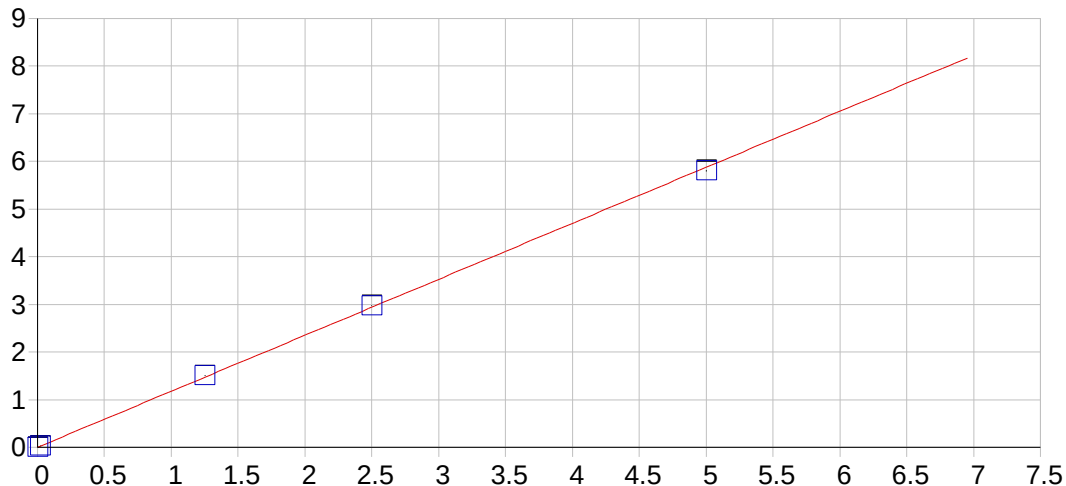
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002002 Re-Slope: 1.000000
 A1 (Gain): 0.089281 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000039
 Predicted MDL: 0.000752
 Predicted MQL: 0.002506

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00200	.000	1
S1	.10000	.10664	.007	6.64	.01157	.000	1
S3	2.5000	2.5291	.029	1.16	.22864	.000	1
S4	5.0000	5.0174	.017	.347	.45162	.002	1
S5	10.000	9.9469	-.053	-.531	.89340	.003	1



Mn 257.610 {131}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

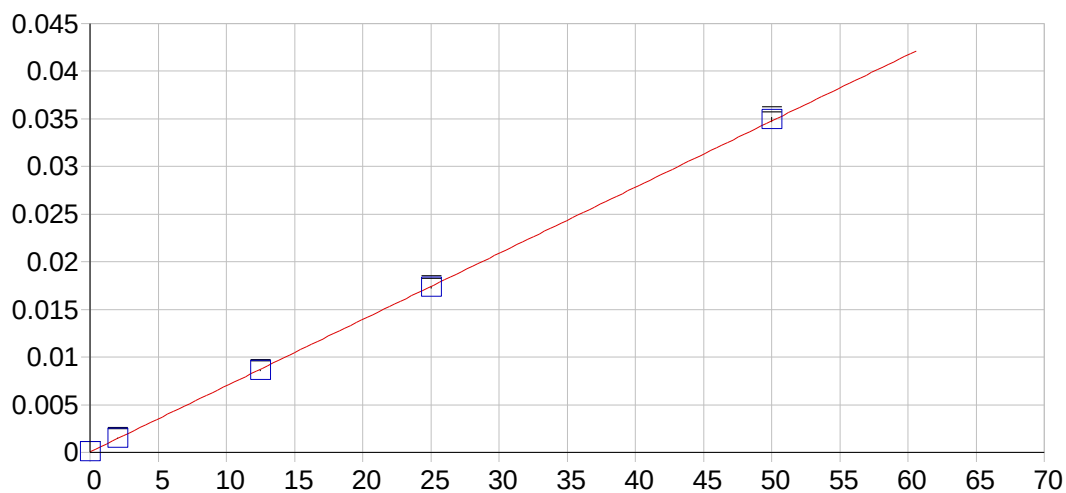
Weighting: 1/Conc

A0 (Offset): 0.001759
 A1 (Gain): 1.175130
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868
 Std Error of Est: 0.000326
 Predicted MDL: 0.000067
 Predicted MQL: 0.000223

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00175	.000	1
S1	.02000	.02329	.003	16.5	.02913	.000	1
S3	1.2500	1.2790	.029	2.32	1.5047	.003	1
S4	2.5000	2.5293	.029	1.17	2.9740	.004	1
S5	5.0000	4.9384	-.062	-1.23	5.8050	.016	1

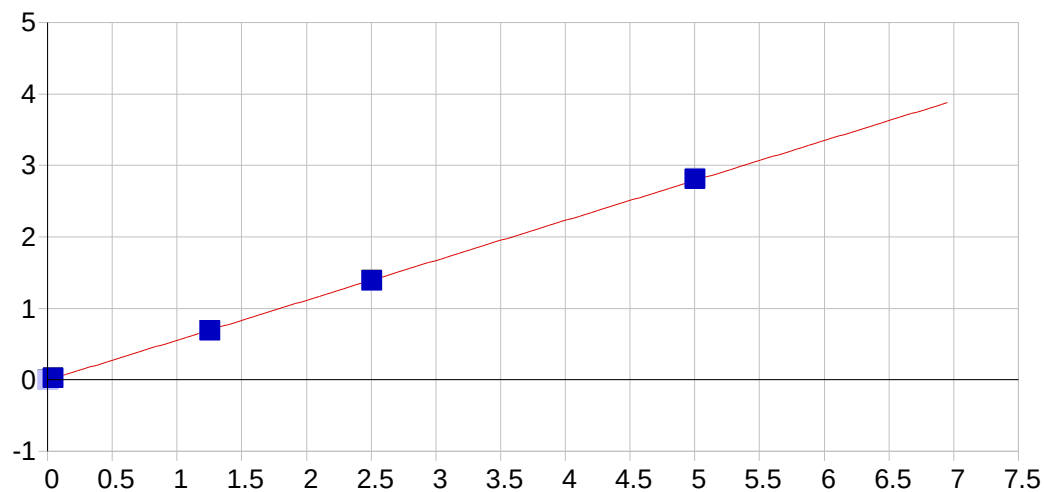


Mg 279.079 {121}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.000694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.044174
 Predicted MQL: 0.147247

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0727	.073	3.64	.00149	.000	1
S0	.00000	-.00004	-.000	.000	.00005	.000	1
S3	12.500	12.320	-.180	-1.44	.00861	.000	1
S4	25.000	24.881	-.119	-.474	.01733	.000	1
S5	50.000	50.225	.225	.451	.03493	.000	1



Ni 231.604 {445}

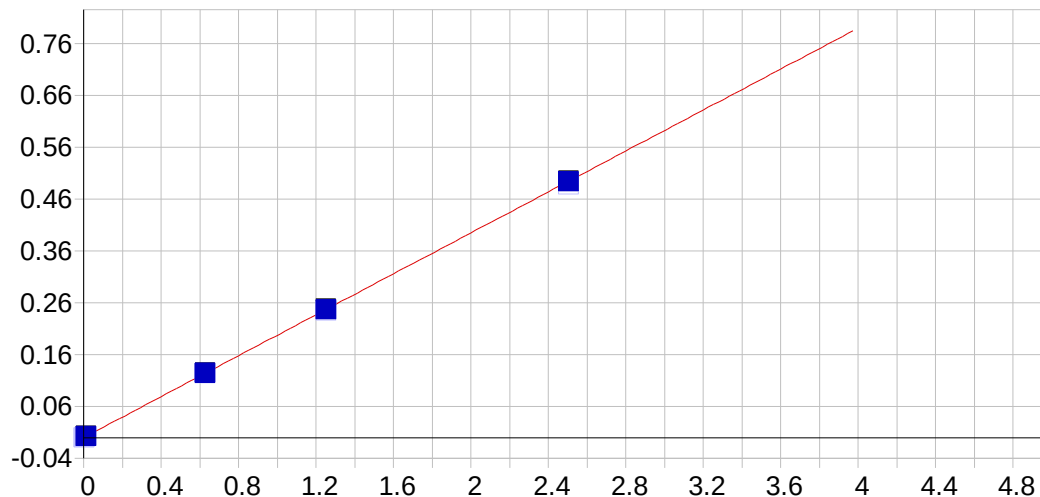
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004792 Re-Slope: 1.000000
 A1 (Gain): 0.558758 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.003675
 Predicted MDL: 0.000415
 Predicted MQL: 0.001384

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00215	-.002	.000	-.00599	.000	0
S1	.04000	.04055	.001	1.38	.01788	.000	1
S3	1.2500	1.2327	-.017	-1.39	.68473	.001	1
S4	2.5000	2.4838	-.016	-.649	1.3846	.003	1
S5	5.0000	5.0330	.033	.660	2.8105	.001	1



Ag 328.068 {103}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

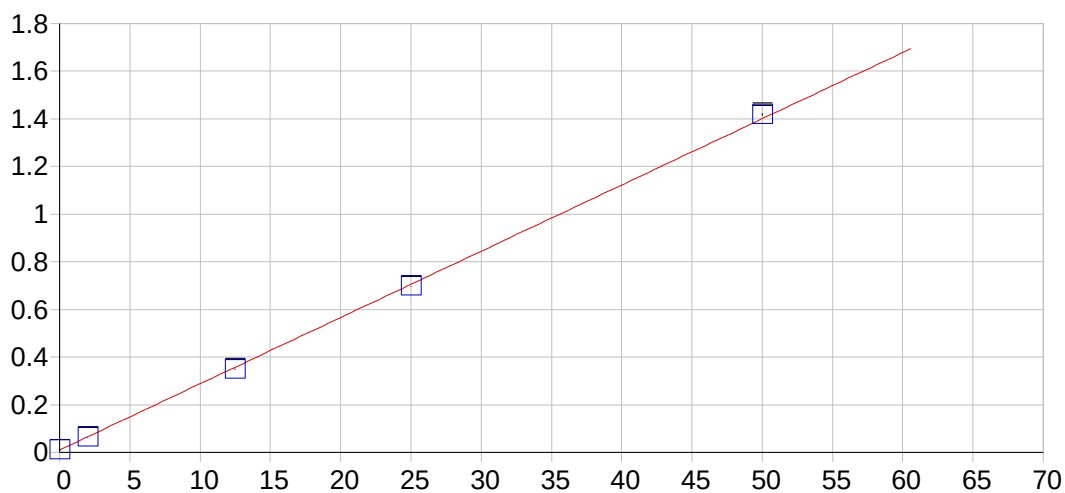
Weighting: 1/Conc

A0 (Offset): -0.000085
 A1 (Gain): 0.197395
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000089
 Predicted MDL: 0.000643
 Predicted MQL: 0.002142

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	-.00106	-.001	.000	-.00029	.000	0
S1	.01000	.00997	-.000	-.253	.00184	.000	1
S3	.62500	.62735	.002	.377	.12235	.000	1
S4	1.2500	1.2492	-.001	-.062	.24371	.000	1
S5	2.5000	2.4984	-.002	-.062	.48750	.001	1

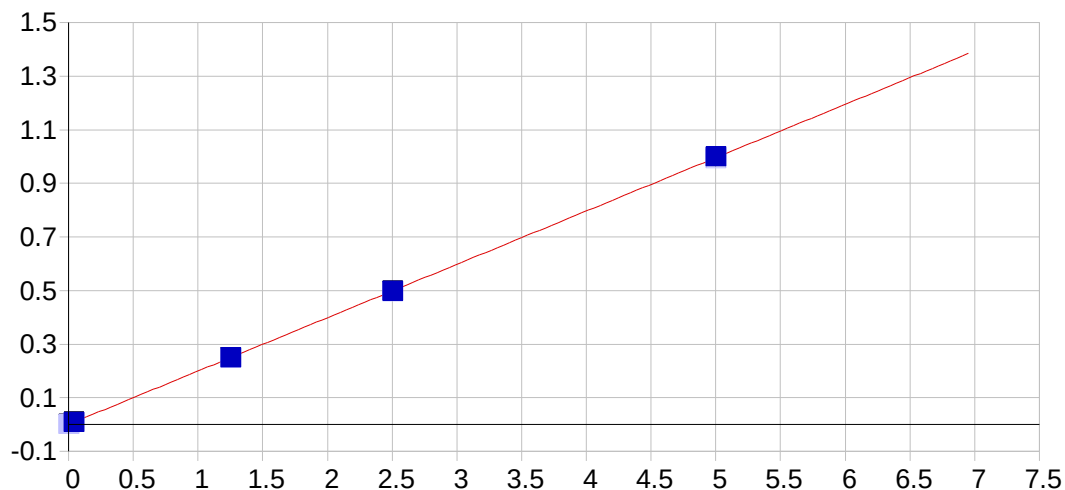


Na 589.592 { 57}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010122 Re-Slope: 1.000000
 A1 (Gain): 0.027808 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000247
 Predicted MDL: 0.009606
 Predicted MQL: 0.032021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9080	-.092	-4.60	.06318	.000	1
S0	.00000	.00014	.000	.000	.01013	.000	1
S3	12.500	12.200	-.300	-2.40	.34938	.002	1
S4	25.000	24.718	-.282	-1.13	.69750	.002	1
S5	50.000	50.674	.674	1.35	1.4193	.006	1



V 292.402 {115}

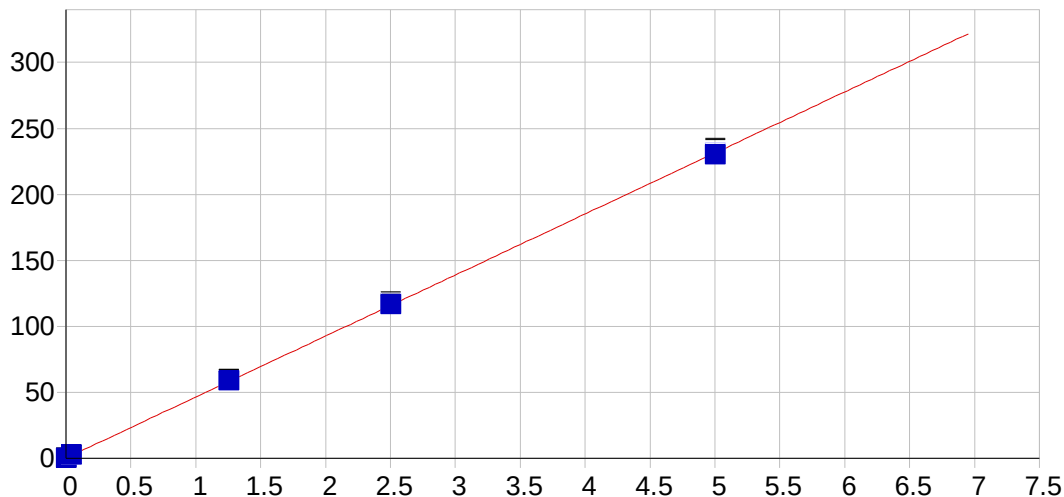
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000578 Re-Slope: 1.000000
 A1 (Gain): 0.198997 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000380
 Predicted MDL: 0.000492
 Predicted MQL: 0.001638

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00297	-.003	.000	-.00001	.000	0
S1	.04000	.04015	.000	.382	.00844	.000	1
S3	1.2500	1.2455	-.004	-.358	.24681	.001	1
S4	2.5000	2.4945	-.006	-.220	.49372	.001	1
S5	5.0000	5.0098	.010	.197	.99102	.001	1



Zn 206.200 {163}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

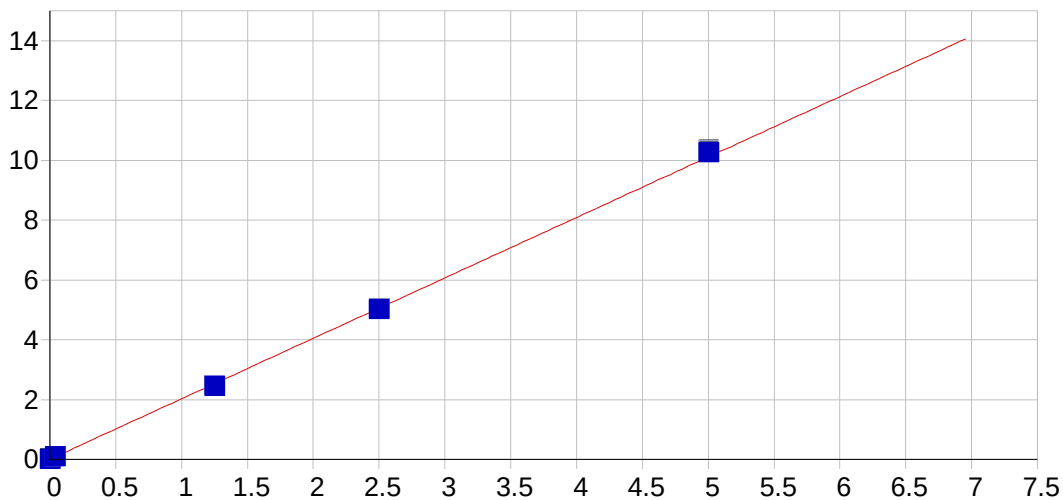
Weighting: 1/Conc

A0 (Offset): 0.148751
 A1 (Gain): 46.256420
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.011462
 Predicted MDL: 0.000407
 Predicted MQL: 0.001355

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	.14852	.007	1
S1	.04000	.04458	.005	11.4	2.2228	.039	1
S3	1.2500	1.2615	.012	.921	58.852	.919	1
S4	2.5000	2.5153	.015	.614	117.20	.986	1
S5	5.0000	4.9686	-.031	-.629	231.38	3.57	1

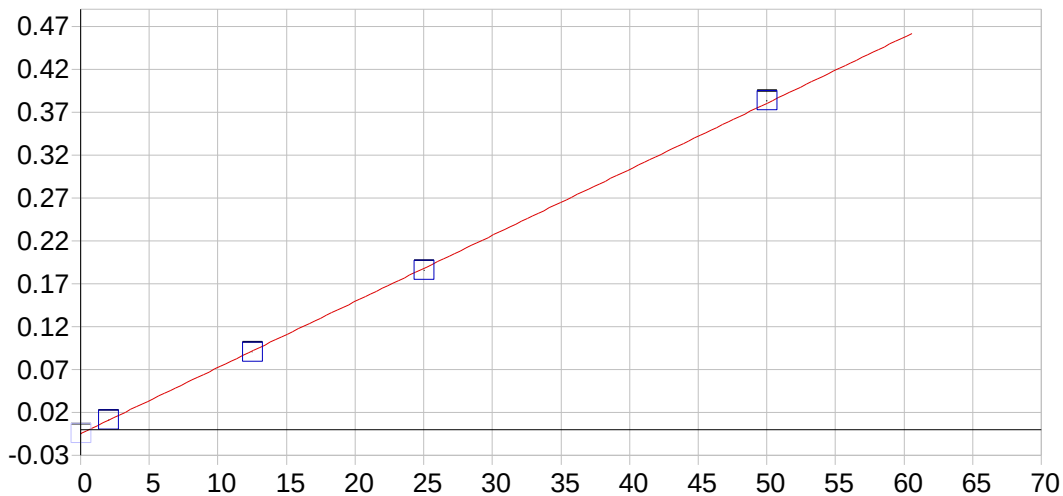


Zn 213.856 {458}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005704 Re-Slope: 1.000000
 A1 (Gain): 2.020728 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000923
 Predicted MDL: 0.000091
 Predicted MQL: 0.000304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00571	.000	1
S1	.04000	.04033	.000	.831	.08777	.000	1
S3	1.2500	1.2034	-.047	-3.73	2.4536	.003	1
S4	2.5000	2.4724	-.028	-1.10	5.0341	.003	1
S5	5.0000	5.0738	.074	1.48	10.323	.017	1



K 766.490 {44}

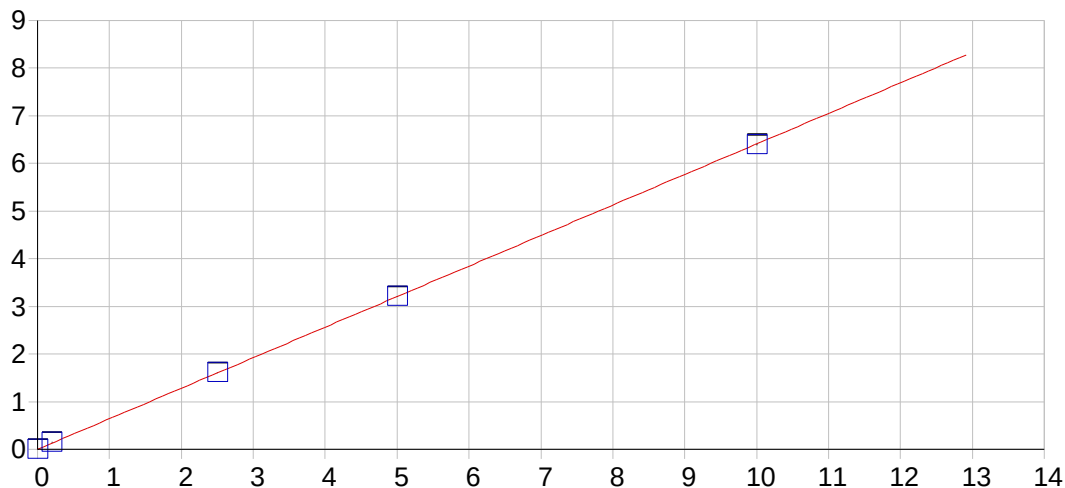
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004789 Re-Slope: 1.000000
 A1 (Gain): 0.007703 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.001338
 Predicted MDL: 0.039662
 Predicted MQL: 0.132208

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0330	.033	1.65	.01087	.000	1
S0	.00000	.00486	.005	.000	-.00475	.000	0
S3	12.500	12.331	-.169	-1.35	.09020	.000	1
S4	25.000	24.714	-.286	-1.14	.18559	.000	1
S5	50.000	50.422	.422	.843	.38363	.001	1



Mo 202.030 {467}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

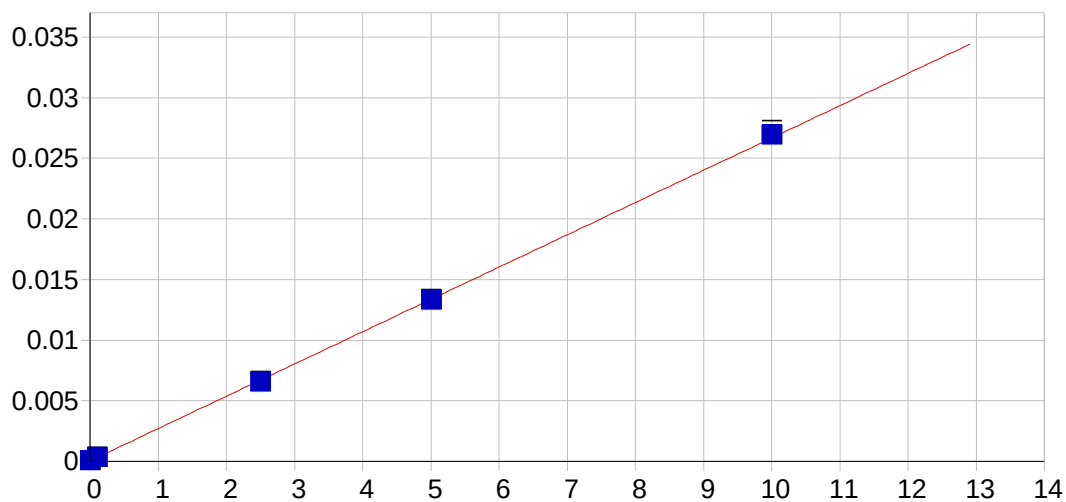
Weighting: 1/Conc

A0 (Offset): 0.000492
 A1 (Gain): 0.640875
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000642
 Predicted MDL: 0.000266
 Predicted MQL: 0.000888

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00048	.000	1
S1	.20000	.22415	.024	12.1	.14415	.000	1
S3	2.5000	2.5046	.005	.184	1.6056	.002	1
S4	5.0000	4.9998	-.000	-.003	3.2048	.002	1
S5	10.000	9.9714	-.029	-.286	6.3909	.011	1

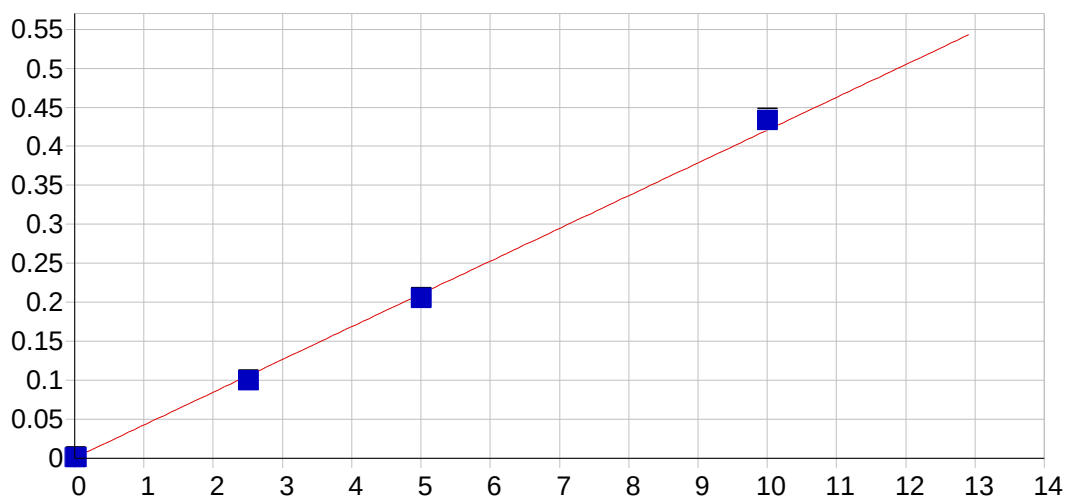


B 249.678 {135}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.002662 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.010597
 Predicted MQL: 0.035322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.10000	.09729	-.003	-2.71	.00030	.000	1
S3	2.5000	2.4363	-.064	-2.55	.00652	.000	1
S4	5.0000	4.9784	-.022	-.431	.01327	.000	1
S5	10.000	10.088	.088	.880	.02684	.000	1



S 182.034 {485}

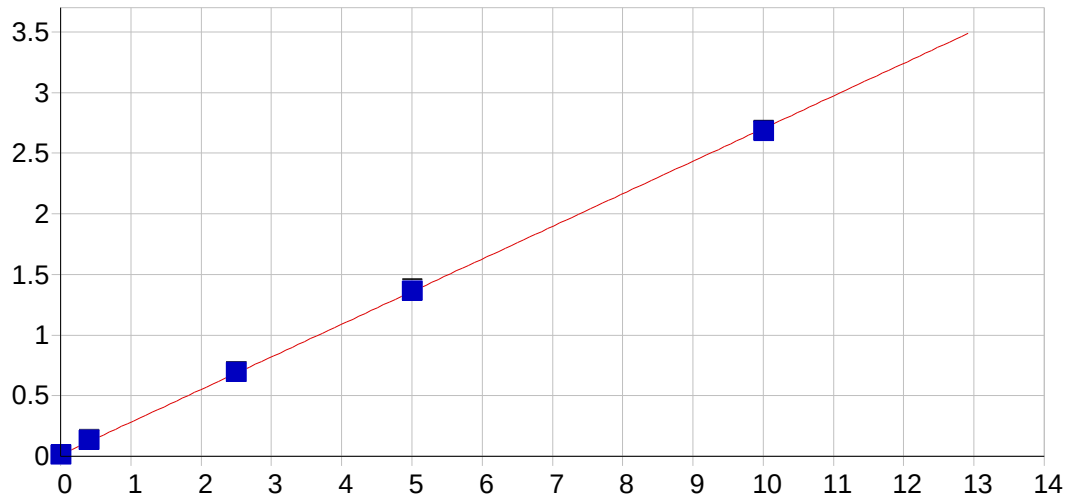
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000714 Re-Slope: 1.000000
 A1 (Gain): 0.042004 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999270
 Std Error of Est: 0.000039
 Predicted MDL: 0.002759
 Predicted MQL: 0.009195

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00071	.000	1
S1	.02000	.01103	-.009	-44.8	.00115	.000	1
S3	2.5000	2.3507	-.149	-5.97	.09934	.001	1
S4	5.0000	4.8618	-.138	-2.76	.20470	.001	1
S5	10.000	10.296	.296	2.96	.43273	.003	1



Si 288.158 {117}

Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

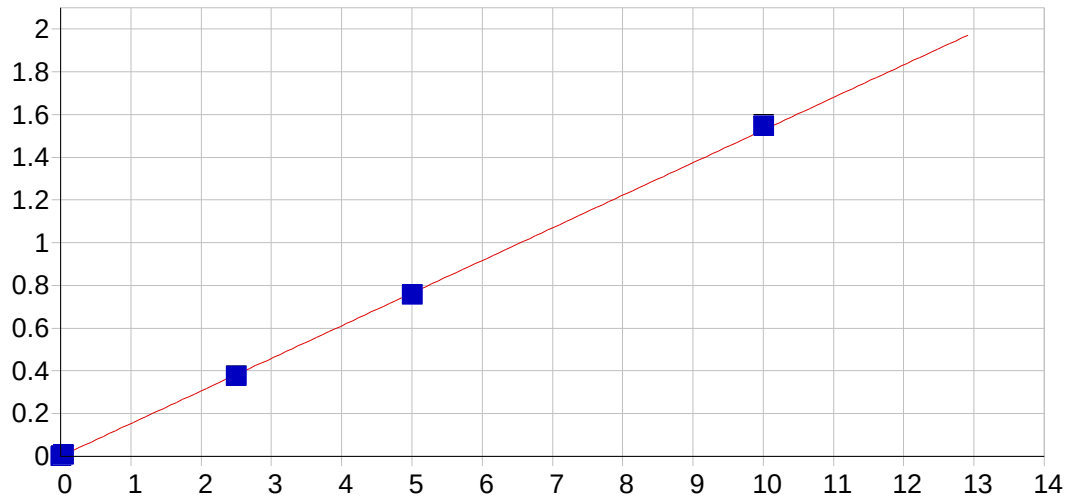
Weighting: 1/Conc

A0 (Offset): 0.012577
 A1 (Gain): 0.269039
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791
 Std Error of Est: 0.000600
 Predicted MDL: 0.002760
 Predicted MQL: 0.009201

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	.01256	.000	1
S1	.40000	.45078	.051	12.7	.13376	.002	1
S3	2.5000	2.5232	.023	.926	.69105	.008	1
S4	5.0000	5.0139	.014	.277	1.3608	.016	1
S5	10.000	9.9122	-.088	-8.78	2.6779	.005	1

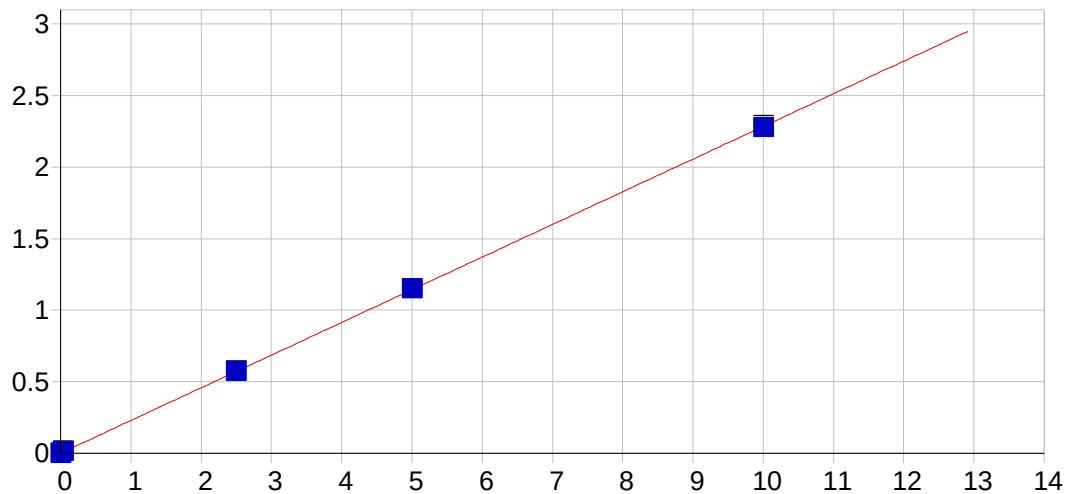


Sn 189.989 {477}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001039 Re-Slope: 1.000000
 A1 (Gain): 0.152629 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.000698
 Predicted MQL: 0.002326

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S1	.04000	.03800	-.002	-4.99	.00684	.000	1
S3	2.5000	2.4425	-.057	-2.30	.37390	.000	1
S4	5.0000	4.9333	-.067	-1.33	.75413	.002	1
S5	10.000	10.126	.126	1.26	1.5469	.005	1



Ti 336.121 {100}

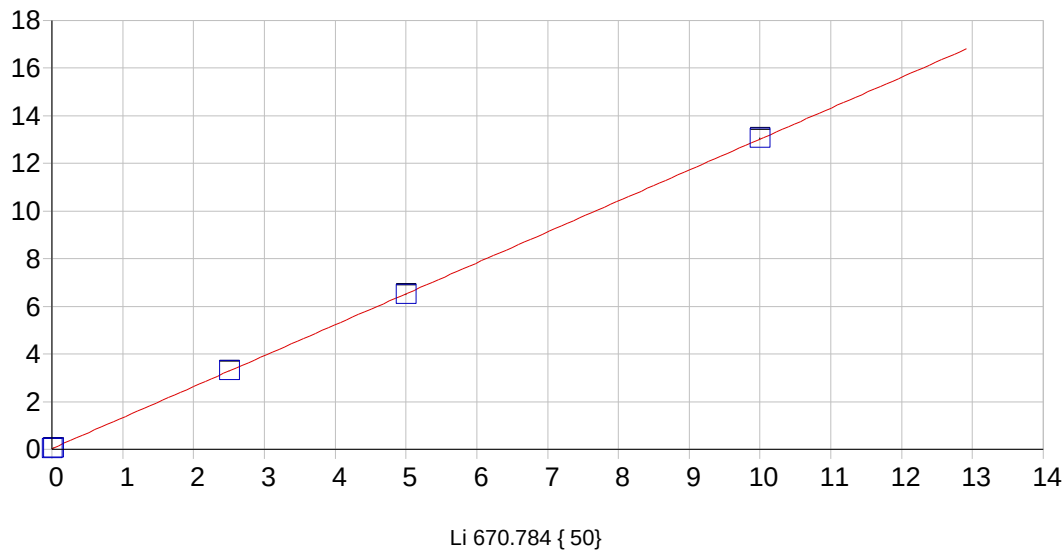
Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001379 Re-Slope: 1.000000
 A1 (Gain): 0.228338 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000060
 Predicted MDL: 0.001972
 Predicted MQL: 0.006573

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00138	.000	1
S1	.04000	.04580	.006	14.5	.01183	.001	1
S3	2.5000	2.5059	.006	.237	.57351	.004	1
S4	5.0000	5.0204	.020	.409	1.1476	.004	1
S5	10.000	9.9678	-.032	-.322	2.2771	.012	1



Date of Fit: 4/3/2019 11:58:03

Type of Fit: Linear

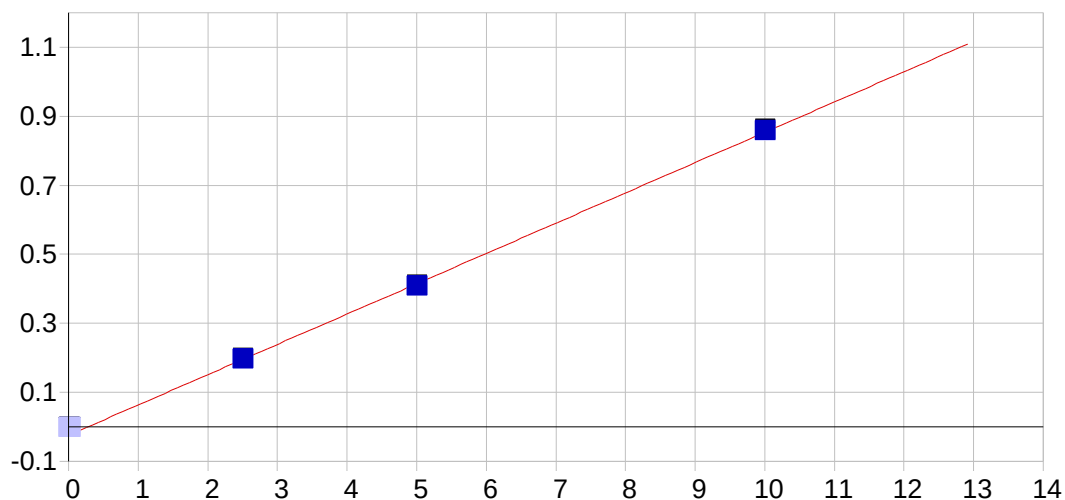
Weighting: 1/Conc

A0 (Offset): 0.032285
 A1 (Gain): 1.299009
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911
 Std Error of Est: 0.000419
 Predicted MDL: 0.001710
 Predicted MQL: 0.005700

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03230	.003	1
S1	.02000	.01229	-.008	-38.5	.04825	.001	1
S3	2.5000	2.5089	.009	.356	3.2914	.022	1
S4	5.0000	4.9793	-.021	-.414	6.5004	.038	1
S5	10.000	10.020	.020	.195	13.048	.049	1

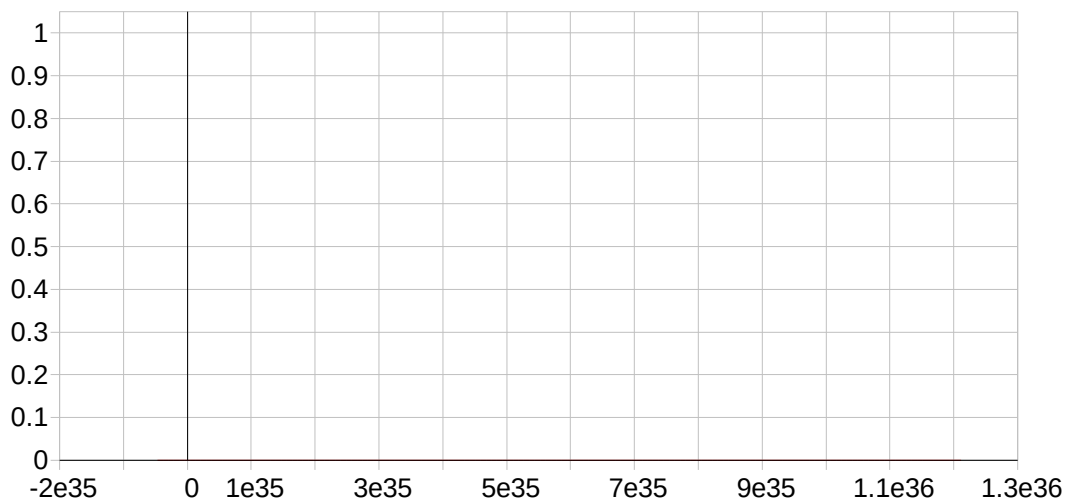


P 177.495 {490}

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.024252 Re-Slope: 1.000000
 A1 (Gain): 0.087785 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.007187
 Predicted MDL: 0.001454
 Predicted MQL: 0.004847

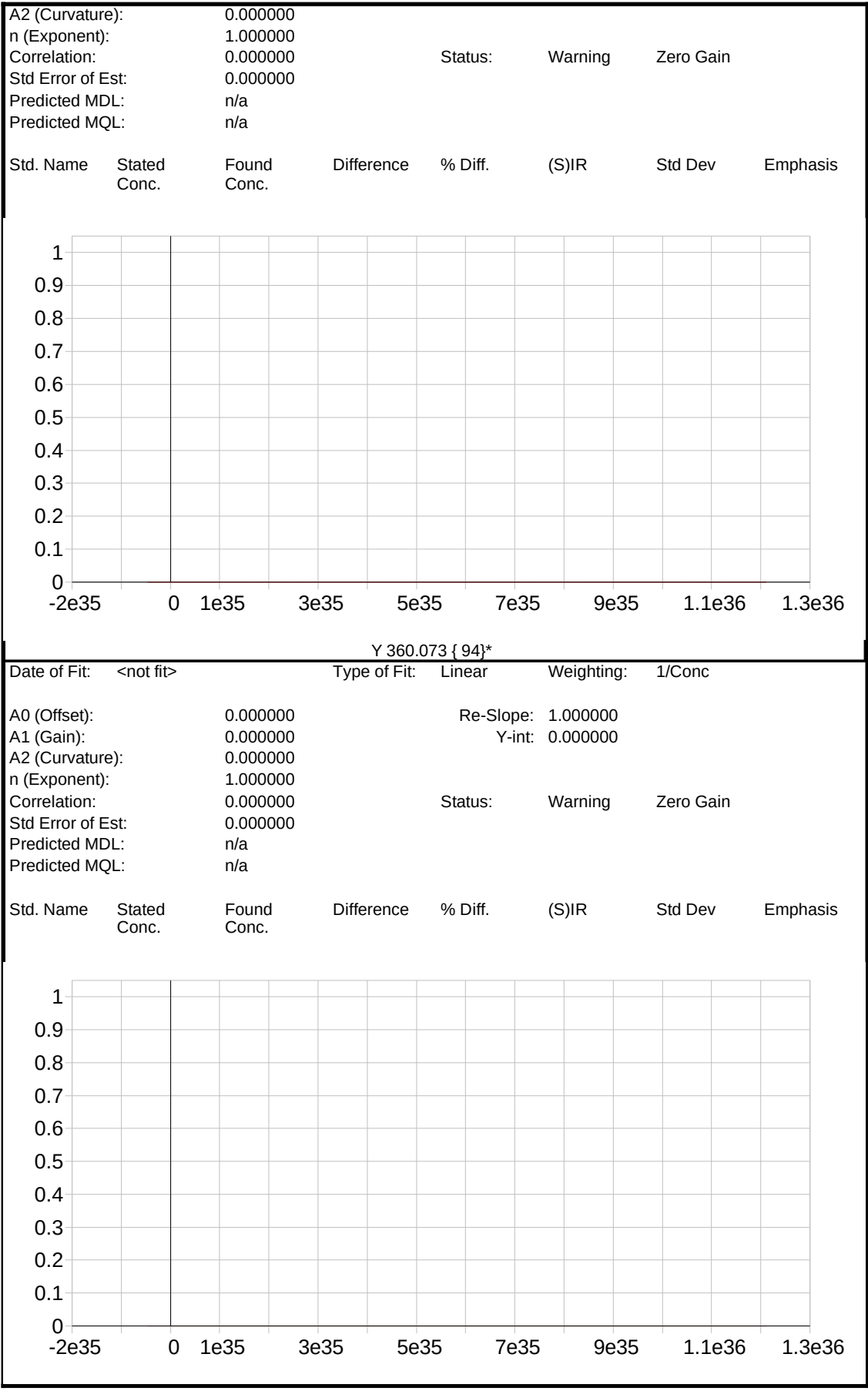
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.24737	.247	.000	-.00254	.000	0
S1	.02000	.26411	.244	1220.	-.00107	.000	0
S3	2.5000	2.5245	.025	.981	.19704	.000	1
S4	5.0000	4.9264	-.074	-1.47	.40758	.002	1
S5	10.000	10.049	.049	.491	.85663	.004	1

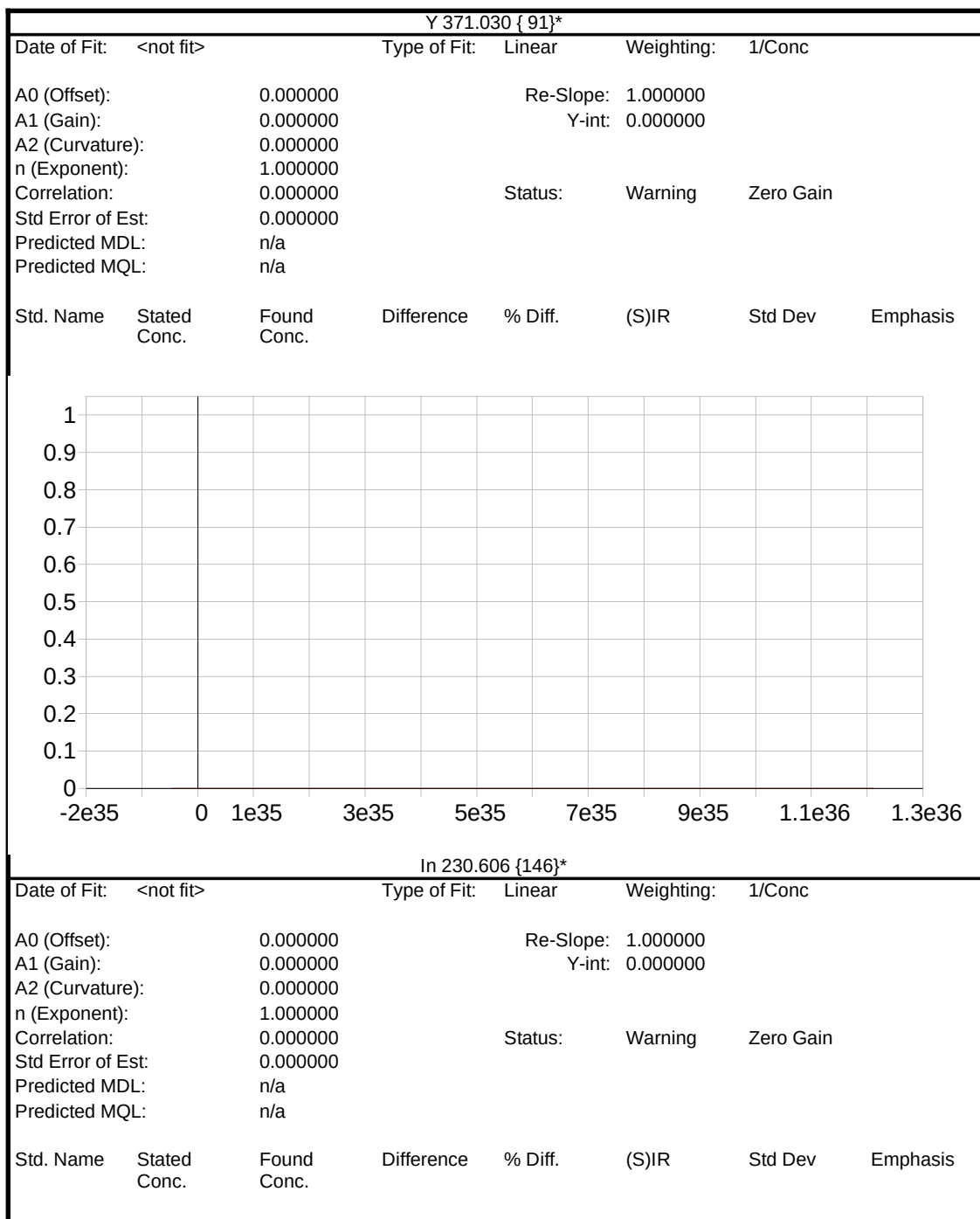


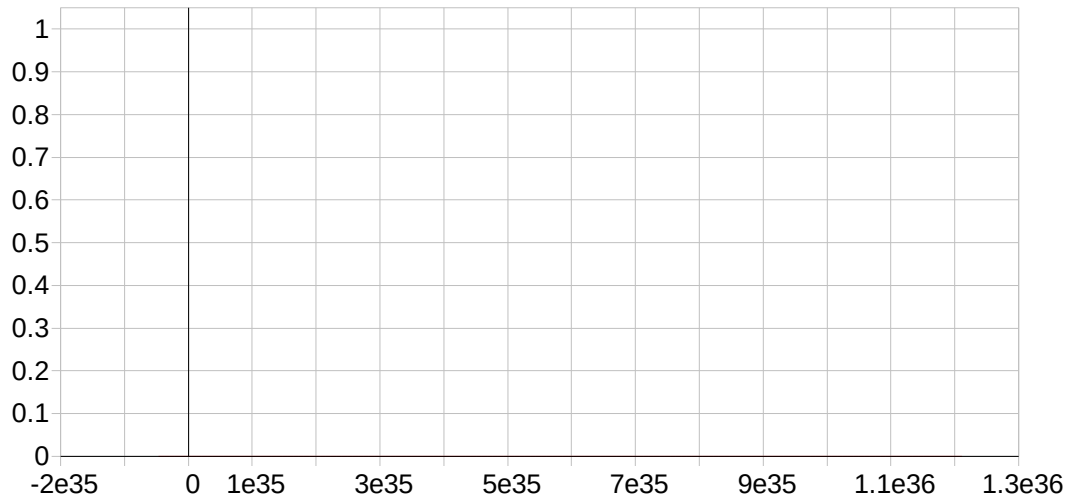
Y 224.306 {450}*

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

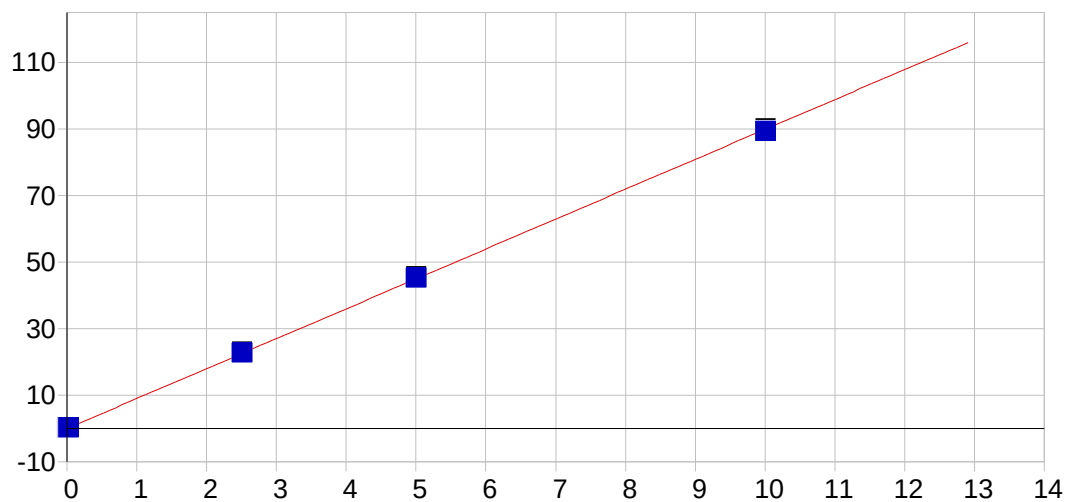
Status: Warning Zero Gain

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: 4/3/2019 11:58:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.015573

Re-Slope: 1.000000

A1 (Gain): 8.985222

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

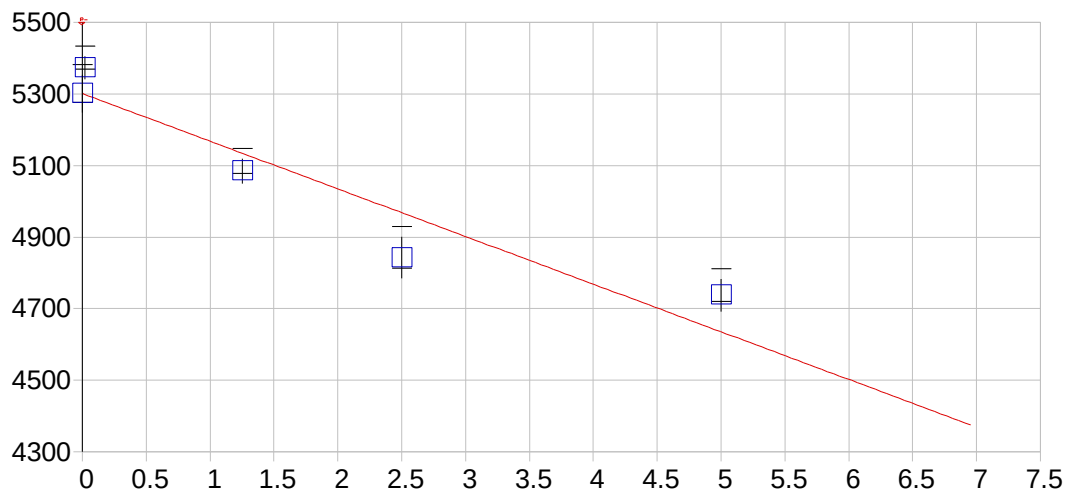
Status: OK.

Std Error of Est: 0.054703

Predicted MDL: 0.000101

Predicted MQL: 0.000335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00238	-.002	.000	-.00579	.001	0
S1	.02000	.01975	-.000	-1.23	.19405	.001	1
S3	2.5000	2.5309	.031	1.24	22.781	.104	1
S4	5.0000	5.0302	.030	.605	45.263	.245	1
S5	10.000	9.9391	-.061	-.609	89.419	.579	1

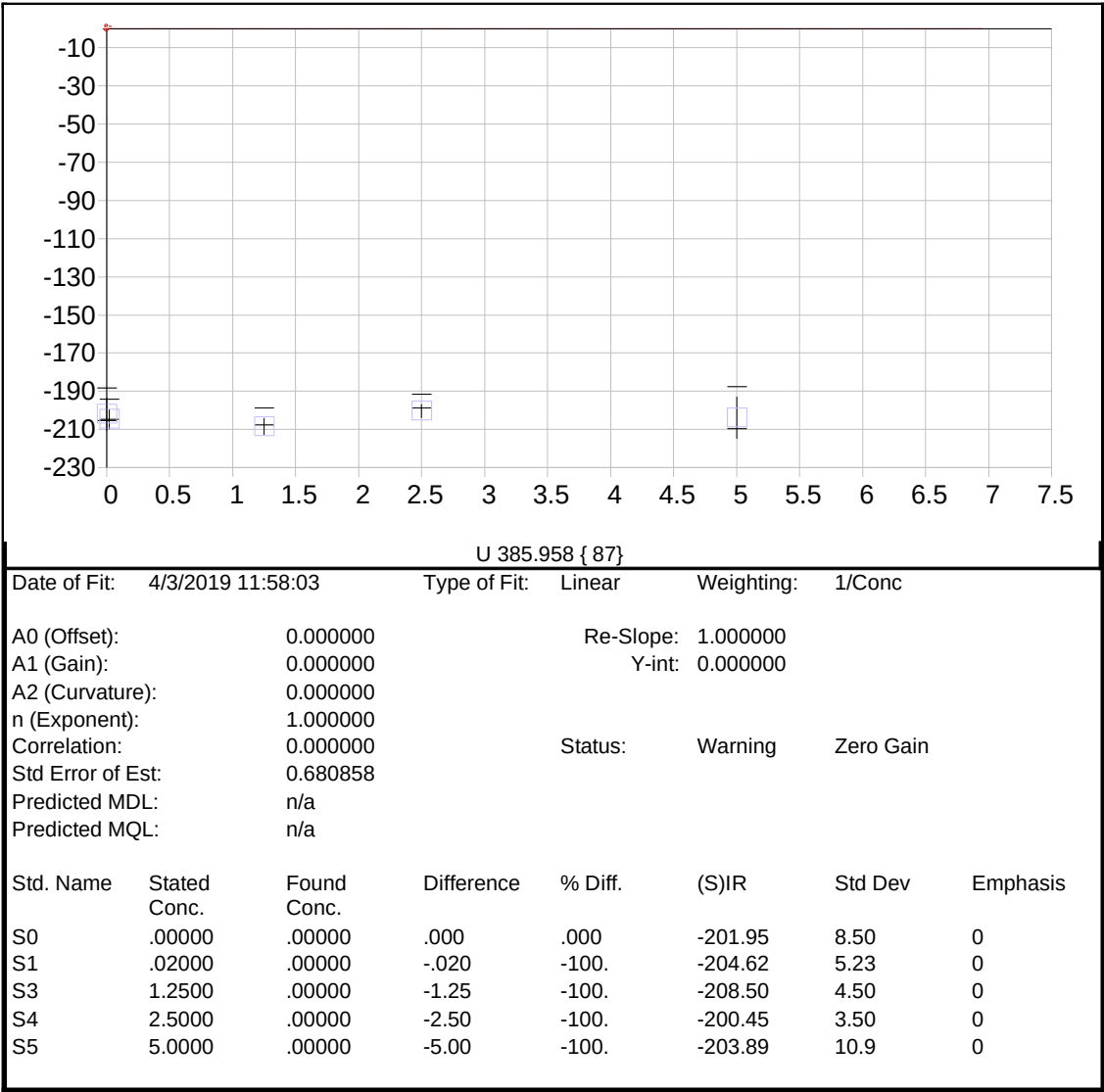


U 367.007 { 92 }

Date of Fit: 4/3/2019 11:58:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5301.019627 Re-Slope: 1.000000
 A1 (Gain): -133.158648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.594625 Status: Warning Negative Gain
 Std Error of Est: 3.076751
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00054	.001	.000	5300.9	52.3	1
S1	.02000	-.53551	-.556	-2780.	5372.3	32.3	1
S3	1.2500	1.6282	.378	30.3	5084.2	35.5	1
S4	2.5000	3.4439	.944	37.8	4842.4	58.1	1
S5	5.0000	4.2334	-.767	-15.3	4737.3	45.4	1



Sample Name: S0 Acquired: 4/3/2019 11:09:53 Type: Cal
Method: P4-ICP2(v3015) 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	.00000	.00001	.00355	-.00015	.00067	.00063	.00148	-.00018
Stddev	.00009	.00005	.00006	.00010	.00009	.00006	.00005	.00004
%RSD	2558.0	844.31	1.5526	70.602	13.608	9.4105	3.0352	23.658

#1	.00001	-.00005	.00355	-.00003	.00062	.00059	.00148	-.00014
#2	-.00009	.00001	.00349	-.00023	.00078	.00070	.00153	-.00022
#3	.00009	.00006	.00360	-.00018	.00062	.00060	.00144	-.00018

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	-.00156	.00035	-.00008	-.00021	.00449	.00200	.00175	.00005
Stddev	.00022	.00043	.00001	.00005	.00014	.00008	.00007	.00001
%RSD	13.973	122.26	11.040	24.609	3.0822	4.1069	3.9833	17.919

#1	-.00150	.00084	-.00008	-.00027	.00436	.00195	.00175	.00005
#2	-.00138	.00016	-.00009	-.00019	.00463	.00210	.00169	.00004
#3	-.00180	.00005	-.00007	-.00017	.00449	.00195	.00182	.00006

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	-.00599	-.00029	.01013	-.00001	.00571	-.00475	.00048	.00005
Stddev	.00016	.00009	.00029	.00003	.00014	.00026	.00009	.00001
%RSD	2.6875	29.933	2.8997	223.62	2.5376	5.3799	18.155	23.628

#1	-.00618	-.00028	.01036	-.00004	.00586	-.00503	.00044	.00005
#2	-.00588	-.00039	.01022	-.00002	.00557	-.00471	.00058	.00004
#3	-.00592	-.00022	.00980	.00002	.00568	-.00452	.00041	.00006

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	.00071	.01256	.00104	.00138	.03230	-.0025	-.00579	5300.9
Stddev	.00006	.00028	.00014	.00037	.00327	.0001	.00069	52.3
%RSD	8.2520	2.2017	13.540	27.046	10.118	4.394	11.948	.98748

#1	.00069	.01248	.00119	.00102	.02970	-.0027	-.00585	5346.5
#2	.00067	.01287	.00101	.00135	.03597	-.0025	-.00506	5312.5
#3	.00078	.01234	.00091	.00176	.03122	-.0025	-.00644	5243.8

Sample Name: S0 Acquired: 4/3/2019 11:09:53 Type: Cal
 Method: P4-ICP2(v3015) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-201.95
Stddev	8.50
%RSD	4.2113

#1	-202.53
#2	-210.15
#3	-193.17

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4490.4	49135.	5868.2	84.825	4718.7
Stddev	7.7	245.	42.8	2.118	3.4
%RSD	.17052	.49899	.72887	2.4967	.07222

#1	4488.5	49168.	5818.9	82.883	4718.3
#2	4483.9	48875.	5894.6	84.508	4715.5
#3	4498.8	49362.	5891.2	87.083	4722.2

Sample Name: S1 Acquired: 4/3/2019 11:14:18 Type: Cal
Method: P4-ICP2(v3015) 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	.00117	.00665	.00632	.00100	.00660	.00166	.03914	.00557
Stddev	.00006	.00013	.00025	.00013	.00022	.00007	.00004	.00007
%RSD	4.8783	1.9513	3.9310	12.612	3.2876	4.5247	.09176	1.2671

#1	.00116	.00656	.00604	.00089	.00653	.00174	.03911	.00551
#2	.00124	.00659	.00652	.00098	.00643	.00163	.03913	.00565
#3	.00112	.00680	.00639	.00114	.00685	.00160	.03918	.00556

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02038	.00198	.02817	.02023	.01157	.02913	.01788	.00184
Stddev	.00014	.00008	.00013	.00008	.00002	.00021	.00018	.00004
%RSD	.70058	3.8191	.47681	.41713	.17000	.72570	1.0154	2.4001

#1	.02032	.00196	.02803	.02024	.01154	.02888	.01795	.00184
#2	.02028	.00206	.02830	.02015	.01157	.02924	.01767	.00180
#3	.02054	.00192	.02819	.02031	.01158	.02926	.01802	.00189

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	.00844	.08777	.14415	.00030	.00115	.13376	.00684	.01183
Stddev	.00010	.00018	.00047	.00001	.00016	.00223	.00005	.00051
%RSD	1.1277	.20341	.32478	3.5933	14.293	1.6639	.70640	4.2907

#1	.00851	.08772	.14469	.00032	.00118	.13567	.00689	.01155
#2	.00833	.08797	.14386	.00030	.00097	.13132	.00684	.01242
#3	.00849	.08762	.14389	.00030	.00130	.13431	.00679	.01152

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04825	-.0011	.19405	5372.3	-204.62
Stddev	.00116	.0001	.00068	32.3	5.23
%RSD	2.4032	7.316	.34800	.60054	2.5549

#1	.04743	-.0011	.19422	5360.4	-208.13
#2	.04775	-.0010	.19331	5408.9	-198.61
#3	.04958	-.0011	.19462	5347.7	-207.12

Sample Name: S1 Acquired: 4/3/2019 11:14:18 Type: Cal
Method: P4-ICP2(v3015) 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	4516.4	49601.	5920.9	86.439	4719.9
Stddev	2.7	202.	16.4	1.033	5.4
%RSD	.05941	.40752	.27689	1.1955	.11370
#1	4513.7	49781.	5902.3	85.300	4719.6
#2	4516.4	49382.	5933.2	87.317	4714.7
#3	4519.1	49640.	5927.2	86.700	4725.4

Sample Name: S2 Acquired: 4/3/2019 11:18:44 Type: Cal
Method: P4-ICP2(v3015) 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	.07865	.00149	.06318	.01087
Stddev	.00050	.00007	.00026	.00009
%RSD	.64070	4.4959	.40966	.82624

#1	.07891	.00142	.06333	.01077
#2	.07898	.00156	.06288	.01095
#3	.07807	.00149	.06333	.01089

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	49695.	5954.9
Stddev	162.	20.7
%RSD	.32536	.34745

#1	49548.	5939.2
#2	49669.	5947.2
#3	49868.	5978.3

Sample Name: S3 Acquired: 4/3/2019 11:22:58 Type: Cal
Method: P4-ICP2(v3015) 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	.11281	.38151	.61791	.13682	.27884	.04063	1.7094	.10768
Stddev	.00046	.00125	.00096	.00042	.00079	.00012	.0072	.00013
%RSD	.40831	.32719	.15579	.30746	.28308	.30581	.41962	.11729

#1	.11253	.38007	.61873	.13730	.27870	.04077	1.7102	.10773
#2	.11256	.38236	.61685	.13649	.27813	.04060	1.7162	.10754
#3	.11335	.38208	.61816	.13668	.27969	.04053	1.7019	.10778

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	4.2502	.46848	.09741	1.1393	.45139	.22864	1.5047	.00861
Stddev	.0028	.00207	.00007	.0019	.00107	.00010	.0030	.00008
%RSD	.06679	.44152	.07557	.16609	.23806	.04198	.20232	.97358

#1	4.2516	.46619	.09737	1.1410	.45188	.22875	1.5082	.00855
#2	4.2470	.46904	.09737	1.1373	.45016	.22858	1.5033	.00870
#3	4.2521	.47021	.09750	1.1395	.45213	.22858	1.5026	.00856

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	.68473	.12235	.34938	.24681	2.4536	.09020	1.6056	.00652
Stddev	.00121	.00033	.00234	.00069	.0028	.00038	.0021	.00004
%RSD	.17677	.26891	.67016	.27818	.11546	.41863	.13334	.63971

#1	.68566	.12218	.35013	.24741	2.4550	.09064	1.6045	.00656
#2	.68336	.12273	.35126	.24695	2.4504	.08996	1.6081	.00647
#3	.68518	.12215	.34676	.24606	2.4556	.09001	1.6043	.00652

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	.09934	.69105	.37390	.57351	3.2914	.1970	22.781	5084.2
Stddev	.00063	.00781	.00042	.00414	.0217	.0004	.104	35.5
%RSD	.63205	1.1304	.11287	.72253	.65844	.2023	.45779	.69895

#1	.09861	.68885	.37433	.56873	3.2969	.1968	22.731	5118.8
#2	.09968	.68457	.37390	.57613	3.2675	.1968	22.711	5047.8
#3	.09972	.69972	.37348	.57566	3.3098	.1975	22.901	5085.9

Sample Name: S3 Acquired: 4/3/2019 11:22:58 Type: Cal
Method: P4-ICP2(v3015) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-208.50
Stddev	4.50
%RSD	2.1592

#1	-204.12
#2	-213.11
#3	-208.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4535.2	50180.	6094.3	87.286	4565.0
Stddev	5.6	168.	42.0	1.382	4.9
%RSD	.12285	.33407	.68890	1.5828	.10696

#1	4533.7	50050.	6104.4	88.803	4563.1
#2	4530.5	50121.	6130.4	86.100	4561.3
#3	4541.3	50369.	6048.2	86.955	4570.5

Sample Name: S4 Acquired: 4/3/2019 11:26:58 Type: Cal
Method: P4-ICP2(v3015) 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	.22728	.76316	1.2504	.27510	.55891	.08207	3.4345	.21469
Stddev	.00082	.00352	.0010	.00046	.00051	.00026	.0136	.00081
%RSD	.36071	.46155	.07604	.16639	.09098	.31747	.39666	.37859
#1	.22643	.76097	1.2498	.27509	.55832	.08215	3.4240	.21412
#2	.22735	.76128	1.2499	.27464	.55916	.08178	3.4295	.21433
#3	.22806	.76722	1.2515	.27556	.55925	.08228	3.4499	.21562
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.6776	.93647	.19373	2.3192	.88813	.45162	2.9740	.01733
Stddev	.0046	.00359	.00042	.0012	.00056	.00196	.0040	.00016
%RSD	.05335	.38312	.21466	.05291	.06343	.43308	.13271	.92712
#1	8.6824	.93254	.19331	2.3194	.88807	.44937	2.9702	.01736
#2	8.6732	.93958	.19374	2.3178	.88759	.45257	2.9739	.01715
#3	8.6772	.93728	.19415	2.3203	.88871	.45292	2.9781	.01747
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	1.3846	.24371	.69750	.49372	5.0341	.18559	3.2048	.01327
Stddev	.0033	.00047	.00197	.00059	.0032	.00024	.0019	.00004
%RSD	.23564	.19481	.28175	.11865	.06266	.12722	.06087	.31860
#1	1.3876	.24320	.69638	.49305	5.0370	.18574	3.2035	.01330
#2	1.3850	.24414	.69634	.49396	5.0308	.18532	3.2038	.01322
#3	1.3811	.24378	.69976	.49415	5.0345	.18572	3.2070	.01329
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	.20470	1.3608	.75413	1.1476	6.5004	.4076	45.263	4842.4
Stddev	.00131	.0157	.00181	.0039	.0384	.0022	.245	58.1
%RSD	.64132	1.1556	.24066	.33959	.59080	.5296	.54071	1.1993
#1	.20489	1.3446	.75329	1.1436	6.4692	.4066	44.995	4891.7
#2	.20329	1.3760	.75289	1.1478	6.5433	.4061	45.475	4857.1
#3	.20590	1.3618	.75621	1.1514	6.4887	.4101	45.318	4778.4

Sample Name: S4 Acquired: 4/3/2019 11:26:58 Type: Cal
Method: P4-ICP2(v3015) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-200.45
Stddev	3.50
%RSD	1.7449

#1	-200.25
#2	-197.06
#3	-204.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4407.3	49183.	6069.6	85.070	4328.9
Stddev	7.9	97.	45.6	.655	11.0
%RSD	.17831	.19691	.75120	.77052	.25326

#1	4398.4	49216.	6116.7	85.786	4316.7
#2	4410.1	49260.	6025.7	84.925	4332.2
#3	4413.4	49074.	6066.3	84.500	4337.8

Sample Name: S5 Acquired: 4/3/2019 11:31:05 Type: Cal
Method: P4-ICP2(v3015) 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	.45831	1.5370	2.5364	.55283	1.1187	.16541	6.9105	.42827
Stddev	.00109	.0054	.0038	.00169	.0006	.00052	.0517	.00134
%RSD	.23876	.35112	.15051	.30618	.05656	.31256	.74822	.31234
#1	.45817	1.5355	2.5324	.55198	1.1191	.16490	6.9698	.42803
#2	.45730	1.5325	2.5401	.55172	1.1180	.16593	6.8865	.42707
#3	.45947	1.5430	2.5366	.55477	1.1189	.16539	6.8751	.42972
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	17.661	1.8579	.38397	4.7432	1.7451	.89340	5.8050	.03493
Stddev	.018	.0086	.00090	.0058	.0036	.00261	.0159	.00029
%RSD	.10074	.46249	.23467	.12220	.20381	.29252	.27297	.82641
#1	17.641	1.8533	.38314	4.7365	1.7453	.89059	5.8216	.03481
#2	17.675	1.8678	.38384	4.7463	1.7486	.89386	5.7900	.03526
#3	17.666	1.8526	.38493	4.7467	1.7415	.89576	5.8036	.03472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8105	.48750	1.4193	.99102	10.323	.38363	6.3909	.02684
Stddev	.0010	.00080	.0058	.00062	.017	.00080	.0108	.00037
%RSD	.03377	.16486	.40669	.06233	.16116	.20750	.16916	1.3736
#1	2.8109	.48682	1.4185	.99046	10.304	.38410	6.3998	.02661
#2	2.8094	.48728	1.4254	.99090	10.331	.38408	6.3789	.02665
#3	2.8112	.48839	1.4139	.99168	10.334	.38271	6.3940	.02727
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	.43273	2.6779	1.5469	2.2771	13.048	.8566	89.419	4737.3
Stddev	.00274	.0055	.0046	.0117	.049	.0039	.579	45.4
%RSD	.63204	.20523	.29984	.51537	.37364	.4557	.64750	.95835
#1	.43209	2.6716	1.5428	2.2795	13.069	.8548	89.597	4788.8
#2	.43037	2.6814	1.5458	2.2875	13.082	.8540	88.772	4720.2
#3	.43573	2.6808	1.5519	2.2644	12.992	.8611	89.889	4703.0

Sample Name: S5 Acquired: 4/3/2019 11:31:05 Type: Cal
 Method: P4-ICP2(v3015) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-203.89
Stddev	10.91
%RSD	5.3508

#1	-192.45
#2	-205.04
#3	-214.18

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4337.6	48588.	6065.7	83.596	4125.9
Stddev	2.7	125.	13.5	1.077	7.6
%RSD	.06306	.25734	.22303	1.2881	.18386

#1	4339.8	48447.	6050.5	84.373	4134.6
#2	4334.5	48684.	6070.4	84.049	4121.6
#3	4338.4	48633.	6076.3	82.367	4121.4

Sample Name: ICV01 Acquired: 4/3/2019 12:21:43 Type: Unk
Method: P4-ICP2(v3017) 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	1.0114	1.0467	1.0049	1.0115	1.0127	2.5498	.50607
Stddev	.0026	.0019	.0021	.0053	.0012	.0276	.00281
%RSD	.25837	.18052	.21065	.52597	.11432	1.0827	.55463

#1	1.0133	1.0480	1.0024	1.0058	1.0118	2.5540	.50808
#2	1.0123	1.0445	1.0057	1.0163	1.0123	2.5203	.50287
#3	1.0084	1.0475	1.0064	1.0125	1.0140	2.5750	.50728

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50175	.48747	10.294	.50653	.50348	.51475	5.1601
Stddev	.00059	.00093	.028	.00179	.00075	.00047	.0078
%RSD	.11730	.19136	.26781	.35327	.14978	.09224	.15040

#1	.50107	.48673	10.271	.50617	.50283	.51501	5.1685
#2	.50206	.48715	10.286	.50847	.50330	.51420	5.1532
#3	.50211	.48852	10.324	.50495	.50430	.51503	5.1586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51745	5.9883	.49985	.50945	10.052	.49575	.99248
Stddev	.00233	.1000	.00049	.00010	.050	.00178	.00183
%RSD	.44997	1.6706	.09794	.01881	.49749	.35824	.18406

#1	.51685	6.0279	.50040	.50937	10.068	.49779	.99131
#2	.52002	5.8745	.49945	.50955	9.9964	.49485	.99155
#3	.51547	6.0624	.49971	.50943	10.093	.49460	.99459

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8664	2.4832	2.4293	F -.00405	2.3994	2.4197	2.4994
Stddev	.0294	.0039	.0290	.00209	.0246	.0081	.0085
%RSD	.29837	.15875	1.1930	51.528	1.0248	.33511	.34088

#1	9.8548	2.4806	2.4396	-.00640	2.3829	2.4152	2.4895
#2	9.8445	2.4877	2.3966	-.00240	2.4277	2.4149	2.5038
#3	9.8998	2.4812	2.4518	-.00335	2.3876	2.4291	2.5047

Sample Name: ICV01 Acquired: 4/3/2019 12:21:43 Type: Unk
Method: P4-ICP2(v3017) 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	Cts/S
Avg	F -.00334	F .2471	F .00373	F 3.9583	zF *****
Stddev	.00182	.0015	.00010	.6187	-----
%RSD	54.427	.6083	2.7277	15.631	-----
#1	-.00505	.2489	.00366	4.4559	z 1803.8
#2	-.00143	.2464	.00385	3.2656	z 1800.0
#3	-.00356	.2462	.00370	4.1535	z 1796.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4439.1	49589.	6096.4	88.449	4551.8
Stddev	2.8	84.	46.1	1.476	7.6
%RSD	.06316	.17031	.75540	1.6687	.16658
#1	4437.1	49492.	6111.7	90.111	4550.9
#2	4442.3	49632.	6044.6	87.293	4559.9
#3	4438.0	49643.	6132.8	87.943	4544.8

Sample Name: LLICV01 Acquired: 4/3/2019 12:25:46 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02209	.04273	.01106	.02058	.05498	.10340	.10927	.00611
Stddev	.00159	.00101	.00058	.00189	.00231	.00884	.00104	.00012
%RSD	7.2186	2.3717	5.2768	9.1943	4.2001	8.5515	.95063	1.9836
#1	.02026	.04321	.01165	.02204	.05241	.09566	.10807	.00619
#2	.02319	.04156	.01106	.01844	.05689	.11304	.10985	.00617
#3	.02281	.04341	.01048	.02126	.05563	.10151	.10988	.00597
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00605	2.1818	.00978	.03093	.01835	.10180	.02213	2.1290
Stddev	.00007	.0095	.00008	.00043	.00008	.00104	.00009	.0231
%RSD	1.2354	.43301	.85501	1.4022	.43157	1.0200	.42174	1.0858
#1	.00614	2.1856	.00974	.03100	.01844	.10109	.02204	2.1023
#2	.00600	2.1887	.00988	.03046	.01828	.10299	.02223	2.1421
#3	.00602	2.1710	.00972	.03132	.01834	.10132	.02213	2.1425
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03950	.00969	1.9821	.03932	.04082	2.0402	.21796	.10543
Stddev	.00017	.00004	.0220	.00040	.00006	.0178	.00066	.01699
%RSD	.43142	.42730	1.1099	1.0159	.14634	.87266	.30080	16.117
#1	.03959	.00971	1.9597	.03924	.04087	2.0381	.21871	.10298
#2	.03960	.00964	1.9829	.03975	.04076	2.0235	.21767	.12351
#3	.03930	.00971	2.0036	.03896	.04084	2.0590	.21750	.08979
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00921	.42926	.03898	.04388	F .01245	F .2638	.01920	F 3.0881
Stddev	.00163	.00359	.00019	.00078	.00149	.0002	.00009	.2921
%RSD	17.719	.83639	.49295	1.7680	11.935	.0817	.46736	9.4602
#1	.01048	.43217	.03879	.04454	.01149	.2638	.01912	2.8448
#2	.00737	.42525	.03917	.04407	.01169	.2640	.01930	3.4121
#3	.00978	.43036	.03899	.04303	.01416	.2636	.01919	3.0073

Sample Name: LLICV01 Acquired: 4/3/2019 12:25:46 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg zF *****
Stddev -----
%RSD -----

#1 z 1704.3
#2 z 1735.2
#3 z 1705.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4533.7	50419.	6176.0	89.619	4760.8
Stddev	8.4	209.	42.1	1.002	1.8
%RSD	.18552	.41392	.68124	1.1186	.03734

#1	4538.8	50535.	6135.0	88.983	4762.4
#2	4524.0	50178.	6174.1	89.100	4758.9
#3	4538.4	50544.	6219.1	90.775	4761.0

Sample Name: ICB01 Acquired: 4/3/2019 12:30:33 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00027	-.00206	-.00201	.00124	-.00533	.00074	-.00069
Stddev	.00412	.00085	.00022	.00232	.00081	.01214	.00025	.00005
%RSD	3096.4	312.24	10.682	115.44	65.497	227.64	33.626	7.6657

#1	-.00372	.00109	-.00181	-.00139	.00208	.00545	.00086	-.00067
#2	-.00037	.00031	-.00222	-.00458	.00045	-.00297	.00091	-.00074
#3	.00448	-.00059	-.00215	-.00006	.00119	-.01847	.00046	-.00064

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00598	-.00097	.00017	-.00137	.00063	-.00025	.02246
Stddev	.00008	.01279	.00054	.00011	.00035	.00072	.00003	.03403
%RSD	71.204	214.04	55.989	64.597	25.711	113.97	12.159	151.52

#1	-.00020	.00125	-.00077	.00013	-.00104	.00027	-.00029	.03572
#2	-.00010	.00156	-.00159	.00030	-.00174	.00016	-.00024	-.01620
#3	-.00004	-.02074	-.00055	.00009	-.00133	.00146	-.00023	.04786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00109	-.20440	-.00274	-.00075	-.04379	-.00029	-.00772
Stddev	.00005	.00026	.01026	.00045	.00009	.02233	.00014	.00433
%RSD	2.7393	23.645	5.0174	16.446	11.439	50.990	49.747	56.112

#1	-.00175	-.00119	-.21492	-.00317	-.00069	-.05764	-.00028	-.00847
#2	-.00182	-.00080	-.20386	-.00278	-.00085	-.05570	-.00015	-.01162
#3	-.00173	-.00128	-.19443	-.00227	-.00072	-.01803	-.00043	-.00306

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00683	-.00560	-.00013	.00014	-.00517	F .2470	-.00239	F 3.1336
Stddev	.00138	.00243	.00020	.00044	.00096	.0014	.00003	.3982
%RSD	20.248	43.441	146.09	318.66	18.655	.5747	1.3318	12.709

#1	-.00695	-.00287	.00008	.00026	-.00628	.2485	-.00236	2.7494
#2	-.00816	-.00639	-.00019	.00051	-.00457	.2457	-.00242	3.5446
#3	-.00540	-.00755	-.00030	-.00035	-.00467	.2466	-.00240	3.1068

Sample Name: ICB01 Acquired: 4/3/2019 12:30:33 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1682.6
#2	z 1698.1
#3	z 1693.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4485.7	50038.	6048.3	86.508	4714.9
Stddev	10.9	78.	28.5	1.170	6.5
%RSD	.24386	.15601	.47039	1.3520	.13722

#1	4473.7	50028.	6079.5	85.158	4707.7
#2	4488.2	50121.	6041.7	87.217	4716.8
#3	4495.1	49966.	6023.8	87.150	4720.2

Sample Name: CRI01 Acquired: 4/3/2019 12:35:01 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02076	.04299	.01111	.02031	.05420	.10632	.10810	.00603
Stddev	.00215	.00012	.00093	.00282	.00131	.00232	.00118	.00006
%RSD	10.362	.27757	8.4059	13.871	2.4085	2.1828	1.0922	.97284
#1	.02324	.04290	.01141	.01714	.05337	.10888	.10730	.00605
#2	.01953	.04294	.01006	.02252	.05570	.10575	.10753	.00607
#3	.01950	.04313	.01185	.02128	.05352	.10435	.10945	.00596
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	2.1752	.00974	.03070	.01862	.10296	.02221	2.1109
Stddev	.00007	.0179	.00018	.00027	.00032	.00127	.00017	.0467
%RSD	1.1231	.82350	1.8119	.89284	1.7373	1.2352	.75928	2.2137
#1	.00604	2.1568	.00955	.03067	.01897	.10178	.02240	2.0976
#2	.00592	2.1762	.00989	.03043	.01832	.10280	.02216	2.0723
#3	.00604	2.1926	.00979	.03098	.01858	.10430	.02208	2.1629
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03983	.01003	1.9484	.03961	.04096	2.0307	.21753	.09751
Stddev	.00049	.00060	.0127	.00046	.00018	.0234	.00045	.00995
%RSD	1.2198	6.0051	.65026	1.1496	.42984	1.1529	.20688	10.206
#1	.03966	.00938	1.9467	.04013	.04115	2.0375	.21761	.10366
#2	.04038	.01013	1.9366	.03935	.04093	2.0500	.21793	.10284
#3	.03945	.01057	1.9618	.03934	.04080	2.0047	.21704	.08602
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01003	.43201	.03778	.04558	F .01132	F .2641	.01917	F 3.1963
Stddev	.00229	.00268	.00055	.00187	.00226	.0012	.00008	.4723
%RSD	22.816	.62129	1.4445	4.1009	19.982	.4375	.41566	14.778
#1	.01266	.43334	.03793	.04433	.00871	.2649	.01908	2.6959
#2	.00882	.43376	.03718	.04773	.01269	.2646	.01922	3.2584
#3	.00859	.42892	.03824	.04467	.01256	.2627	.01922	3.6344

Sample Name: CRI01 Acquired: 4/3/2019 12:35:01 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1711.8
#2	z 1712.5
#3	z 1708.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.6	50388.	6111.3	89.339	4728.5
Stddev	11.0	145.	37.3	1.698	8.2
%RSD	.24341	.28681	.61058	1.9011	.17297

#1	4505.9	50367.	6141.4	91.300	4720.4
#2	4496.0	50542.	6069.5	88.350	4728.3
#3	4517.9	50255.	6122.9	88.367	4736.8

Sample Name: ICSA01 Acquired: 4/3/2019 12:39:27 Type: Unk
Method: P4-ICP2(v3017) 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	.00152	.00820	.00370	-.01148	.01137	274.95	.00733	-.00008
Stddev	.00182	.00022	.00146	.00677	.00051	1.48	.00056	.00007
%RSD	119.39	2.6499	39.499	59.021	4.4518	.53833	7.6267	89.170
#1	-.00050	.00798	.00202	-.00610	.01177	273.24	.00745	-.00012
#2	.00204	.00841	.00468	-.01909	.01154	275.91	.00673	-.00011
#3	.00302	.00820	.00439	-.00924	.01080	275.69	.00783	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	251.32	.04665	-.00046	.00130	96.696	.01355	273.86
Stddev	.00013	.19	.00072	.00009	.00022	.978	.00012	1.93
%RSD	5.8980	.07646	1.5384	19.357	16.787	1.0118	.91302	.70502
#1	-.00209	251.53	.04650	-.00056	.00106	96.219	.01369	271.63
#2	-.00235	251.26	.04601	-.00041	.00134	97.821	.01347	274.98
#3	-.00224	251.16	.04743	-.00040	.00150	96.048	.01348	274.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00944	-.00898	-.13576	-.00120	-.01781	-.07545	.00020	.05771
Stddev	.00029	.00013	.00459	.00012	.00029	.02084	.00048	.00612
%RSD	3.0968	1.4827	3.3805	9.7725	1.6093	27.622	241.39	10.601
#1	-.00948	-.00912	-.13704	-.00128	-.01755	-.05433	.00030	.06469
#2	-.00913	-.00885	-.13067	-.00107	-.01812	-.09600	-.00032	.05327
#3	-.00971	-.00897	-.13957	-.00125	-.01777	-.07602	.00062	.05517
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00547	.00581	-.00170	.00435	F .2471	-.00400	7.5307
Stddev	.00162	.00127	.00121	.00161	.00058	.0025	.00104	.2295
%RSD	71.023	23.302	20.832	94.873	13.304	1.018	25.880	3.0474
#1	.00392	-.00609	.00669	-.00356	.00501	.2451	-.00359	7.5784
#2	.00223	-.00632	.00631	-.00091	.00408	.2499	-.00518	7.2811
#3	.00068	-.00400	.00443	-.00063	.00396	.2462	-.00324	7.7326

Sample Name: ICSA01 Acquired: 4/3/2019 12:39:27 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 2549.7
#2	z 2527.9
#3	z 2541.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.0	45423.	5874.4	79.021	3818.7
Stddev	6.3	202.	40.8	.640	16.7
%RSD	.15586	.44545	.69523	.80963	.43606

#1	4033.8	45516.	5832.2	79.367	3799.5
#2	4045.5	45191.	5877.2	79.413	3828.3
#3	4043.6	45563.	5913.7	78.283	3828.3

Sample Name: ICSAB01 Acquired: 4/3/2019 12:44:06 Type: Unk
Method: P4-ICP2(v3017) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10515	.11718	.05833	.04302	.65036	274.22	.55350
Stddev	.00170	.00068	.00093	.00230	.00158	2.22	.00330
%RSD	1.6195	.57607	1.5863	5.3515	.24297	.80967	.59559

#1	.10478	.11655	.05833	.04080	.65143	271.97	.55269
#2	.10365	.11789	.05741	.04287	.64854	274.27	.55069
#3	.10700	.11709	.05926	.04540	.65111	276.41	.55713

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55540	1.0220	250.41	.55973	.51851	.49546	96.355
Stddev	.00140	.0011	1.30	.00077	.00123	.00188	.345
%RSD	.25293	.10640	.51875	.13820	.23780	.37958	.35828

#1	.55702	1.0225	250.95	.55901	.51991	.49340	96.395
#2	.55471	1.0208	251.36	.55962	.51798	.49588	96.678
#3	.55448	1.0228	248.93	.56055	.51762	.49709	95.992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52638	274.84	1.0039	.20661	-.15544	.51296	1.0946
Stddev	.00306	2.17	.0012	.00137	.00778	.00003	.0008
%RSD	.58088	.79113	.12129	.66285	5.0055	.00571	.07784

#1	.52446	272.95	1.0039	.20531	-.16229	.51293	1.0956
#2	.52477	274.37	1.0027	.20804	-.15704	.51299	1.0942
#3	.52991	277.22	1.0051	.20648	-.14698	.51294	1.0940

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10465	1.0526	1.1278	F -.00946	.97423	1.0968	1.0557
Stddev	.05090	.0063	.0033	.00317	.00874	.0035	.0016
%RSD	48.636	.59483	.29060	33.541	.89751	.32188	.15257

#1	-.07442	1.0497	1.1261	-.00675	.97668	1.0930	1.0539
#2	-.16341	1.0484	1.1315	-.00869	.98149	1.1000	1.0571
#3	-.07612	1.0598	1.1256	-.01295	.96452	1.0973	1.0562

Sample Name: ICSAB01 Acquired: 4/3/2019 12:44:06 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F .00391	F .2478	F -.00387	8.2570	Z *****
Stddev	.00064	.0013	.00059	.5668	-----
%RSD	16.289	.5313	15.265	6.8648	-----
#1	.00465	.2476	-.00406	8.5287	Z 2537.6
#2	.00355	.2466	-.00434	8.6368	Z 2551.2
#3	.00354	.2493	-.00321	7.6054	Z 2544.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4036.9	45690.	5931.1	80.039	3790.2
Stddev	7.9	134.	46.2	1.946	5.8
%RSD	.19608	.29271	.77923	2.4309	.15329
#1	4034.4	45836.	5904.2	80.105	3785.2
#2	4045.8	45661.	5904.6	78.061	3796.6
#3	4030.6	45574.	5984.4	81.950	3788.8

Sample Name: CCV01 Acquired: 4/3/2019 12:48:30 Type: Unk
 Method: P4-ICP2(v3017) 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	5.1560	5.1664	5.1520	5.1817	5.1686	10.281	10.208	.26151
Stddev	.0088	.0111	.0052	.0069	.0163	.068	.045	.00041
%RSD	.17119	.21489	.10132	.13391	.31536	.66552	.44147	.15536
#1	5.1487	5.1778	5.1507	5.1737	5.1781	10.205	10.191	.26172
#2	5.1658	5.1655	5.1578	5.1862	5.1780	10.338	10.174	.26178
#3	5.1536	5.1557	5.1476	5.1851	5.1498	10.298	10.259	.26104
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5469	25.666	1.0267	2.5732	1.2771	5.1414	2.5661	25.717
Stddev	.0012	.073	.0014	.0003	.0020	.0061	.0074	.153
%RSD	.04782	.28412	.13934	.00957	.15896	.11799	.28891	.59356
#1	2.5468	25.610	1.0269	2.5735	1.2794	5.1350	2.5595	25.547
#2	2.5482	25.749	1.0252	2.5731	1.2761	5.1419	2.5741	25.764
#3	2.5457	25.639	1.0280	2.5730	1.2758	5.1471	2.5646	25.841
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5404	1.2825	25.824	2.5474	2.5824	24.857	5.0938	5.0315
Stddev	.0036	.0029	.080	.0018	.0032	.113	.0041	.0626
%RSD	.14214	.22490	.30796	.06962	.12591	.45288	.08122	1.2449
#1	2.5440	1.2796	25.738	2.5463	2.5836	24.730	5.0942	4.9786
#2	2.5407	1.2853	25.895	2.5495	2.5848	24.943	5.0977	5.1007
#3	2.5367	1.2825	25.839	2.5465	2.5787	24.898	5.0894	5.0153
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0676	5.0950	5.1227	5.1695	5.0715	5.180	5.2085	F 6.4779
Stddev	.0112	.0217	.0148	.0187	.0299	.010	.0184	.1619
%RSD	.22059	.42510	.28829	.36153	.59004	.1957	.35248	2.4991
#1	5.0793	5.1155	5.1272	5.1788	5.0986	5.183	5.2276	6.5060
#2	5.0664	5.0972	5.1347	5.1818	5.0765	5.189	5.2071	6.3038
#3	5.0571	5.0724	5.1062	5.1480	5.0394	5.169	5.1909	6.6238

Sample Name: CCV01 Acquired: 4/3/2019 12:48:30 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg zF *****
Stddev -----
%RSD -----

#1 z 1891.2
#2 z 1890.8
#3 z 1886.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4285.5	47984.	5961.3	83.971	4197.2
Stddev	5.1	80.	29.2	.204	7.8
%RSD	.11920	.16636	.48980	.24286	.18653

#1	4279.7	48073.	5928.8	84.150	4189.1
#2	4289.4	47919.	5969.7	83.749	4204.7
#3	4287.4	47960.	5985.4	84.015	4197.9

Sample Name: LLCCV01 Acquired: 4/3/2019 12:52:38 Type: Unk
Method: P4-ICP2(v3017) 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	.02214	.04280	.01178	.02284	.05740	.10638	.11146	.00614
Stddev	.00137	.00134	.00059	.00192	.00170	.00580	.00028	.00006
%RSD	6.1945	3.1360	4.9775	8.4011	2.9610	5.4488	.25045	.94976
#1	.02337	.04274	.01154	.02139	.05915	.09989	.11129	.00616
#2	.02066	.04416	.01135	.02212	.05729	.10821	.11179	.00608
#3	.02239	.04148	.01245	.02502	.05576	.11104	.11132	.00619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.2174	.00990	.03126	.01870	.10293	.02239	2.1484
Stddev	.00001	.0400	.00018	.00014	.00027	.00006	.00018	.0227
%RSD	.17348	1.8047	1.8337	.44001	1.4395	.05885	.79091	1.0588
#1	.00614	2.1904	.00970	.03141	.01876	.10300	.02257	2.1234
#2	.00613	2.1985	.00992	.03114	.01893	.10290	.02221	2.1539
#3	.00612	2.2634	.01006	.03123	.01841	.10289	.02238	2.1679
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04030	.01028	1.9960	.04001	.04161	2.0375	.22036	.10450
Stddev	.00009	.00036	.0031	.00025	.00040	.0398	.00161	.00984
%RSD	.21711	3.4878	.15641	.63251	.96992	1.9507	.73085	9.4198
#1	.04030	.01068	1.9969	.04030	.04198	2.0827	.22160	.11565
#2	.04038	.00998	1.9926	.03986	.04165	2.0081	.22094	.09703
#3	.04021	.01019	1.9987	.03987	.04118	2.0216	.21854	.10082
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00692	.43633	.03969	.04404	F .01322	F .2647	.01976	F 3.8500
Stddev	.00096	.00193	.00063	.00201	.00115	.0006	.00005	.2624
%RSD	13.810	.44217	1.5820	4.5628	8.7215	.2212	.23731	6.8162
#1	.00760	.43837	.04042	.04632	.01294	.2652	.01981	3.6137
#2	.00583	.43610	.03934	.04254	.01223	.2649	.01971	4.1324
#3	.00733	.43453	.03932	.04325	.01448	.2641	.01977	3.8038

Sample Name: LLCCV01 Acquired: 4/3/2019 12:52:38 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1722.7
#2	z 1694.0
#3	z 1707.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4474.0	49703.	6064.8	87.981	4699.8
Stddev	14.2	149.	5.5	.842	11.6
%RSD	.31831	.29965	.09045	.95742	.24765

#1	4464.8	49547.	6070.8	87.158	4689.4
#2	4466.7	49718.	6060.1	87.942	4697.7
#3	4490.4	49843.	6063.3	88.842	4712.4

Sample Name: CCB01 Acquired: 4/3/2019 12:57:06 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00362	.00047	-.00117	-.00278	.00124	-.00978	.00060	-.00076
Stddev	.00095	.00061	.00065	.00159	.00110	.00310	.00016	.00006
%RSD	26.295	129.97	55.438	57.011	88.932	31.705	27.217	7.3667
#1	.00401	.00106	-.00090	-.00458	.00021	-.00730	.00075	-.00081
#2	.00253	.00053	-.00070	-.00157	.00240	-.00878	.00063	-.00078
#3	.00431	-.00017	-.00191	-.00220	.00110	-.01325	.00043	-.00070
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00501	-.00083	.00022	-.00161	-.00093	-.00033	.01351
Stddev	.00004	.01205	.00004	.00003	.00006	.00064	.00003	.01884
%RSD	34.506	240.56	4.2403	13.830	3.7136	68.580	10.506	139.48
#1	-.00018	.00017	-.00086	.00024	-.00155	-.00136	-.00037	-.00731
#2	-.00009	.01872	-.00084	.00022	-.00167	-.00124	-.00032	.01846
#3	-.00012	-.00387	-.00079	.00018	-.00162	-.00020	-.00031	.02938
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.00078	-.22846	-.00326	-.00060	-.02832	-.00012	-.00227
Stddev	.00014	.00016	.00298	.00029	.00007	.04896	.00022	.00638
%RSD	6.9316	20.529	1.3038	8.7660	11.110	172.88	191.12	281.49
#1	-.00196	-.00074	-.22971	-.00315	-.00066	.00468	-.00035	.00007
#2	-.00186	-.00064	-.22505	-.00304	-.00060	-.08458	.00009	.00262
#3	-.00213	-.00095	-.23060	-.00358	-.00053	-.00507	-.00009	-.00949
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00369	-.00344	.00005	-.00024	-.00539	F .2459	-.00244	F 3.7748
Stddev	.00229	.00153	.00096	.00040	.00107	.0009	.00006	.2373
%RSD	62.011	44.351	1907.9	162.19	19.750	.3839	2.3612	6.2857
#1	-.00144	-.00463	.00112	.00021	-.00416	.2449	-.00242	4.0136
#2	-.00601	-.00172	-.00021	-.00051	-.00601	.2462	-.00250	3.7718
#3	-.00362	-.00396	-.00075	-.00043	-.00600	.2467	-.00239	3.5391

Sample Name: CCB01 Acquired: 4/3/2019 12:57:06 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1682.3
#2	z 1693.8
#3	z 1686.9

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4500.9	50419.	6150.2	88.797	4727.2
Stddev	10.2	132.	30.5	1.461	12.0
%RSD	.22757	.26238	.49594	1.6450	.25484

#1	4491.5	50281.	6156.6	87.808	4715.2
#2	4499.3	50545.	6177.0	88.108	4727.0
#3	4511.8	50431.	6117.0	90.475	4739.3

Sample Name: PB118530BL Acquired: 4/3/2019 13:01:01 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.00060	-.00130	-.00063	.00187	-.00836	.00033	-.00073
Stddev	.00154	.00055	.00117	.00120	.00174	.00686	.00068	.00007
%RSD	69.478	91.041	89.492	188.62	93.093	82.136	206.87	9.9788
#1	.00280	-.00001	-.00222	-.00100	.00067	-.01391	.00001	-.00081
#2	.00339	-.00109	.00001	-.00160	.00107	-.01048	-.00013	-.00073
#3	.00047	-.00072	-.00170	.00070	.00387	-.00068	.00111	-.00066
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00314	-.00067	.00020	-.00172	-.00024	-.00023	.01129
Stddev	.00005	.00870	.00007	.00019	.00036	.00066	.00003	.04715
%RSD	32.896	276.84	10.883	98.050	20.688	278.87	12.940	417.63
#1	-.00017	.00714	-.00074	-.00002	-.00191	-.00049	-.00025	.04248
#2	-.00009	-.00684	-.00060	.00032	-.00195	.00051	-.00025	-.04295
#3	-.00017	.00913	-.00068	.00029	-.00131	-.00073	-.00020	.03434
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	-.00070	-.23719	-.00271	-.00145	-.10978	-.00015	-.00330
Stddev	.00030	.00037	.01394	.00038	.00005	.02683	.00014	.00682
%RSD	17.669	52.996	5.8779	14.178	3.3051	24.444	94.962	206.79
#1	-.00184	-.00029	-.22885	-.00236	-.00146	-.12153	-.00001	-.01056
#2	-.00194	-.00080	-.25328	-.00265	-.00140	-.07907	-.00015	-.00231
#3	-.00137	-.00101	-.22943	-.00312	-.00149	-.12873	-.00029	.00297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	-.00277	-.00200	.00056	-.00701	F .2454	-.00240	F 3.6875
Stddev	.00234	.00147	.00021	.00064	.00064	.0009	.00005	.1498
%RSD	106.64	52.987	10.300	114.75	9.1180	.3690	2.0804	4.0618
#1	-.00490	-.00446	-.00181	.00087	-.00711	.2463	-.00241	3.5147
#2	-.00098	-.00184	-.00222	.00099	-.00633	.2452	-.00235	3.7674
#3	-.00072	-.00200	-.00197	-.00018	-.00760	.2445	-.00245	3.7805

Sample Name: PB118530BL Acquired: 4/3/2019 13:01:01 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1697.0
#2	Z 1677.9
#3	Z 1697.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4492.0	50353.	6101.1	88.850	4727.4
Stddev	14.1	46.	16.8	.789	14.1
%RSD	.31490	.09045	.27509	.88815	.29828

#1	4477.1	50319.	6082.5	88.333	4711.9
#2	4505.2	50405.	6115.1	89.758	4739.4
#3	4493.7	50335.	6105.8	88.458	4731.0

Sample Name: PB118530BS Acquired: 4/3/2019 13:05:30 Type: Unk
Method: P4-ICP2(v3017) 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	.80494	2.0553	1.0276	2.0200	.84970	2.0708	.21337	.20593
Stddev	.00276	.0169	.0074	.0091	.00366	.0243	.00234	.00007
%RSD	.34303	.82439	.71700	.44833	.43075	1.1755	1.0958	.03379
#1	.80225	2.0368	1.0196	2.0097	.84626	2.0694	.21163	.20593
#2	.80479	2.0588	1.0290	2.0240	.84929	2.0472	.21244	.20587
#3	.80777	2.0702	1.0341	2.0264	.85354	2.0958	.21603	.20601
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19945	1.0938	.43114	.21164	.33037	3.2453	.21892	2.0874
Stddev	.00128	.0092	.00108	.00129	.00243	.0007	.00102	.0339
%RSD	.64239	.83914	.25086	.60757	.73652	.02197	.46440	1.6226
#1	.19872	1.0839	.43134	.21017	.32763	3.2460	.21907	2.1241
#2	.19869	1.0957	.42998	.21257	.33118	3.2452	.21986	2.0572
#3	.20093	1.1019	.43211	.21217	.33229	3.2446	.21784	2.0809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51745	.07481	3.0548	.31702	.20492	10.044	.42724	.31394
Stddev	.00333	.00016	.0222	.00057	.00118	.050	.00344	.00108
%RSD	.64391	.21790	.72782	.17930	.57410	.50270	.80573	.34500
#1	.51364	.07482	3.0416	.31651	.20357	9.9926	.42331	.31491
#2	.51886	.07464	3.0424	.31693	.20547	10.045	.42868	.31413
#3	.51983	.07497	3.0805	.31763	.20572	10.094	.42972	.31277
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.0686	.95947	.72571	.21493	.19911	F 5.481	.20825	F 3.4633
Stddev	.0277	.01520	.00448	.00242	.00134	.033	.00037	.5423
%RSD	1.3401	1.5846	.61755	1.1238	.67530	.6051	.17706	15.659
#1	2.0390	.97443	.72071	.21314	.19791	5.443	.20782	3.0490
#2	2.0730	.95993	.72704	.21397	.20057	5.497	.20847	3.2639
#3	2.0939	.94404	.72937	.21768	.19885	5.503	.20844	4.0771

Sample Name: PB118530BS Acquired: 4/3/2019 13:05:30 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg zF *****
 Stddev -----
 %RSD -----

#1 z 1759.3
 #2 z 1715.6
 #3 z 1717.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4425.3	50108.	6126.0	89.047	4629.1
Stddev	6.9	156.	54.5	.154	7.7
%RSD	.15483	.31121	.88971	.17315	.16651

#1	4430.7	49936.	6095.9	89.225	4629.9
#2	4417.6	50150.	6093.2	88.967	4621.0
#3	4427.6	50239.	6188.9	88.950	4636.3

Sample Name: K2187-01 Acquired: 4/3/2019 13:09:38 Type: Unk
Method: P4-ICP2(v3017) 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	.00437	.00095	.00516	-.00047	-.00045	.01742	.12666	-.00068
Stddev	.00125	.00152	.00088	.00089	.00273	.00319	.00075	.00004
%RSD	28.544	159.82	17.120	189.81	601.02	18.280	.59202	5.7713
#1	.00320	.00005	.00605	-.00128	.00114	.01926	.12603	-.00066
#2	.00423	.00010	.00514	-.00060	.00111	.01375	.12749	-.00064
#3	.00568	.00271	.00429	.00048	-.00361	.01926	.12645	-.00072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	37.106	.00185	.00131	-.00067	.37631	.03485	22.366
Stddev	.00005	.038	.00013	.00010	.00030	.00119	.00025	.112
%RSD	18.677	.10215	6.9963	7.2845	44.427	.31516	.70865	.49952
#1	.00022	37.149	.00200	.00141	-.00035	.37580	.03503	22.279
#2	.00023	37.084	.00178	.00131	-.00095	.37767	.03457	22.492
#3	.00031	37.083	.00178	.00122	-.00072	.37547	.03495	22.328
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	-.00149	39.141	.03166	.04088	4.9901	.00375	.10258
Stddev	.00021	.00040	.091	.00028	.00014	.0428	.00020	.00643
%RSD	8.9156	26.787	.23285	.87723	.33109	.85819	5.4092	6.2659
#1	.00237	-.00193	39.038	.03146	.04098	4.9873	.00398	.10936
#2	.00247	-.00138	39.210	.03154	.04072	5.0343	.00360	.10180
#3	.00208	-.00115	39.175	.03198	.04093	4.9488	.00368	.09658
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0669	F 13.275	-.00628	.00025	.00092	.3855	.24717	4.0996
Stddev	.0714	.120	.00130	.00097	.00111	.0010	.00144	.5028
%RSD	1.1772	.90033	20.788	391.09	121.15	.2525	.58321	12.264
#1	6.0033	13.389	-.00617	.00101	-.00004	.3851	.24850	3.5942
#2	6.0533	13.151	-.00763	-.00084	.00066	.3848	.24564	4.5997
#3	6.1442	13.287	-.00503	.00058	.00214	.3866	.24737	4.1048

Sample Name: K2187-01 Acquired: 4/3/2019 13:09:38 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1841.0
#2	Z 1859.2
#3	Z 1862.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4432.6	50347.	6326.9	90.765	4534.4
Stddev	5.3	45.	44.1	1.338	3.8
%RSD	.11879	.08940	.69754	1.4742	.08285

#1	4431.8	50356.	6282.3	89.782	4536.8
#2	4438.2	50298.	6370.5	90.224	4536.2
#3	4427.8	50387.	6327.9	92.289	4530.0

Sample Name: K2187-01DUP Acquired: 4/3/2019 13:14:01 Type: Unk
Method: P4-ICP2(v3017) 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	.00275	.00077	.00560	-.00107	-.00092	.02107	.12963	-.00069
Stddev	.00092	.00052	.00095	.00310	.00104	.00747	.00076	.00004
%RSD	33.490	67.738	16.874	290.03	112.68	35.441	.58599	5.1144
#1	.00315	.00085	.00603	-.00060	-.00164	.02655	.12917	-.00073
#2	.00169	.00125	.00452	-.00438	.00027	.02410	.13050	-.00067
#3	.00340	.00021	.00626	.00177	-.00139	.01257	.12920	-.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	37.041	.00183	.00116	.00011	.37836	.03522	22.527
Stddev	.00003	.060	.00028	.00020	.00023	.00080	.00044	.104
%RSD	21.066	.16298	15.214	16.916	217.80	.21147	1.2502	.46256
#1	.00012	36.972	.00187	.00094	-.00011	.37822	.03546	22.549
#2	.00018	37.069	.00208	.00121	.00035	.37922	.03549	22.619
#3	.00018	37.082	.00153	.00132	.00008	.37764	.03471	22.414
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	-.00075	39.692	.03171	.04106	5.0525	.00356	.10273
Stddev	.00021	.00044	.141	.00007	.00036	.0400	.00031	.00918
%RSD	8.4089	58.574	.35449	.23385	.88045	.79210	8.6475	8.9386
#1	.00255	-.00078	39.709	.03164	.04145	5.0063	.00392	.10997
#2	.00277	-.00116	39.823	.03179	.04098	5.0748	.00339	.09240
#3	.00234	-.00029	39.543	.03170	.04074	5.0763	.00338	.10583
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0679	F 13.171	-.00478	.00229	-.00030	.3851	.24749	4.4917
Stddev	.0437	.011	.00049	.00074	.00076	.0011	.00057	.5526
%RSD	.72095	.08557	10.267	32.391	258.46	.2865	.22898	12.303
#1	6.1174	13.184	-.00509	.00156	-.00104	.3844	.24790	3.9318
#2	6.0519	13.161	-.00422	.00227	.00049	.3864	.24773	4.5065
#3	6.0344	13.169	-.00504	.00304	-.00033	.3845	.24685	5.0367

Sample Name: K2187-01DUP Acquired: 4/3/2019 13:14:01 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1843.2
#2	z 1838.6
#3	z 1834.1

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4386.0	49576.	6330.2	89.808	4491.9
Stddev	17.4	132.	13.6	1.221	17.3
%RSD	.39590	.26638	.21442	1.3600	.38413

#1	4377.5	49594.	6335.7	89.034	4479.6
#2	4374.6	49436.	6314.7	89.174	4484.5
#3	4406.0	49698.	6340.1	91.216	4511.6

Sample Name: K2187-01LX5 Acquired: 4/3/2019 13:18:22 Type: Unk
Method: P4-ICP2(v3017) 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	.00367	-.00004	.00041	.00147	.00251	-.00900	.02647	-.00065
Stddev	.00196	.00102	.00063	.00129	.00251	.01285	.00043	.00005
%RSD	53.470	2669.0	154.56	88.272	99.956	142.79	1.6267	7.4659

#1	.00214	.00056	.00069	.00231	.00137	-.01286	.02686	-.00067
#2	.00299	-.00122	.00084	.00211	.00077	.00534	.02601	-.00068
#3	.00589	.00055	-.00031	-.00002	.00540	-.01947	.02653	-.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	7.7318	-.00092	.00034	-.00159	.07471	.00683	4.5167
Stddev	.00005	.0155	.00032	.00017	.00015	.00114	.00009	.0466
%RSD	164.12	.20066	34.457	49.662	9.7054	1.5318	1.2991	1.0316

#1	-.00008	7.7223	-.00077	.00045	-.00160	.07583	.00680	4.4701
#2	.00003	7.7234	-.00128	.00042	-.00174	.07475	.00675	4.5633
#3	-.00005	7.7497	-.00070	.00015	-.00143	.07355	.00693	4.5166

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00089	7.7708	.00417	.00843	1.0006	.00051	.01523
Stddev	.00021	.00029	.0646	.00026	.00007	.0188	.00010	.00106
%RSD	20.585	32.472	.83145	6.3245	.86438	1.8749	19.696	6.9584

#1	-.00077	-.00105	7.7671	.00434	.00842	1.0180	.00060	.01463
#2	-.00113	-.00056	7.7081	.00387	.00851	.98074	.00040	.01645
#3	-.00112	-.00107	7.8372	.00431	.00836	1.0031	.00054	.01460

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2111	2.8000	-.00261	-.00055	-.00395	.2744	.04988	4.5318
Stddev	.0075	.0138	.00021	.00178	.00087	.0002	.00021	.3551
%RSD	.61911	.49152	8.2312	326.75	21.941	.0660	.41616	7.8355

#1	1.2062	2.8152	-.00237	-.00044	-.00299	.2745	.04967	4.3588
#2	1.2197	2.7962	-.00278	-.00238	-.00420	.2742	.04989	4.9403
#3	1.2073	2.7884	-.00268	.00118	-.00467	.2744	.05009	4.2964

Sample Name: K2187-01LX5 Acquired: 4/3/2019 13:18:22 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1715.9
#2	z 1719.6
#3	z 1719.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4426.5	50101.	6208.8	89.936	4616.2
Stddev	15.4	159.	10.1	2.077	14.2
%RSD	.34729	.31762	.16285	2.3091	.30848

#1	4412.0	50165.	6216.3	89.983	4603.0
#2	4425.0	50217.	6197.3	87.835	4614.3
#3	4442.6	49919.	6212.7	91.988	4631.3

Sample Name: K2187-01MS Acquired: 4/3/2019 13:22:47 Type: Unk
Method: P4-ICP2(v3017) 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	.82342	2.0224	1.0201	2.1096	.85453	2.0635	.32823	.21465
Stddev	.00739	.0030	.0032	.0035	.00134	.0123	.00161	.00008
%RSD	.89766	.14901	.31465	.16635	.15727	.59515	.48901	.03824
#1	.82421	2.0238	1.0171	2.1124	.85488	2.0522	.32639	.21470
#2	.83038	2.0245	1.0235	2.1107	.85566	2.0617	.32897	.21455
#3	.81566	2.0190	1.0196	2.1056	.85304	2.0766	.32933	.21469
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19993	36.525	.41474	.20797	.31987	3.4551	.24087	23.215
Stddev	.00078	.091	.00071	.00119	.00149	.0044	.00119	.274
%RSD	.38884	.25050	.17083	.57396	.46619	.12724	.49362	1.1783
#1	.20024	36.551	.41401	.20697	.32119	3.4589	.23958	22.933
#2	.20051	36.424	.41542	.20929	.32017	3.4561	.24111	23.234
#3	.19905	36.602	.41479	.20766	.31825	3.4503	.24192	23.479
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50457	.07354	40.345	.34209	.24772	14.604	.41993	.40534
Stddev	.00101	.00044	.197	.00097	.00070	.113	.00169	.01800
%RSD	.19942	.60141	.48763	.28365	.28284	.77691	.40251	4.4419
#1	.50487	.07386	40.132	.34258	.24724	14.545	.42025	.38805
#2	.50540	.07372	40.383	.34271	.24853	14.532	.42144	.42399
#3	.50345	.07304	40.520	.34097	.24740	14.735	.41810	.40398
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7849	F 13.548	.73013	.20962	.19688	5.954	.43620	5.6125
Stddev	.0160	.075	.00107	.00067	.00239	.001	.00169	.3412
%RSD	.27709	.55048	.14609	.31951	1.2120	.0200	.38660	6.0790
#1	5.7855	13.634	.72976	.21039	.19957	5.955	.43812	5.6243
#2	5.7686	13.509	.73133	.20921	.19501	5.953	.43495	5.9475
#3	5.8006	13.501	.72929	.20925	.19607	5.955	.43553	5.2655

Sample Name: K2187-01MS Acquired: 4/3/2019 13:22:47 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1912.3
#2 z 1897.8
#3 z 1910.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4297.4	49335.	6178.6	89.218	4394.8
Stddev	4.0	168.	30.4	1.127	3.6
%RSD	.09373	.34097	.49279	1.2637	.08185

#1	4294.9	49486.	6143.5	87.919	4398.9
#2	4295.2	49365.	6198.0	89.787	4392.5
#3	4302.0	49153.	6194.2	89.948	4392.9

Sample Name: K2187-01MSD Acquired: 4/3/2019 13:26:50 Type: Unk
Method: P4-ICP2(v3017) 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	.80735	1.9869	.99972	2.0729	.83830	2.0433	.32107	.20998
Stddev	.00804	.0137	.00408	.0076	.00560	.0254	.00142	.00048
%RSD	.99603	.68952	.40769	.36598	.66773	1.2410	.44299	.22828
#1	.79923	1.9711	.99531	2.0666	.83396	2.0331	.32229	.20988
#2	.80752	1.9936	1.0034	2.0708	.83632	2.0721	.32142	.21050
#3	.81531	1.9959	1.0005	2.0814	.84462	2.0246	.31951	.20956
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19528	35.754	.40519	.20300	.31183	3.3802	.23438	22.919
Stddev	.00093	.203	.00066	.00116	.00079	.0044	.00079	.122
%RSD	.47554	.56871	.16278	.57226	.25331	.12984	.33694	.53143
#1	.19422	35.601	.40586	.20170	.31111	3.3848	.23441	22.920
#2	.19594	35.985	.40517	.20393	.31171	3.3796	.23516	23.041
#3	.19567	35.677	.40454	.20337	.31268	3.3761	.23358	22.798
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49393	.07180	39.602	.33489	.24215	14.278	.40967	.39328
Stddev	.00286	.00069	.141	.00167	.00079	.105	.00235	.00944
%RSD	.57970	.95965	.35716	.49980	.32740	.73190	.57328	2.3994
#1	.49082	.07212	39.565	.33677	.24126	14.293	.40696	.40222
#2	.49646	.07101	39.758	.33355	.24276	14.373	.41088	.38341
#3	.49451	.07227	39.483	.33436	.24244	14.166	.41116	.39421
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7395	F 13.173	.71615	.20718	.19215	5.855	.42822	5.5717
Stddev	.0389	.064	.00149	.00167	.00085	.040	.00101	.3316
%RSD	.67856	.48404	.20767	.80459	.44473	.6746	.23596	5.9514
#1	5.6964	13.118	.71452	.20605	.19275	5.811	.42711	5.5821
#2	5.7721	13.159	.71743	.20910	.19253	5.868	.42845	5.2351
#3	5.7502	13.243	.71650	.20641	.19117	5.886	.42909	5.8981

Sample Name: K2187-01MSD Acquired: 4/3/2019 13:26:50 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1919.8
#2	z 1900.2
#3	z 1896.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4355.7	50152.	6304.0	92.476	4444.4
Stddev	11.7	69.	29.8	2.085	7.4
%RSD	.26828	.13781	.47274	2.2545	.16645

#1	4361.5	50083.	6320.2	92.994	4453.0
#2	4363.4	50151.	6322.2	94.253	4440.3
#3	4342.3	50221.	6269.6	90.181	4440.0

Sample Name: K2187-01A Acquired: 4/3/2019 13:30:53 Type: Unk
Method: P4-ICP2(v3017) 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	.80969	1.9744	1.0037	2.0687	.84109	2.0592	.32753	.21184
Stddev	.00379	.0008	.0021	.0062	.00278	.0193	.00134	.00029
%RSD	.46858	.03977	.20789	.30159	.33093	.93650	.41052	.13522
#1	.80860	1.9752	1.0025	2.0622	.84421	2.0536	.32702	.21157
#2	.81390	1.9744	1.0061	2.0694	.83887	2.0807	.32905	.21214
#3	.80655	1.9736	1.0026	2.0746	.84019	2.0434	.32651	.21179
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19583	36.118	.40825	.20359	.31234	3.4083	.23691	23.096
Stddev	.00011	.185	.00056	.00054	.00061	.0131	.00071	.150
%RSD	.05708	.51098	.13781	.26529	.19615	.38562	.30100	.64798
#1	.19596	35.915	.40763	.20365	.31301	3.4001	.23626	22.963
#2	.19579	36.165	.40837	.20410	.31181	3.4234	.23767	23.258
#3	.19575	36.275	.40874	.20303	.31219	3.4013	.23679	23.066
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49406	.07243	40.225	.33588	.24377	14.429	.41036	.40014
Stddev	.00107	.00048	.179	.00082	.00051	.106	.00032	.00990
%RSD	.21591	.65604	.44473	.24530	.21003	.73809	.07788	2.4742
#1	.49357	.07287	40.183	.33650	.24331	14.378	.41054	.41155
#2	.49528	.07251	40.421	.33620	.24432	14.551	.40999	.39383
#3	.49333	.07192	40.071	.33495	.24367	14.357	.41055	.39505
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6937	F 13.332	.71603	.20800	.19368	5.829	.43380	5.8557
Stddev	.0111	.101	.00114	.00122	.00186	.010	.00133	.0860
%RSD	.19411	.75891	.15947	.58650	.96262	.1698	.30663	1.4682
#1	5.6814	13.293	.71552	.20899	.19175	5.840	.43266	5.8517
#2	5.7027	13.257	.71522	.20664	.19547	5.823	.43348	5.7717
#3	5.6970	13.447	.71733	.20837	.19380	5.823	.43526	5.9435

Sample Name: K2187-01A Acquired: 4/3/2019 13:30:53 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1910.9
#2	z 1902.9
#3	z 1880.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4310.8	49225.	6198.7	88.468	4405.8
Stddev	6.8	114.	50.1	1.687	6.4
%RSD	.15827	.23118	.80799	1.9065	.14602

#1	4303.4	49319.	6223.8	90.278	4405.0
#2	4316.8	49098.	6231.2	88.186	4399.8
#3	4312.4	49257.	6141.0	86.940	4412.6

Sample Name: K2187-02 Acquired: 4/3/2019 13:34:58 Type: Unk
Method: P4-ICP2(v3017) 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	.04756	.00049	.00140	-.00092	.00040	.02405	.11903	-.00060
Stddev	.00445	.00027	.00083	.00072	.00194	.01366	.00027	.00006
%RSD	9.3606	54.371	59.710	78.390	488.88	56.794	.22797	10.144

#1	.05269	.00081	.00137	-.00174	.00158	.01736	.11877	-.00066
#2	.04468	.00033	.00058	-.00039	.00146	.03976	.11931	-.00058
#3	.04532	.00035	.00225	-.00063	-.00184	.01502	.11900	-.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	55.082	-.00129	.00131	.00424	1.8593	.29854	23.626
Stddev	.00003	.234	.00041	.00018	.00046	.0024	.00083	.046
%RSD	18.508	.42476	32.026	13.384	10.762	.12631	.27780	.19363

#1	-.00014	54.913	-.00169	.00135	.00457	1.8604	.29949	23.630
#2	-.00020	54.984	-.00086	.00112	.00442	1.8608	.29796	23.579
#3	-.00014	55.349	-.00131	.00146	.00372	1.8566	.29817	23.671

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.00117	23.536	-.00212	.03170	5.1661	.00819	.19735
Stddev	.00038	.00068	.079	.00017	.00007	.0534	.00006	.01264
%RSD	43.385	58.474	.33485	7.9017	.21553	1.0342	.73946	6.4030

#1	.00047	-.00065	23.454	-.00193	.03172	5.1078	.00826	.21162
#2	.00092	-.00194	23.542	-.00226	.03162	5.1778	.00815	.19290
#3	.00123	-.00091	23.612	-.00215	.03175	5.2127	.00817	.18755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3030	8.2791	-.00592	.00142	-.00425	.7566	.22782	4.6335
Stddev	.0538	.0192	.00097	.00019	.00020	.0049	.00119	.0989
%RSD	.85394	.23178	16.401	13.174	4.5998	.6510	.52132	2.1335

#1	6.3300	8.2572	-.00692	.00161	-.00403	.7616	.22699	4.5194
#2	6.3380	8.2873	-.00585	.00141	-.00434	.7562	.22728	4.6860
#3	6.2410	8.2928	-.00498	.00123	-.00440	.7518	.22918	4.6949

Sample Name: K2187-02 Acquired: 4/3/2019 13:34:58 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg Z *****
Stddev -----
%RSD -----

#1 Z 1878.3
#2 Z 1863.1
#3 Z 1875.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4355.2	50156.	6358.3	91.509	4449.8
Stddev	15.7	32.	15.5	.999	.7
%RSD	.36135	.06314	.24403	1.0922	.01509

#1	4343.7	50172.	6364.8	91.941	4449.8
#2	4373.2	50175.	6369.5	92.220	4450.5
#3	4348.8	50119.	6340.6	90.366	4449.2

Sample Name: K2187-03 Acquired: 4/3/2019 13:39:20 Type: Unk
Method: P4-ICP2(v3017) 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	.01404	.00066	.00808	-.00072	.00189	.58788	.08768	-.00058
Stddev	.00143	.00017	.00026	.00118	.00114	.00480	.00064	.00006
%RSD	10.170	25.661	3.2281	163.38	60.364	.81597	.73344	9.4734

#1	.01446	.00069	.00812	.00063	.00313	.58561	.08842	-.00053
#2	.01521	.00080	.00832	-.00129	.00089	.58463	.08725	-.00058
#3	.01245	.00047	.00780	-.00151	.00164	.59339	.08737	-.00064

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	55.022	.00138	.00113	.00671	1.2603	.03607	25.336
Stddev	.00008	.245	.00017	.00013	.00047	.0054	.00018	.150
%RSD	128.49	.44500	12.002	11.689	6.9361	.42942	.49220	.59037

#1	-.00011	54.841	.00126	.00112	.00664	1.2541	.03599	25.456
#2	.00003	55.301	.00157	.00127	.00629	1.2627	.03595	25.169
#3	-.00012	54.926	.00131	.00101	.00721	1.2641	.03627	25.384

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	-.00109	15.785	-.00031	.03392	3.3281	.00445	.07967
Stddev	.00028	.00059	.056	.00037	.00012	.0435	.00010	.02114
%RSD	10.710	53.714	.35465	121.97	.36144	1.3060	2.2872	26.536

#1	.00285	-.00125	15.845	-.00003	.03394	3.3547	.00434	.07765
#2	.00232	-.00044	15.734	-.00015	.03379	3.2780	.00445	.10175
#3	.00275	-.00159	15.777	-.00073	.03403	3.3517	.00454	.05961

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1556	F 10.095	-.00607	.03237	-.00336	.3276	.20267	5.8785
Stddev	.0462	.091	.00019	.00136	.00022	.0008	.00060	.2025
%RSD	.64568	.90406	3.1843	4.2088	6.6678	.2292	.29561	3.4452

#1	7.1184	9.9937	-.00613	.03082	-.00311	.3270	.20284	5.7339
#2	7.1409	10.171	-.00586	.03292	-.00354	.3273	.20317	6.1100
#3	7.2073	10.119	-.00623	.03338	-.00343	.3284	.20201	5.7916

Sample Name: K2187-03 Acquired: 4/3/2019 13:39:20 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1857.2
#2	z 1857.5
#3	z 1857.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4269.9	49407.	6281.7	88.053	4368.4
Stddev	4.9	92.	44.4	.985	2.4
%RSD	.11493	.18687	.70653	1.1185	.05386

#1	4268.8	49367.	6319.9	89.188	4370.1
#2	4265.6	49512.	6233.0	87.539	4365.7
#3	4275.3	49341.	6292.1	87.431	4369.3

Sample Name: CCV02 Acquired: 4/3/2019 13:43:43 Type: Unk
Method: P4-ICP2(v3017) 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	5.3448	5.2738	5.3582	5.3811	5.4183	10.614	10.539	.26815
Stddev	.0160	.0111	.0169	.0072	.0179	.094	.075	.00036
%RSD	.29979	.21015	.31575	.13383	.33038	.88800	.71324	.13442
#1	5.3621	5.2750	5.3425	5.3738	5.4201	10.505	10.524	.26822
#2	5.3417	5.2843	5.3561	5.3882	5.3996	10.676	10.620	.26776
#3	5.3305	5.2622	5.3761	5.3811	5.4352	10.660	10.472	.26847
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6171	25.918	1.0314	2.6771	1.3150	5.1747	2.5902	26.385
Stddev	.0052	.020	.0014	.0029	.0032	.0095	.0075	.219
%RSD	.19924	.07823	.13984	.10950	.24621	.18460	.28942	.82822
#1	2.6118	25.917	1.0302	2.6749	1.3163	5.1640	2.5885	26.309
#2	2.6170	25.898	1.0310	2.6759	1.3113	5.1776	2.5837	26.631
#3	2.6223	25.938	1.0330	2.6804	1.3174	5.1824	2.5984	26.215
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5966	1.3068	26.601	2.5625	2.7059	24.716	5.2269	5.1836
Stddev	.0034	.0028	.090	.0038	.0041	.140	.0035	.0487
%RSD	.13069	.21699	.33958	.14976	.15256	.56683	.06644	.93970
#1	2.5940	1.3073	26.503	2.5586	2.7013	24.620	5.2249	5.1289
#2	2.5953	1.3037	26.621	2.5627	2.7074	24.652	5.2250	5.2223
#3	2.6004	1.3093	26.680	2.5663	2.7091	24.877	5.2309	5.1996
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1951	5.2529	5.4055	5.3861	4.9828	5.287	5.3032	F 7.8568
Stddev	.0220	.0361	.0153	.0160	.0269	.018	.0243	.2249
%RSD	.42344	.68662	.28338	.29643	.54003	.3356	.45741	2.8624
#1	5.2051	5.2848	5.3902	5.3681	4.9884	5.289	5.3170	7.8680
#2	5.2104	5.2138	5.4208	5.3985	4.9536	5.304	5.2752	8.0758
#3	5.1699	5.2601	5.4055	5.3916	5.0066	5.269	5.3174	7.6265

Sample Name: CCV02 Acquired: 4/3/2019 13:43:43 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1845.6
#2	z 1872.2
#3	z 1851.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.1	48104.	6115.9	86.449	4114.7
Stddev	10.3	70.	42.0	.699	4.1
%RSD	.24663	.14637	.68744	.80849	.10012

#1	4180.5	48029.	6073.3	85.678	4112.8
#2	4199.9	48169.	6157.3	87.042	4119.5
#3	4184.1	48114.	6117.1	86.626	4111.9

Sample Name: CCB02 Acquired: 4/3/2019 13:47:50 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00075	-.00059	-.00001	.00500	-.01378	.00081	-.00067
Stddev	.00195	.00039	.00148	.00116	.00084	.01398	.00021	.00004
%RSD	2202.1	51.151	250.46	9771.8	16.829	101.42	26.470	5.8617
#1	.00151	.00033	.00111	.00083	.00406	-.01653	.00093	-.00063
#2	.00088	.00084	-.00130	-.00134	.00526	-.02618	.00056	-.00071
#3	-.00213	.00109	-.00158	.00047	.00568	.00136	.00094	-.00068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01356	-.00125	.00023	-.00194	-.00260	-.00050	.00739
Stddev	.00004	.01550	.00015	.00012	.00003	.00104	.00001	.04733
%RSD	54.611	114.30	11.748	52.245	1.3605	40.026	1.7286	640.79
#1	-.00008	.02691	-.00112	.00030	-.00191	-.00325	-.00050	.06167
#2	-.00010	.01719	-.00141	.00009	-.00195	-.00140	-.00051	-.02527
#3	-.00003	-.00343	-.00123	.00032	-.00196	-.00314	-.00049	-.01424
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	-.00078	-.21004	-.00268	-.00099	-.04945	.00019	-.00194
Stddev	.00038	.00074	.00925	.00033	.00011	.01516	.00035	.01829
%RSD	21.519	94.308	4.4053	12.176	11.195	30.655	180.41	942.35
#1	-.00188	-.00068	-.22070	-.00240	-.00087	-.04234	.00007	-.01956
#2	-.00206	-.00010	-.20536	-.00260	-.00102	-.06685	.00059	.01695
#3	-.00133	-.00157	-.20407	-.00304	-.00109	-.03915	-.00008	-.00320
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00414	.00089	.00145	.00068	-.00471	F .2444	-.00234	F 5.5112
Stddev	.00152	.00178	.00070	.00056	.00014	.0003	.00002	.4419
%RSD	36.865	200.98	48.455	82.887	2.8793	.1260	1.0298	8.0183
#1	-.00563	.00294	.00225	.00044	-.00456	.2445	-.00233	5.9970
#2	-.00420	-.00008	.00104	.00133	-.00476	.2446	-.00237	5.4035
#3	-.00258	-.00020	.00104	.00027	-.00482	.2440	-.00232	5.1331

Sample Name: CCB02 Acquired: 4/3/2019 13:47:50 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1638.5
#2	z 1639.1
#3	z 1652.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4403.4	50173.	6167.8	87.900	4635.4
Stddev	11.0	142.	52.6	1.650	9.2
%RSD	.24932	.28383	.85314	1.8776	.19939

#1	4391.9	50101.	6121.0	86.325	4628.3
#2	4404.6	50337.	6157.5	89.617	4632.2
#3	4413.7	50081.	6224.8	87.758	4645.9

Sample Name: PB118516BL Acquired: 4/3/2019 13:52:19 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00083	-.00091	-.00121	.00263	-.01386	.00076	-.00070
Stddev	.00045	.00004	.00068	.00389	.00112	.01313	.00039	.00006
%RSD	20.812	4.8959	74.941	323.09	42.350	94.763	51.687	9.2705

#1	.00169	.00086	-.00125	-.00533	.00287	-.02119	.00120	-.00071
#2	.00227	.00085	-.00012	-.00069	.00361	.00130	.00046	-.00063
#3	.00259	.00079	-.00135	.00241	.00142	-.02169	.00061	-.00076

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01161	-.00091	.00039	-.00235	-.00276	-.00045	.00265
Stddev	.00002	.01287	.00016	.00017	.00021	.00055	.00002	.04937
%RSD	17.771	110.88	18.063	44.245	8.8670	19.735	4.7819	1866.1

#1	-.00014	.01439	-.00083	.00058	-.00241	-.00289	-.00043	.01394
#2	-.00012	-.00243	-.00079	.00033	-.00212	-.00217	-.00045	.04539
#3	-.00010	.02286	-.00109	.00025	-.00252	-.00323	-.00047	-.05139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	-.00072	-.24087	-.00302	-.00146	-.03152	-.00021	-.01061
Stddev	.00043	.00030	.00206	.00021	.00007	.02627	.00028	.00493
%RSD	20.215	41.789	.85416	6.9549	5.1196	83.339	136.97	46.462

#1	-.00250	-.00073	-.24103	-.00294	-.00152	-.01028	-.00027	-.00906
#2	-.00217	-.00041	-.24285	-.00325	-.00138	-.02340	-.00045	-.00664
#3	-.00166	-.00101	-.23874	-.00285	-.00148	-.06090	.00010	-.01612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00485	-.00234	-.00271	.00073	-.00826	.2436	-.00240	5.7306
Stddev	.00067	.00241	.00046	.00154	.00065	.0010	.00004	.5487
%RSD	13.771	103.07	17.098	210.26	7.8576	.4018	1.6578	9.5748

#1	-.00446	-.00463	-.00274	.00156	-.00825	.2444	-.00244	5.3160
#2	-.00562	.00018	-.00316	.00169	-.00891	.2439	-.00236	6.3528
#3	-.00446	-.00258	-.00223	-.00105	-.00761	.2425	-.00240	5.5230

Sample Name: PB118516BL Acquired: 4/3/2019 13:52:19 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1645.5
#2	z 1653.0
#3	z 1664.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4406.9	50191.	6186.0	88.842	4632.7
Stddev	7.0	85.	20.2	2.247	8.9
%RSD	.15777	.17019	.32598	2.5289	.19107

#1	4399.4	50273.	6193.1	91.325	4622.6
#2	4413.1	50199.	6163.2	88.250	4639.3
#3	4408.1	50103.	6201.6	86.950	4636.0

Sample Name: PB118516BS Acquired: 4/3/2019 13:56:49 Type: Unk
Method: P4-ICP2(v3017) 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	.79106	2.0142	1.0156	2.0154	.82113	1.9861	.20593	.20608
Stddev	.00254	.0052	.0021	.0022	.00439	.0088	.00245	.00011
%RSD	.32159	.25972	.20635	.11129	.53411	.44102	1.1903	.05155
#1	.78994	2.0130	1.0145	2.0172	.81647	1.9942	.20325	.20610
#2	.78928	2.0096	1.0181	2.0161	.82175	1.9768	.20805	.20597
#3	.79398	2.0199	1.0143	2.0129	.82518	1.9873	.20651	.20618
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19416	1.0541	.40868	.20680	.32432	3.1056	.20736	2.0359
Stddev	.00004	.0198	.00052	.00032	.00110	.0113	.00071	.0343
%RSD	.02071	1.8747	.12769	.15538	.33832	.36517	.34410	1.6857
#1	.19415	1.0558	.40811	.20711	.32322	3.0983	.20664	1.9981
#2	.19421	1.0729	.40879	.20683	.32433	3.0998	.20739	2.0652
#3	.19413	1.0335	.40913	.20647	.32542	3.1186	.20806	2.0443
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49926	.07242	2.9421	.30037	.20367	9.4633	.39763	.27058
Stddev	.00053	.00047	.0247	.00096	.00028	.0849	.00202	.00738
%RSD	.10517	.64899	.83888	.32104	.13529	.89745	.50850	2.7262
#1	.49873	.07294	2.9156	.29952	.20375	9.3958	.39534	.27409
#2	.49925	.07202	2.9644	.30016	.20336	9.5587	.39838	.27555
#3	.49978	.07232	2.9463	.30142	.20389	9.4355	.39917	.26210
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 7.5832	.91054	.70384	.20656	.18873	F 5.440	.20141	F 6.2905
Stddev	.0299	.00446	.00126	.00119	.00065	.006	.00050	.1435
%RSD	.39411	.48929	.17849	.57537	.34476	.1188	.24964	2.2813
#1	7.5743	.91532	.70370	.20793	.18837	5.443	.20199	6.1538
#2	7.5588	.90650	.70265	.20594	.18948	5.433	.20105	6.2776
#3	7.6166	.90982	.70516	.20580	.18833	5.445	.20121	6.4399

Sample Name: PB118516BS Acquired: 4/3/2019 13:56:49 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg zF *****
Stddev -----
%RSD -----

#1 z 1722.9
#2 z 1726.0
#3 z 1726.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4349.8	49853.	6116.0	88.717	4548.5
Stddev	4.4	190.	69.3	2.327	9.6
%RSD	.10018	.38115	1.1331	2.6227	.21019

#1	4347.0	49936.	6062.1	86.525	4537.7
#2	4354.8	49986.	6194.2	91.158	4555.6
#3	4347.5	49635.	6091.8	88.467	4552.3

Sample Name: K2177-01 Acquired: 4/3/2019 14:00:55 Type: Unk
Method: P4-ICP2(v3017) 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	.00334	.00222	.00243	-.00240	-.00225	-.03683	.02133	-.00069
Stddev	.00052	.00049	.00068	.00155	.00074	.01270	.00039	.00002
%RSD	15.438	21.828	27.798	64.617	33.064	34.487	1.8498	2.9550
#1	.00328	.00278	.00293	-.00202	-.00162	-.04966	.02146	-.00067
#2	.00388	.00191	.00166	-.00107	-.00307	-.03659	.02088	-.00071
#3	.00286	.00198	.00269	-.00410	-.00206	-.02425	.02164	-.00070
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	50.683	-.00168	-.00001	-.00234	.00890	.00554	100.02
Stddev	.00013	.051	.00034	.00018	.00021	.00060	.00005	.70
%RSD	131.08	.10041	20.066	1512.3	8.8499	6.7532	.89511	.69838
#1	-.00021	50.627	-.00177	-.00016	-.00213	.00832	.00548	99.401
#2	-.00012	50.697	-.00130	-.00006	-.00255	.00952	.00554	99.884
#3	.00004	50.725	-.00196	.00019	-.00235	.00887	.00558	100.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00471	-.00115	808.40	-.00208	-.00037	28.869	.00059	.31820
Stddev	.00031	.00029	2.21	.00042	.00008	.125	.00019	.00886
%RSD	6.6822	25.484	.27356	20.159	22.099	.43125	32.625	2.7843
#1	-.00476	-.00082	805.85	-.00189	-.00028	28.746	.00046	.32546
#2	-.00500	-.00138	809.85	-.00178	-.00043	28.867	.00049	.30833
#3	-.00438	-.00124	809.50	-.00256	-.00041	28.995	.00081	.32083
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.081	2.2026	-.03017	-.00262	.00009	.2754	.62789	9.1488
Stddev	.394	.0060	.00013	.00146	.00124	.0007	.00235	.2787
%RSD	.55370	.27437	.43947	55.612	1428.0	.2563	.37366	3.0460
#1	70.627	2.1957	-.03031	-.00355	.00137	.2759	.62526	9.3745
#2	71.302	2.2052	-.03006	-.00336	-.00109	.2746	.62977	9.2345
#3	71.315	2.2070	-.03013	-.00094	-.00002	.2758	.62865	8.8373

Sample Name: K2177-01 Acquired: 4/3/2019 14:00:55 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1909.6
#2 z 1909.5
#3 z 1919.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.5	46345.	6169.1	89.445	3857.7
Stddev	8.4	100.	13.3	1.279	5.9
%RSD	.20730	.21678	.21481	1.4303	.15261

#1	4051.8	46379.	6154.7	90.269	3858.8
#2	4046.5	46425.	6172.1	87.971	3862.9
#3	4035.3	46232.	6180.7	90.095	3851.3

Sample Name: K2177-01DUP Acquired: 4/3/2019 14:05:27 Type: Unk
Method: P4-ICP2(v3017) 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	.00413	.00191	.00187	-.00016	-.00207	-.04830	.02019	-.00065
Stddev	.00144	.00062	.00084	.00062	.00201	.00188	.00068	.00005
%RSD	34.739	32.221	44.768	384.87	97.173	3.8838	3.3703	8.2563
#1	.00545	.00123	.00091	-.00020	-.00431	-.04627	.02024	-.00070
#2	.00260	.00207	.00243	.00048	-.00042	-.04997	.02084	-.00059
#3	.00435	.00243	.00227	-.00077	-.00148	-.04866	.01948	-.00066
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	49.776	-.00160	.00014	-.00228	.00807	.00547	98.842
Stddev	.00004	.280	.00014	.00005	.00002	.00052	.00010	.413
%RSD	36.451	.56186	8.8294	32.801	1.0671	6.4449	1.8434	.41823
#1	-.00008	49.791	-.00144	.00013	-.00228	.00771	.00535	98.384
#2	-.00011	50.048	-.00165	.00020	-.00226	.00784	.00552	98.955
#3	-.00016	49.490	-.00171	.00010	-.00231	.00867	.00553	99.188
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00444	-.00100	781.27	-.00234	-.00040	28.586	.00051	.30592
Stddev	.00034	.00043	1.76	.00007	.00008	.136	.00017	.00905
%RSD	7.5463	43.356	.22586	2.9063	20.472	.47499	33.954	2.9598
#1	-.00424	-.00141	782.78	-.00240	-.00031	28.433	.00060	.30971
#2	-.00483	-.00105	781.69	-.00226	-.00041	28.630	.00062	.29558
#3	-.00426	-.00055	779.33	-.00236	-.00047	28.694	.00031	.31246
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.542	2.1589	-.02945	-.00129	-.00073	.2725	.62115	8.5167
Stddev	.348	.0023	.00023	.00140	.00144	.0012	.00301	.1838
%RSD	.50050	.10735	.79404	108.45	196.62	.4454	.48478	2.1584
#1	69.152	2.1562	-.02947	-.00023	.00054	.2712	.62244	8.4583
#2	69.819	2.1599	-.02967	-.00076	-.00229	.2737	.62330	8.7226
#3	69.656	2.1605	-.02921	-.00288	-.00045	.2726	.61771	8.3692

Sample Name: K2177-01DUP Acquired: 4/3/2019 14:05:27 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1873.1
#2	z 1902.0
#3	z 1892.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4063.1	46856.	6273.2	90.007	3890.0
Stddev	3.6	103.	24.1	.733	17.1
%RSD	.08869	.22068	.38493	.81448	.44066

#1	4060.9	46928.	6248.6	90.380	3909.7
#2	4061.1	46903.	6273.9	89.162	3879.0
#3	4067.2	46737.	6296.9	90.478	3881.3

Sample Name: K2177-01LX5 Acquired: 4/3/2019 14:14:25 Type: Unk
Method: P4-ICP2(v3017) 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	.00166	.00106	-.00026	.00011	.00011	-.01381	.00466	-.00067
Stddev	.00120	.00036	.00054	.00124	.00139	.00256	.00042	.00006
%RSD	72.481	33.676	205.53	1088.7	1299.6	18.532	9.0003	8.3842
#1	.00169	.00135	-.00022	-.00108	-.00136	-.01129	.00448	-.00072
#2	.00284	.00066	.00026	.00001	.00140	-.01374	.00436	-.00061
#3	.00044	.00117	-.00082	.00141	.00027	-.01641	.00514	-.00069
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	10.397	-.00158	.00023	-.00163	-.00343	.00044	19.278
Stddev	.00004	.019	.00006	.00005	.00004	.00007	.00005	.124
%RSD	19.749	.18707	3.8979	23.537	2.4053	2.1405	10.848	.64488
#1	-.00023	10.381	-.00162	.00025	-.00168	-.00346	.00049	19.333
#2	-.00015	10.392	-.00162	.00026	-.00161	-.00348	.00043	19.135
#3	-.00019	10.419	-.00151	.00016	-.00161	-.00335	.00039	19.365
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	-.00089	147.84	-.00256	-.00089	5.5244	-.00009	.05664
Stddev	.00031	.00019	2.09	.00041	.00012	.0205	.00018	.01267
%RSD	9.1805	21.229	1.4167	15.842	13.234	.37052	198.28	22.367
#1	-.00321	-.00104	146.25	-.00212	-.00076	5.5478	.00005	.05793
#2	-.00322	-.00068	147.05	-.00265	-.00097	5.5157	-.00029	.06861
#3	-.00376	-.00095	150.21	-.00291	-.00095	5.5097	-.00003	.04337
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.031	.44095	-.00669	.00136	.00422	.2503	.12720	8.0064
Stddev	.063	.00225	.00008	.00060	.00106	.0010	.00014	.4214
%RSD	.48104	.51084	1.2545	43.940	25.038	.4018	.10972	5.2634
#1	13.086	.43944	-.00679	.00093	.00498	.2495	.12704	8.4874
#2	13.043	.43988	-.00664	.00204	.00301	.2514	.12730	7.8297
#3	12.963	.44354	-.00665	.00110	.00466	.2500	.12726	7.7021

Sample Name: K2177-01LX5 Acquired: 4/3/2019 14:14:25 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1722.6
#2 z 1721.9
#3 z 1727.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4248.8	49031.	6303.8	93.041	4254.9
Stddev	15.5	142.	10.0	1.031	9.4
%RSD	.36438	.28880	.15825	1.1076	.22125

#1	4233.8	49082.	6294.3	93.090	4247.4
#2	4247.7	49139.	6314.2	91.988	4251.8
#3	4264.7	48870.	6302.9	94.047	4265.5

Sample Name: K2177-01MS Acquired: 4/3/2019 14:18:49 Type: Unk
Method: P4-ICP2(v3017) 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	.86639	1.9370	1.0571	2.2183	.86113	2.1264	.23724	.22532
Stddev	.00110	.0080	.0036	.0111	.00108	.0117	.00081	.00050
%RSD	.12708	.41398	.34278	.50220	.12528	.54850	.34108	.22110
#1	.86639	1.9459	1.0613	2.2248	.86159	2.1393	.23773	.22567
#2	.86529	1.9348	1.0545	2.2247	.85989	2.1234	.23631	.22475
#3	.86750	1.9303	1.0556	2.2055	.86190	2.1165	.23769	.22553
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20880	50.463	.40022	.21895	.30692	3.0558	.20565	98.869
Stddev	.00052	.178	.00063	.00079	.00002	.0031	.00095	.515
%RSD	.24916	.35303	.15828	.36028	.00806	.10055	.46053	.52048
#1	.20939	50.297	.39956	.21986	.30690	3.0579	.20502	99.434
#2	.20843	50.651	.40083	.21843	.30695	3.0522	.20518	98.427
#3	.20858	50.440	.40027	.21855	.30692	3.0571	.20674	98.745
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51526	.07473	779.17	.30733	.23944	37.661	.39993	.60055
Stddev	.00235	.00057	4.39	.00021	.00044	.018	.00067	.00659
%RSD	.45522	.76459	.56401	.06712	.18325	.04759	.16773	1.0973
#1	.51755	.07511	782.15	.30754	.23975	37.672	.40019	.60569
#2	.51539	.07501	781.23	.30733	.23894	37.640	.39916	.60283
#3	.51286	.07408	774.12	.30713	.23963	37.670	.40042	.59312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.506	3.0475	.74513	.20800	.19385	6.695	.81243	9.9256
Stddev	.441	.0237	.00133	.00213	.00187	.035	.00349	.3035
%RSD	.64385	.77776	.17873	1.0235	.96388	.5274	.42902	3.0578
#1	68.866	3.0202	.74667	.20986	.19544	6.726	.80996	10.069
#2	68.638	3.0589	.74439	.20568	.19431	6.704	.81642	10.131
#3	68.014	3.0633	.74434	.20845	.19179	6.657	.81092	9.5771

Sample Name: K2177-01MS Acquired: 4/3/2019 14:18:49 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1960.7
#2	z 1949.2
#3	z 1962.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4066.3	47400.	6250.7	89.718	3854.4
Stddev	9.4	72.	23.2	.840	5.0
%RSD	.23206	.15164	.37134	.93619	.13088

#1	4074.8	47430.	6277.2	90.685	3858.0
#2	4067.9	47452.	6233.9	89.168	3856.6
#3	4056.1	47318.	6241.1	89.301	3848.6

Sample Name: K2177-01MSD Acquired: 4/3/2019 14:23:00 Type: Unk
Method: P4-ICP2(v3017) 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	.84370	1.8796	1.0218	2.1547	.84193	2.0525	.23175	.21867
Stddev	.00864	.0094	.0023	.0053	.00329	.0100	.00085	.00047
%RSD	1.0244	.50187	.22680	.24405	.39077	.48845	.36729	.21307
#1	.85139	1.8887	1.0237	2.1599	.84023	2.0463	.23222	.21916
#2	.84536	1.8802	1.0224	2.1494	.84573	2.0641	.23077	.21823
#3	.83435	1.8698	1.0192	2.1549	.83984	2.0471	.23226	.21863
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20198	50.624	.38981	.21217	.29655	2.9757	.19929	98.616
Stddev	.00030	.087	.00101	.00082	.00053	.0008	.00044	.287
%RSD	.14838	.17258	.25890	.38512	.17721	.02574	.22124	.29089
#1	.20215	50.724	.39093	.21311	.29665	2.9763	.19980	98.834
#2	.20215	50.559	.38953	.21165	.29702	2.9760	.19905	98.291
#3	.20163	50.591	.38898	.21174	.29598	2.9748	.19903	98.722
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49879	.07314	763.41	.29952	.23227	37.469	.39021	.58309
Stddev	.00128	.00049	3.00	.00237	.00051	.210	.00104	.01341
%RSD	.25609	.67632	.39291	.79094	.22049	.55985	.26696	2.2996
#1	.50009	.07296	764.64	.30065	.23268	37.258	.39129	.57638
#2	.49872	.07370	759.99	.29679	.23244	37.470	.39013	.57437
#3	.49754	.07276	765.60	.30111	.23170	37.678	.38921	.59853
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.813	3.0256	.72377	.20212	.18415	6.517	.81192	10.204
Stddev	.133	.0182	.00162	.00223	.00096	.022	.00155	.325
%RSD	.19295	.60181	.22340	1.1032	.51945	.3368	.19093	3.1825
#1	68.866	3.0397	.72563	.20462	.18439	6.542	.81014	9.9494
#2	68.662	3.0320	.72282	.20143	.18310	6.502	.81297	10.093
#3	68.912	3.0051	.72284	.20032	.18497	6.507	.81264	10.570

Sample Name: K2177-01MSD Acquired: 4/3/2019 14:23:00 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1962.9
#2	Z 1950.7
#3	Z 1940.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4053.7	47102.	6208.4	90.811	3846.8
Stddev	9.4	28.	7.2	1.375	9.3
%RSD	.23186	.05902	.11595	1.5143	.24049

#1	4056.5	47071.	6209.8	89.867	3847.5
#2	4043.3	47113.	6200.6	92.389	3837.1
#3	4061.4	47123.	6214.7	90.178	3855.6

Sample Name: K2177-02 Acquired: 4/3/2019 14:27:11 Type: Unk
Method: P4-ICP2(v3017) 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	.00115	.00084	.00155	-.00267	-.00063	-.01681	.01793	-.00062
Stddev	.00203	.00046	.00084	.00136	.00170	.01017	.00045	.00008
%RSD	176.85	54.397	54.226	50.868	271.70	60.467	2.4886	12.213
#1	.00121	.00125	.00238	-.00337	-.00160	-.00571	.01742	-.00054
#2	-.00091	.00092	.00070	-.00354	-.00162	-.01905	.01810	-.00069
#3	.00315	.00035	.00158	-.00111	.00134	-.02567	.01827	-.00063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	33.685	-.00165	.00005	-.00243	.01870	.00380	36.407
Stddev	.00008	.317	.00051	.00020	.00020	.00014	.00003	.486
%RSD	57.557	.94137	30.878	441.29	8.2740	.74307	.89260	1.3350
#1	-.00012	33.909	-.00113	-.00013	-.00230	.01858	.00384	36.069
#2	-.00007	33.322	-.00215	.00027	-.00266	.01885	.00379	36.189
#3	-.00023	33.824	-.00166	.00000	-.00232	.01868	.00377	36.964
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00328	-.00082	283.72	-.00261	.00001	10.119	.00054	.10561
Stddev	.00039	.00027	2.09	.00013	.00005	.130	.00020	.00565
%RSD	11.734	32.507	.73736	4.9223	415.40	1.2815	36.625	5.3466
#1	-.00287	-.00057	285.47	-.00272	.00004	10.006	.00059	.09977
#2	-.00336	-.00080	281.41	-.00264	-.00004	10.091	.00070	.10604
#3	-.00363	-.00110	284.29	-.00247	.00003	10.261	.00032	.11104
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.347	2.2965	-.01335	-.00001	-.00978	.2691	.28935	7.9927
Stddev	.060	.0346	.00071	.00100	.00123	.0011	.00288	.7275
%RSD	.23832	1.5067	5.3538	15572.	12.591	.4228	.99518	9.1024
#1	25.402	2.3320	-.01282	.00018	-.00972	.2684	.29251	7.9659
#2	25.282	2.2629	-.01307	.00088	-.01104	.2686	.28689	8.7333
#3	25.357	2.2946	-.01417	-.00109	-.00858	.2704	.28863	7.2790

Sample Name: K2177-02 Acquired: 4/3/2019 14:27:11 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1823.9
#2	z 1814.5
#3	z 1824.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4210.2	49211.	6437.8	92.888	4165.7
Stddev	4.6	60.	88.5	1.824	4.4
%RSD	.10817	.12166	1.3753	1.9634	.10511

#1	4211.1	49185.	6335.7	92.226	4160.8
#2	4205.3	49169.	6484.2	91.487	4169.1
#3	4214.2	49280.	6493.4	94.950	4167.4

Sample Name: K2177-03 Acquired: 4/3/2019 14:31:44 Type: Unk
Method: P4-ICP2(v3017) 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	.00563	.00087	-.00045	-.00171	-.00199	-.01528	.01717	-.00061
Stddev	.00088	.00010	.00109	.00491	.00110	.01149	.00054	.00005
%RSD	15.662	11.452	244.72	287.12	55.357	75.187	3.1442	7.4313
#1	.00503	.00098	-.00139	-.00568	-.00087	-.00264	.01691	-.00066
#2	.00521	.00087	-.00069	.00378	-.00307	-.02508	.01681	-.00060
#3	.00664	.00078	.00075	-.00323	-.00204	-.01813	.01779	-.00058
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	30.387	-.00123	.00018	-.00225	.02231	.00347	23.049
Stddev	.00005	.154	.00024	.00008	.00024	.00017	.00007	.173
%RSD	74.154	.50720	19.562	44.645	10.496	.75181	2.0111	.75202
#1	-.00008	30.265	-.00120	.00009	-.00207	.02248	.00342	22.868
#2	-.00010	30.335	-.00101	.00025	-.00216	.02215	.00343	23.067
#3	-.00001	30.560	-.00148	.00020	-.00252	.02232	.00355	23.213
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	-.00099	177.70	-.00244	-.00025	6.1478	.00015	.05873
Stddev	.00029	.00025	.29	.00030	.00005	.0552	.00010	.00313
%RSD	10.833	25.588	.16264	12.455	19.811	.89816	68.587	5.3223
#1	-.00300	-.00117	177.38	-.00254	-.00024	6.1049	.00012	.06165
#2	-.00256	-.00112	177.95	-.00269	-.00021	6.1283	.00026	.05544
#3	-.00245	-.00070	177.77	-.00210	-.00031	6.2101	.00006	.05910
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.086	2.3750	-.00902	-.00034	-.01051	.2670	.21904	8.3597
Stddev	.036	.0109	.00060	.00187	.00104	.0008	.00159	.2039
%RSD	.22116	.45816	6.6359	556.52	9.9149	.3034	.72652	2.4389
#1	16.125	2.3876	-.00911	.00175	-.00994	.2662	.22087	8.5881
#2	16.056	2.3686	-.00957	-.00089	-.01171	.2672	.21798	8.1959
#3	16.078	2.3688	-.00838	-.00186	-.00987	.2678	.21828	8.2953

Sample Name: K2177-03 Acquired: 4/3/2019 14:31:44 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1831.5
#2 z 1793.7
#3 z 1796.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4260.7	50027.	6416.5	93.125	4276.7
Stddev	20.1	142.	30.6	1.235	4.7
%RSD	.47156	.28376	.47746	1.3260	.11014

#1	4283.8	49968.	6385.2	94.458	4281.7
#2	4247.6	50189.	6446.4	92.897	4272.4
#3	4250.7	49924.	6418.0	92.020	4276.1

Sample Name: K2177-01A Acquired: 4/3/2019 14:36:08 Type: Unk
Method: P4-ICP2(v3017) 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	.84974	1.8840	1.0246	2.1689	.84524	2.0574	.23330	.21929
Stddev	.00492	.0101	.0025	.0117	.00552	.0140	.00238	.00046
%RSD	.57956	.53523	.24499	.53839	.65301	.67896	1.0218	.21141
#1	.85527	1.8942	1.0257	2.1677	.84465	2.0429	.23162	.21926
#2	.84581	1.8741	1.0217	2.1579	.84003	2.0585	.23224	.21884
#3	.84814	1.8837	1.0263	2.1812	.85103	2.0708	.23603	.21976
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20342	49.874	.39042	.21410	.29908	2.9895	.19805	97.874
Stddev	.00092	.325	.00108	.00129	.00215	.0040	.00150	.827
%RSD	.45389	.65124	.27675	.60376	.71938	.13462	.75970	.84490
#1	.20381	50.244	.38961	.21497	.29957	2.9873	.19848	97.227
#2	.20236	49.744	.39001	.21262	.29673	2.9870	.19638	97.589
#3	.20408	49.634	.39165	.21472	.30095	2.9941	.19930	98.806
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50318	.07353	751.85	.30166	.23419	37.136	.39244	.60406
Stddev	.00359	.00068	3.52	.00203	.00075	.127	.00169	.00841
%RSD	.71359	.92327	.46841	.67163	.32121	.34188	.42950	1.3926
#1	.50416	.07336	752.98	.30019	.23476	37.053	.39305	.59440
#2	.49920	.07296	747.91	.30081	.23334	37.073	.39053	.60796
#3	.50617	.07428	754.67	.30397	.23448	37.282	.39374	.60981
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.324	2.9847	.72825	.20213	.18570	6.553	.80280	10.738
Stddev	.090	.0405	.00517	.00339	.00054	.021	.00504	.313
%RSD	.13210	1.3580	.71050	1.6748	.29310	.3207	.62803	2.9158
#1	68.408	3.0220	.72996	.20540	.18597	6.566	.80856	10.377
#2	68.336	2.9905	.72244	.19864	.18507	6.529	.80063	10.894
#3	68.229	2.9416	.73236	.20236	.18606	6.564	.79920	10.942

Sample Name: K2177-01A Acquired: 4/3/2019 14:36:08 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1963.9
#2	Z 1964.0
#3	Z 1934.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4078.3	47864.	6319.9	90.358	3867.7
Stddev	.5	215.	44.4	1.250	1.1
%RSD	.01199	.44899	.70318	1.3829	.02748

#1	4078.9	47883.	6270.6	91.300	3866.8
#2	4078.2	48068.	6332.4	90.834	3867.4
#3	4077.9	47640.	6356.8	88.940	3868.9

Sample Name: CCV03 Acquired: 4/3/2019 14:40:20 Type: Unk
Method: P4-ICP2(v3017) 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	5.2778	5.1543	5.2806	5.3089	5.3380	10.277	10.385	.26214
Stddev	.0053	.0197	.0072	.0047	.0029	.038	.055	.00045
%RSD	.09969	.38262	.13549	.08838	.05331	.36719	.52684	.16981
#1	5.2824	5.1765	5.2886	5.3037	5.3408	10.311	10.439	.26163
#2	5.2721	5.1476	5.2784	5.3103	5.3351	10.236	10.329	.26229
#3	5.2789	5.1388	5.2748	5.3127	5.3381	10.283	10.387	.26248
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5612	25.213	.99145	2.6503	1.2823	4.9915	2.4672	25.573
Stddev	.0051	.036	.00305	.0047	.0003	.0125	.0033	.048
%RSD	.19993	.14408	.30733	.17818	.02509	.25097	.13327	.18870
#1	2.5658	25.232	.98814	2.6555	1.2823	4.9876	2.4645	25.628
#2	2.5621	25.235	.99206	2.6463	1.2826	4.9813	2.4663	25.554
#3	2.5557	25.171	.99414	2.6491	1.2819	5.0055	2.4709	25.537
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5317	1.2708	23.229	2.4787	2.6877	23.395	5.0519	4.9599
Stddev	.0036	.0022	.367	.0022	.0048	.241	.0052	.0241
%RSD	.14319	.17576	1.5782	.09061	.17781	1.0298	.10250	.48666
#1	2.5339	1.2694	22.988	2.4806	2.6924	23.435	5.0489	4.9679
#2	2.5336	1.2697	23.048	2.4762	2.6879	23.137	5.0579	4.9328
#3	2.5275	1.2734	23.651	2.4793	2.6828	23.614	5.0490	4.9790
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1851	4.9789	5.3161	5.2237	4.7541	5.228	5.1625	F 8.7914
Stddev	.0207	.0211	.0066	.0039	.0361	.021	.0293	.1873
%RSD	.39891	.42432	.12337	.07362	.75881	.4010	.56671	2.1306
#1	5.2089	4.9554	5.3236	5.2282	4.7344	5.243	5.1498	8.9097
#2	5.1749	4.9851	5.3131	5.2216	4.7322	5.236	5.1418	8.5754
#3	5.1714	4.9963	5.3115	5.2214	4.7958	5.204	5.1960	8.8890

Sample Name: CCV03 Acquired: 4/3/2019 14:40:20 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1814.0
#2	z 1805.8
#3	z 1838.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4253.9	50022.	6420.8	89.837	4168.5
Stddev	7.5	237.	30.2	2.721	13.1
%RSD	.17569	.47373	.47072	3.0290	.31336

#1	4246.7	49931.	6440.8	92.948	4154.6
#2	4253.4	50291.	6435.6	88.666	4170.3
#3	4261.6	49844.	6386.1	87.898	4180.5

Sample Name: CCB03 Acquired: 4/3/2019 14:44:27 Type: Unk
Method: P4-ICP2(v3017) 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	.00306	.00056	-.00076	.00098	.00285	-.01697	.00103	-.00070
Stddev	.00160	.00047	.00032	.00084	.00167	.00397	.00033	.00004
%RSD	52.305	83.197	42.469	85.907	58.399	23.393	31.845	5.1377
#1	.00274	.00017	-.00043	.00185	.00390	-.01339	.00141	-.00072
#2	.00479	.00044	-.00107	.00018	.00093	-.02124	.00085	-.00066
#3	.00164	.00108	-.00079	.00090	.00373	-.01629	.00083	-.00071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01267	-.00112	.00017	-.00176	-.00364	-.00042	-.01000
Stddev	.00012	.01124	.00024	.00025	.00003	.00048	.00004	.08587
%RSD	96.633	88.681	21.078	145.53	1.5984	13.231	10.132	858.97
#1	.00001	.02285	-.00091	-.00011	-.00175	-.00341	-.00046	-.02171
#2	-.00020	.01456	-.00138	.00033	-.00174	-.00332	-.00043	-.08941
#3	-.00017	.00061	-.00107	.00029	-.00180	-.00420	-.00038	.08113
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00194	-.00051	.37213	-.00290	-.00107	.09264	.00011	-.00378
Stddev	.00039	.00054	.00894	.00029	.00016	.05071	.00011	.01035
%RSD	20.290	105.58	2.4026	9.9929	14.940	54.742	99.637	273.95
#1	-.00148	-.00109	.38149	-.00323	-.00089	.03586	.00009	.00808
#2	-.00214	-.00003	.37122	-.00270	-.00112	.13345	.00022	-.01098
#3	-.00218	-.00041	.36367	-.00278	-.00119	.10861	.00001	-.00843
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01357	-.00235	.00151	.00226	.00148	F .2448	-.00228	F 6.4519
Stddev	.00460	.00344	.00105	.00157	.00147	.0017	.00005	.9113
%RSD	33.902	146.12	69.275	69.489	99.390	.7032	2.2209	14.125
#1	.01770	.00112	.00271	.00220	.00005	.2458	-.00227	7.4499
#2	.00861	-.00242	.00102	.00072	.00298	.2457	-.00233	5.6640
#3	.01439	-.00575	.00080	.00387	.00140	.2428	-.00223	6.2418

Sample Name: CCB03 Acquired: 4/3/2019 14:44:27 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1638.5
#2	z 1646.4
#3	z 1626.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4429.0	51198.	6315.6	91.519	4656.2
Stddev	3.5	746.	3.6	.693	9.7
%RSD	.07846	1.4577	.05771	.75759	.20852

#1	4425.0	50351.	6318.2	90.975	4646.1
#2	4431.2	51758.	6311.4	91.283	4656.8
#3	4430.8	51484.	6317.2	92.300	4665.5

Sample Name: K2177-04 Acquired: 4/3/2019 14:48:55 Type: Unk
Method: P4-ICP2(v3017) 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	.00431	.00044	.00251	-.00025	-.00234	-.03823	.02305	-.00060
Stddev	.00178	.00090	.00072	.00136	.00130	.01086	.00027	.00009
%RSD	41.358	203.15	28.746	534.15	55.239	28.406	1.1769	14.444
#1	.00624	-.00043	.00318	.00089	-.00383	-.02606	.02334	-.00051
#2	.00274	.00137	.00261	.00011	-.00143	-.04168	.02281	-.00062
#3	.00395	.00039	.00175	-.00175	-.00178	-.04694	.02298	-.00068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	52.374	-.00194	.00000	-.00176	.00893	.00562	106.68
Stddev	.00005	.358	.00026	.00015	.00030	.00064	.00013	1.09
%RSD	28.832	.68326	13.506	6526.0	17.277	7.1452	2.3584	1.0237
#1	-.00013	52.729	-.00210	.00016	-.00148	.00820	.00560	105.52
#2	-.00020	52.014	-.00164	-.00013	-.00171	.00921	.00550	107.68
#3	-.00024	52.379	-.00209	-.00003	-.00209	.00939	.00576	106.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00534	-.00073	839.90	-.00202	.00028	30.226	.00068	.33596
Stddev	.00045	.00037	2.35	.00018	.00005	.074	.00008	.00487
%RSD	8.4487	50.421	.28002	8.6913	17.684	.24431	11.456	1.4481
#1	-.00572	-.00113	839.14	-.00221	.00023	30.143	.00072	.33820
#2	-.00484	-.00065	842.54	-.00186	.00033	30.285	.00073	.33931
#3	-.00545	-.00041	838.02	-.00199	.00029	30.250	.00059	.33038
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.526	2.2109	-.03120	.00047	.00201	.2775	.65908	10.915
Stddev	.061	.0325	.00052	.00162	.00055	.0019	.00445	.486
%RSD	.08038	1.4682	1.6569	347.91	27.353	.6958	.67545	4.4563
#1	75.582	2.2318	-.03144	.00167	.00234	.2787	.66328	10.996
#2	75.462	2.1735	-.03156	.00109	.00137	.2785	.65442	11.357
#3	75.535	2.2274	-.03061	-.00137	.00231	.2753	.65953	10.394

Sample Name: K2177-04 Acquired: 4/3/2019 14:48:55 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1913.1
#2	z 1915.6
#3	z 1934.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3974.9	46229.	6176.2	87.631	3786.7
Stddev	10.7	95.	63.6	1.678	6.1
%RSD	.26886	.20535	1.0305	1.9151	.16198

#1	3987.3	46334.	6109.6	86.006	3788.8
#2	3968.5	46203.	6236.4	89.358	3791.5
#3	3969.1	46149.	6182.8	87.530	3779.8

Sample Name: K2177-05 Acquired: 4/3/2019 14:53:29 Type: Unk
Method: P4-ICP2(v3017) 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	.00312	.00099	-.00063	-.00005	-.00169	-.01108	.01631	-.00062
Stddev	.00101	.00094	.00065	.00206	.00086	.00744	.00036	.00002
%RSD	32.473	94.783	103.89	4367.4	50.843	67.171	2.1777	3.4288
#1	.00199	.00032	-.00072	-.00066	-.00217	-.00442	.01666	-.00062
#2	.00339	.00206	-.00124	-.00173	-.00220	-.01912	.01595	-.00064
#3	.00396	.00058	.00006	.00225	-.00070	-.00972	.01630	-.00059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	28.137	-.00109	.00028	-.00253	.02362	.00466	15.558
Stddev	.00004	.048	.00031	.00018	.00018	.00061	.00005	.138
%RSD	27.859	.16900	28.806	62.007	7.1638	2.5965	1.0455	.88631
#1	-.00016	28.139	-.00075	.00020	-.00274	.02433	.00471	15.513
#2	-.00011	28.184	-.00116	.00016	-.00244	.02325	.00461	15.713
#3	-.00020	28.089	-.00136	.00048	-.00242	.02328	.00465	15.449
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.00042	115.78	-.00227	.00328	4.0748	.00017	.03881
Stddev	.00053	.00027	.62	.00017	.00014	.0299	.00015	.00411
%RSD	21.233	64.142	.53369	7.5859	4.3527	.73393	87.230	10.596
#1	-.00310	-.00042	115.52	-.00217	.00344	4.0823	-.00000	.03434
#2	-.00216	-.00015	116.49	-.00217	.00316	4.0418	.00026	.03965
#3	-.00220	-.00069	115.34	-.00247	.00324	4.1002	.00025	.04243
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.870	2.3191	-.00753	.00016	-.01226	.2649	.17597	7.6650
Stddev	.062	.0124	.00123	.00095	.00215	.0010	.00045	.1151
%RSD	.56621	.53393	16.334	606.81	17.551	.3817	.25485	1.5021
#1	10.813	2.3295	-.00694	.00091	-.01331	.2647	.17615	7.5513
#2	10.861	2.3054	-.00894	.00047	-.01368	.2639	.17546	7.7815
#3	10.935	2.3223	-.00671	-.00091	-.00978	.2659	.17630	7.6623

Sample Name: K2177-05 Acquired: 4/3/2019 14:53:29 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1819.6
#2	z 1816.9
#3	z 1796.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4425.9	50634.	6446.5	92.942	4470.2
Stddev	50.5	212.	12.2	2.328	45.6
%RSD	1.1413	.41851	.18914	2.5052	1.0207

#1	4480.9	50801.	6455.3	90.265	4519.0
#2	4415.4	50396.	6451.7	94.064	4463.0
#3	4381.5	50706.	6432.6	94.497	4428.5

Sample Name: K2177-06 Acquired: 4/3/2019 14:57:55 Type: Unk
Method: P4-ICP2(v3017) 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	.00456	.00100	-.00013	-.00175	-.00174	-.01065	.01660	-.00065
Stddev	.00103	.00090	.00025	.00077	.00158	.01341	.00054	.00004
%RSD	22.674	89.920	186.70	43.883	90.783	126.01	3.2264	6.7824

#1	.00352	.00047	-.00041	-.00263	-.00030	-.01242	.01599	-.00067
#2	.00457	.00204	.00005	-.00118	-.00149	-.02309	.01684	-.00069
#3	.00559	.00049	-.00004	-.00145	-.00343	.00357	.01698	-.00060

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	26.101	-.00099	.00007	-.00227	.02822	.00325	8.5803
Stddev	.00001	.053	.00020	.00012	.00028	.00059	.00003	.0601
%RSD	11.234	.20430	20.157	168.83	12.521	2.0913	1.0483	.70057

#1	-.00013	26.146	-.00083	.00013	-.00226	.02758	.00322	8.5147
#2	-.00011	26.115	-.00094	-.00007	-.00256	.02874	.00328	8.5934
#3	-.00014	26.042	-.00122	.00015	-.00199	.02833	.00324	8.6327

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	-.00057	57.168	-.00282	.00081	2.0348	.00013	.00681
Stddev	.00016	.00006	.183	.00052	.00018	.0323	.00006	.00913
%RSD	7.1464	9.8142	.31967	18.615	22.605	1.5886	42.551	134.07

#1	-.00230	-.00059	57.346	-.00339	.00088	2.0493	.00011	.00900
#2	-.00238	-.00062	57.177	-.00235	.00095	2.0574	.00009	-.00322
#3	-.00207	-.00051	56.981	-.00272	.00060	1.9978	.00020	.01463

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0312	2.4004	-.00646	.00063	-.01279	.2663	.13864	6.4028
Stddev	.0226	.0053	.00031	.00029	.00176	.0017	.00022	.2268
%RSD	.37426	.21867	4.7352	46.380	13.762	.6343	.15721	3.5427

#1	6.0065	2.4047	-.00667	.00074	-.01128	.2647	.13889	6.5858
#2	6.0366	2.3946	-.00659	.00086	-.01237	.2681	.13852	6.4736
#3	6.0507	2.4021	-.00611	.00030	-.01473	.2660	.13851	6.1490

Sample Name: K2177-06 Acquired: 4/3/2019 14:57:55 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 1801.3
 #2 z 1780.9
 #3 z 1805.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4384.8	51259.	6507.9	93.789	4524.0
Stddev	5.0	155.	28.9	.587	5.3
%RSD	.11371	.30309	.44418	.62631	.11737

#1	4389.6	51093.	6488.4	93.148	4529.6
#2	4385.2	51281.	6494.1	93.917	4523.5
#3	4379.6	51402.	6541.1	94.302	4519.0

Sample Name: K2187-04 Acquired: 4/3/2019 15:02:20 Type: Unk
Method: P4-ICP2(v3017) 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	.00478	.00098	-.00053	.00170	.00026	-.01146	.11938	-.00063
Stddev	.00192	.00109	.00096	.00270	.00179	.00158	.00065	.00006
%RSD	40.179	111.55	182.62	158.57	679.21	13.743	.54591	8.9114
#1	.00317	.00173	-.00003	.00334	-.00170	-.01327	.12010	-.00060
#2	.00426	-.00027	-.00164	.00317	.00071	-.01074	.11884	-.00059
#3	.00690	.00148	.00009	-.00141	.00178	-.01038	.11920	-.00069
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	35.630	.00395	.00140	.00369	.20402	.04814	21.548
Stddev	.00004	.150	.00046	.00020	.00025	.00115	.00048	.052
%RSD	51.083	.42031	11.722	14.264	6.8973	.56283	1.0072	.24195
#1	.00005	35.459	.00445	.00160	.00340	.20529	.04855	21.517
#2	.00014	35.691	.00384	.00141	.00380	.20305	.04825	21.608
#3	.00008	35.739	.00354	.00120	.00388	.20372	.04760	21.519
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00396	-.00085	37.023	.02703	.04580	4.7458	.00357	.10336
Stddev	.00018	.00040	.261	.00005	.00003	.0558	.00006	.01146
%RSD	4.6202	46.852	.70503	.17924	.06285	1.1756	1.8198	11.091
#1	.00403	-.00083	37.314	.02707	.04583	4.8026	.00355	.09483
#2	.00409	-.00046	36.946	.02698	.04580	4.6911	.00351	.11639
#3	.00375	-.00126	36.809	.02704	.04578	4.7436	.00364	.09885
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9794	F 12.372	-.00553	.00020	-.00110	.3597	.23754	7.2972
Stddev	.0245	.010	.00052	.00065	.00163	.0010	.00121	.3964
%RSD	.41045	.07866	9.3488	318.93	147.34	.2791	.51077	5.4322
#1	5.9535	12.363	-.00494	.00088	.00050	.3590	.23874	7.1591
#2	5.9825	12.382	-.00576	-.00041	-.00106	.3593	.23758	6.9883
#3	6.0023	12.370	-.00590	.00014	-.00275	.3609	.23631	7.7442

Sample Name: K2187-04 Acquired: 4/3/2019 15:02:20 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1784.9
#2	z 1781.7
#3	z 1769.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4322.4	50990.	6570.3	94.069	4430.2
Stddev	1.3	303.	16.7	1.469	6.4
%RSD	.03101	.59419	.25343	1.5610	.14437

#1	4322.2	50666.	6561.2	95.191	4437.5
#2	4323.9	51038.	6560.2	94.609	4428.0
#3	4321.2	51266.	6589.5	92.407	4425.3

Sample Name: K2187-05 Acquired: 4/3/2019 15:06:41 Type: Unk
Method: P4-ICP2(v3017) 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	.03896	.00057	-.00025	-.00275	-.00070	-.01274	.11125	-.00064
Stddev	.00159	.00043	.00057	.00068	.00180	.00704	.00052	.00003
%RSD	4.0927	74.399	223.53	24.770	258.64	55.227	.47143	4.4454

#1	.03877	.00033	-.00077	-.00352	.00097	-.01064	.11170	-.00061
#2	.03747	.00106	.00035	-.00223	-.00046	-.02059	.11138	-.00065
#3	.04064	.00032	-.00034	-.00251	-.00261	-.00700	.11067	-.00066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	59.002	-.00002	.00125	.01182	.09672	.29318	25.586
Stddev	.00003	.296	.00022	.00004	.00021	.00035	.00094	.062
%RSD	20.614	.50217	1084.8	2.9699	1.7878	.35928	.32018	.24139

#1	-.00010	59.089	-.00013	.00126	.01198	.09712	.29209	25.656
#2	-.00014	58.673	-.00016	.00121	.01189	.09652	.29372	25.561
#3	-.00015	59.246	.00023	.00127	.01158	.09652	.29372	25.540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.00063	25.703	-.00271	.04866	5.4736	.00891	.21896
Stddev	.00024	.00016	.077	.00033	.00010	.0504	.00011	.00118
%RSD	10.711	24.738	.29766	12.142	.20881	.92152	1.1912	.54087

#1	.00249	-.00077	25.784	-.00305	.04868	5.5307	.00879	.21760
#2	.00206	-.00067	25.632	-.00267	.04875	5.4550	.00894	.21950
#3	.00210	-.00046	25.694	-.00239	.04855	5.4351	.00900	.21977

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8995	8.6770	-.00647	-.00244	-.00410	.4297	.24978	6.8370
Stddev	.0152	.0281	.00019	.00019	.00098	.0009	.00093	.0807
%RSD	.22078	.32403	2.8674	7.8122	23.944	.2157	.37282	1.1806

#1	6.8859	8.6578	-.00630	-.00258	-.00325	.4287	.24965	6.7699
#2	6.8967	8.6640	-.00643	-.00253	-.00518	.4305	.24893	6.8144
#3	6.9159	8.7093	-.00667	-.00223	-.00388	.4299	.25077	6.9266

Sample Name: K2187-05 Acquired: 4/3/2019 15:06:41 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 1832.4
 #2 z 1831.8
 #3 z 1822.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4324.0	51356.	6620.2	95.096	4413.3
Stddev	6.9	30.	21.9	1.660	6.1
%RSD	.15975	.05834	.33020	1.7460	.13750

#1	4316.0	51384.	6627.3	96.978	4410.2
#2	4328.4	51360.	6637.6	94.473	4409.4
#3	4327.5	51324.	6595.6	93.837	4420.3

Sample Name: K2187-06 Acquired: 4/3/2019 15:11:04 Type: Unk
Method: P4-ICP2(v3017) 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	.01205	.00062	-.00023	-.00005	.00126	-.01523	.08305	-.00062
Stddev	.00213	.00118	.00010	.00637	.00076	.01268	.00021	.00004
%RSD	17.650	189.90	43.187	11879.	60.374	83.289	.25074	6.1613

#1	.01304	.00133	-.00016	.00585	.00209	-.02371	.08327	-.00060
#2	.00960	.00127	-.00018	-.00681	.00111	-.00065	.08305	-.00059
#3	.01349	-.00074	-.00035	.00080	.00059	-.02133	.08285	-.00066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	51.990	-.00022	.00106	.00714	.11365	.03101	24.050
Stddev	.00005	.062	.00009	.00016	.00041	.00035	.00033	.083
%RSD	61.966	.11997	42.761	14.649	5.6760	.30683	1.0481	.34661

#1	-.00009	51.947	-.00030	.00104	.00728	.11392	.03096	23.985
#2	-.00013	52.061	-.00012	.00123	.00746	.11378	.03136	24.144
#3	-.00003	51.961	-.00023	.00092	.00669	.11326	.03072	24.020

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00078	15.199	-.00159	.03523	3.0765	.00441	.08046
Stddev	.00041	.00031	.081	.00017	.00006	.0060	.00028	.00769
%RSD	43.794	39.807	.53469	10.691	.15727	.19526	6.3007	9.5603

#1	.00101	-.00071	15.136	-.00143	.03521	3.0699	.00423	.07254
#2	.00049	-.00051	15.291	-.00177	.03520	3.0815	.00428	.08790
#3	.00129	-.00111	15.170	-.00156	.03530	3.0783	.00473	.08095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7783	8.7132	-.00677	.00033	-.00512	.2912	.19586	6.6434
Stddev	.0199	.0144	.00052	.00074	.00072	.0013	.00014	.2735
%RSD	.29338	.16576	7.6844	228.66	14.102	.4299	.07144	4.1170

#1	6.7686	8.6993	-.00722	-.00051	-.00447	.2910	.19575	6.7559
#2	6.7651	8.7124	-.00688	.00056	-.00589	.2900	.19602	6.3316
#3	6.8011	8.7281	-.00620	.00092	-.00500	.2925	.19581	6.8427

Sample Name: K2187-06 Acquired: 4/3/2019 15:11:04 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1819.5
#2	z 1823.9
#3	z 1795.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4364.8	51570.	6634.3	91.945	4466.4
Stddev	1.9	216.	20.0	1.060	4.6
%RSD	.04313	.41976	.30191	1.1523	.10267

#1	4366.2	51577.	6625.0	93.163	4471.7
#2	4362.7	51350.	6620.6	91.234	4463.6
#3	4365.5	51783.	6657.3	91.439	4463.9

Sample Name: PB118572BL Acquired: 4/3/2019 15:15:27 Type: Unk
Method: P4-ICP2(v3017) 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	.00195	-.00080	-.00074	-.00069	.00326	-.01161	.00124	-.00071
Stddev	.00102	.00026	.00043	.00151	.00055	.00470	.00056	.00005
%RSD	52.354	32.107	57.862	219.00	16.790	40.504	44.654	6.6087

#1	.00298	-.00052	-.00055	-.00199	.00304	-.01689	.00066	-.00072
#2	.00094	-.00103	-.00122	-.00103	.00285	-.01009	.00177	-.00076
#3	.00193	-.00084	-.00043	.00096	.00388	-.00786	.00130	-.00066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00058	-.00110	.00021	-.00196	-.00385	-.00053	.00710
Stddev	.00005	.00111	.00022	.00007	.00014	.00041	.00005	.05223
%RSD	36.119	190.96	20.420	33.395	7.1841	10.746	9.6017	735.40

#1	-.00010	-.00187	-.00128	.00023	-.00211	-.00409	-.00059	-.02804
#2	-.00021	.00005	-.00117	.00027	-.00192	-.00408	-.00050	.06712
#3	-.00015	.00007	-.00085	.00013	-.00184	-.00337	-.00051	-.01777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.00066	.18186	-.00317	-.00132	.08252	-.00019	-.00457
Stddev	.00036	.00050	.00331	.00006	.00008	.00492	.00019	.01540
%RSD	20.295	75.439	1.8211	1.8733	5.8110	5.9578	99.266	337.21

#1	-.00150	-.00123	.18228	-.00310	-.00135	.07847	-.00040	.00841
#2	-.00165	-.00049	.18494	-.00318	-.00138	.08111	-.00002	-.02158
#3	-.00218	-.00027	.17836	-.00322	-.00124	.08799	-.00016	-.00052

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01772	-.00068	-.00227	.00115	-.00158	.2442	-.00228	7.1451
Stddev	.00419	.00099	.00066	.00119	.00097	.0012	.00002	.1677
%RSD	23.648	145.14	28.925	103.89	61.027	.4861	.95725	2.3466

#1	.02255	-.00082	-.00152	.00008	-.00270	.2430	-.00226	6.9743
#2	.01551	.00037	-.00252	.00093	-.00106	.2453	-.00229	7.3094
#3	.01509	-.00160	-.00276	.00243	-.00100	.2443	-.00231	7.1515

Sample Name: PB118572BL Acquired: 4/3/2019 15:15:27 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1625.0
#2	Z 1623.4
#3	Z 1620.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4417.4	51290.	6394.4	93.283	4636.7
Stddev	10.6	48.	45.0	.693	9.1
%RSD	.23931	.09409	.70394	.74292	.19555

#1	4405.8	51303.	6370.5	93.033	4627.4
#2	4419.7	51236.	6366.3	92.750	4637.3
#3	4426.6	51330.	6446.3	94.067	4645.5

Sample Name: PB118572BS Acquired: 4/3/2019 15:19:54 Type: Unk
Method: P4-ICP2(v3017) 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	.72832	1.8266	.93929	1.8456	.81876	1.8621	.19683	.18598
Stddev	.00422	.0105	.00444	.0204	.00303	.0310	.00252	.00082
%RSD	.57877	.57470	.47321	1.1049	.37068	1.6667	1.2808	.43878
#1	.73260	1.8357	.94442	1.8691	.82099	1.8448	.19523	.18536
#2	.72417	1.8290	.93658	1.8335	.81999	1.8436	.19551	.18568
#3	.72820	1.8151	.93687	1.8341	.81530	1.8980	.19973	.18691
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17933	.96157	.38069	.19597	.29520	2.8713	.18973	1.9201
Stddev	.00090	.00604	.00201	.00123	.00157	.0079	.00028	.0347
%RSD	.50377	.62798	.52912	.62903	.53038	.27664	.14899	1.8057
#1	.18037	.95833	.37837	.19739	.29696	2.8703	.18942	1.9395
#2	.17896	.95785	.38187	.19535	.29395	2.8639	.18981	1.8800
#3	.17868	.96854	.38184	.19518	.29468	2.8797	.18996	1.9406
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46440	.06584	2.9971	.28263	.18666	8.7893	.40916	.26092
Stddev	.00197	.00014	.0525	.00172	.00080	.1122	.00144	.01683
%RSD	.42416	.21359	1.7526	.60840	.42650	1.2761	.35230	6.4492
#1	.46649	.06581	2.9657	.28068	.18748	8.7038	.41063	.28027
#2	.46413	.06571	2.9679	.28395	.18663	8.7479	.40911	.25278
#3	.46258	.06599	3.0578	.28324	.18588	8.9163	.40775	.24971
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.86695	.70778	.21082	.17319	4.998	.18905	6.9548
Stddev	.00277	.01168	.00453	.00300	.00154	.029	.00053	.2417
%RSD	183.15	1.3470	.63989	1.4238	.89192	.5692	.27941	3.4759
#1	.00028	.87022	.71293	.21369	.17141	5.024	.18913	6.9404
#2	-.00470	.87664	.70598	.20770	.17406	5.002	.18953	6.7206
#3	-.00012	.85398	.70442	.21108	.17410	4.968	.18848	7.2035

Sample Name: PB118572BS Acquired: 4/3/2019 15:19:54 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 1651.8
 #2 z 1659.5
 #3 z 1680.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.7	51892.	6518.9	94.100	4608.2
Stddev	9.6	301.	46.4	.994	16.8
%RSD	.21747	.58055	.71229	1.0565	.36406

#1	4406.9	52035.	6492.7	93.633	4592.1
#2	4417.1	52095.	6491.5	93.425	4606.8
#3	4426.1	51546.	6572.5	95.242	4625.6

Sample Name: K2224-01 Acquired: 4/3/2019 15:35:21 Type: Unk
Method: P4-ICP2(v3017) 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	.00388	.00124	.00160	-.00016	-.00139	-.03890	.00991	-.00064
Stddev	.00306	.00024	.00047	.00311	.00123	.00570	.00051	.00004
%RSD	78.867	19.176	29.014	1927.1	88.860	14.646	5.1333	5.6283
#1	.00109	.00140	.00152	.00030	-.00020	-.04343	.00934	-.00066
#2	.00715	.00137	.00210	.00269	-.00266	-.04076	.01031	-.00066
#3	.00340	.00097	.00118	-.00347	-.00130	-.03251	.01008	-.00059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	37.604	-.00204	.00027	-.00152	-.00340	.00371	98.761
Stddev	.00004	.165	.00022	.00014	.00051	.00052	.00009	.941
%RSD	18.150	.43829	10.822	50.986	33.180	15.387	2.3591	.95265
#1	-.00017	37.620	-.00229	.00042	-.00206	-.00335	.00381	97.803
#2	-.00022	37.761	-.00197	.00018	-.00105	-.00394	.00365	99.684
#3	-.00024	37.432	-.00187	.00020	-.00147	-.00290	.00367	98.797
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00484	-.00065	576.96	-.00233	.00005	27.809	.00078	.30286
Stddev	.00029	.00037	17.53	.00047	.00004	.107	.00007	.01161
%RSD	6.0223	57.136	3.0380	19.938	88.471	.38409	9.3541	3.8334
#1	-.00489	-.00040	584.34	-.00279	.00000	27.931	.00086	.31056
#2	-.00511	-.00108	589.58	-.00186	.00005	27.769	.00072	.30852
#3	-.00453	-.00048	556.94	-.00234	.00008	27.729	.00076	.28951
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.040	.84957	-.02792	-.00007	.01355	.2582	.57204	11.794
Stddev	.360	.01094	.00061	.00184	.00165	.0019	.00204	.161
%RSD	.52167	1.2872	2.1804	2492.6	12.208	.7298	.35643	1.3674
#1	68.973	.86145	-.02851	-.00190	.01175	.2603	.57434	11.615
#2	68.719	.83992	-.02730	.00179	.01500	.2576	.57046	11.839
#3	69.430	.84734	-.02796	-.00011	.01389	.2566	.57131	11.928

Sample Name: K2224-01 Acquired: 4/3/2019 15:35:21 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1862.0
#2	z 1846.8
#3	z 1852.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.5	45528.	6148.3	89.351	3757.7
Stddev	8.2	141.	33.8	1.361	13.9
%RSD	.20731	.30937	.54938	1.5228	.37119

#1	3929.4	45519.	6109.3	90.922	3744.9
#2	3934.8	45392.	6167.4	88.586	3772.5
#3	3945.4	45673.	6168.2	88.545	3755.7

Sample Name: K2224-01DUP Acquired: 4/3/2019 15:39:53 Type: Unk
Method: P4-ICP2(v3017) 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	.00493	.00016	.00131	-.00050	-.00113	-.03563	.01129	-.00061
Stddev	.00101	.00071	.00013	.00145	.00131	.00362	.00053	.00003
%RSD	20.461	432.13	10.188	287.16	115.33	10.169	4.7050	4.4184
#1	.00552	.00094	.00128	.00095	-.00005	-.03216	.01076	-.00062
#2	.00551	-.00046	.00119	-.00194	-.00076	-.03939	.01182	-.00057
#3	.00377	.00001	.00145	-.00052	-.00259	-.03534	.01128	-.00062
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	37.611	-.00187	.00011	-.00199	-.00440	.00371	98.966
Stddev	.00001	.138	.00041	.00024	.00015	.00054	.00003	.217
%RSD	6.5020	.36643	21.962	225.27	7.7207	12.308	.75108	.21921
#1	-.00020	37.624	-.00198	.00003	-.00216	-.00378	.00368	98.718
#2	-.00019	37.467	-.00222	.00037	-.00195	-.00479	.00370	99.061
#3	-.00021	37.742	-.00142	-.00008	-.00186	-.00462	.00374	99.120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00508	-.00096	655.04	-.00267	.00003	27.823	.00052	.30484
Stddev	.00028	.00026	2.50	.00043	.00003	.100	.00018	.00606
%RSD	5.5446	27.503	.38106	16.116	126.37	.35865	34.085	1.9866
#1	-.00489	-.00125	655.62	-.00231	-.00001	27.928	.00035	.30904
#2	-.00540	-.00088	652.31	-.00315	.00003	27.811	.00071	.29790
#3	-.00495	-.00075	657.20	-.00256	.00006	27.729	.00052	.30758
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.471	.84433	-.02713	.00030	.01174	.2581	.57071	11.841
Stddev	.123	.00668	.00014	.00146	.00090	.0010	.00254	.113
%RSD	.17666	.79162	.50421	489.49	7.6283	.4000	.44436	.95272
#1	69.336	.84351	-.02715	.00189	.01080	.2592	.57362	11.939
#2	69.576	.83810	-.02698	-.00003	.01184	.2573	.56892	11.866
#3	69.500	.85139	-.02725	-.00097	.01258	.2577	.56961	11.718

Sample Name: K2224-01DUP Acquired: 4/3/2019 15:39:53 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1838.0
#2 z 1855.6
#3 z 1853.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3953.3	45672.	6178.2	89.394	3762.3
Stddev	5.6	129.	40.3	1.226	10.6
%RSD	.14181	.28209	.65302	1.3715	.28249

#1	3948.7	45535.	6136.2	89.221	3753.7
#2	3959.6	45689.	6216.7	90.698	3774.2
#3	3951.8	45791.	6181.5	88.264	3759.0

Sample Name: CCV04 Acquired: 4/3/2019 15:44:25 Type: Unk
Method: P4-ICP2(v3017) 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	5.3471	5.1709	5.3771	5.3802	5.4198	10.417	10.464	.26702
Stddev	.0064	.0261	.0050	.0058	.0062	.081	.071	.00065
%RSD	.12021	.50550	.09308	.10733	.11521	.78011	.68111	.24375
#1	5.3413	5.1412	5.3725	5.3832	5.4249	10.325	10.455	.26630
#2	5.3540	5.1812	5.3824	5.3735	5.4218	10.449	10.397	.26721
#3	5.3459	5.1904	5.3764	5.3839	5.4129	10.478	10.539	.26756
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5987	25.361	.99921	2.7066	1.2984	5.0414	2.4853	26.062
Stddev	.0071	.095	.00139	.0031	.0030	.0008	.0073	.348
%RSD	.27216	.37263	.13886	.11424	.22902	.01590	.29318	1.3350
#1	2.5938	25.327	.99895	2.7055	1.2959	5.0407	2.4833	25.693
#2	2.6068	25.468	.99797	2.7101	1.3017	5.0423	2.4791	26.383
#3	2.5955	25.289	1.0007	2.7042	1.2975	5.0411	2.4933	26.111
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5731	1.2865	23.917	2.4904	2.7408	23.430	5.0836	4.9766
Stddev	.0055	.0022	.486	.0046	.0052	.264	.0025	.0406
%RSD	.21293	.17054	2.0323	.18494	.18832	1.1285	.05003	.81501
#1	2.5707	1.2842	23.418	2.4866	2.7369	23.178	5.0815	4.9310
#2	2.5793	1.2867	23.943	2.4955	2.7467	23.408	5.0864	4.9898
#3	2.5692	1.2886	24.389	2.4892	2.7389	23.705	5.0828	5.0089
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1693	5.0124	5.3968	5.2939	4.8072	5.263	5.2293	F 9.6137
Stddev	.0162	.0204	.0099	.0029	.0282	.026	.0217	.2619
%RSD	.31320	.40660	.18304	.05571	.58662	.4931	.41518	2.7245
#1	5.1548	5.0324	5.3887	5.2952	4.8183	5.234	5.2298	9.5278
#2	5.1662	4.9916	5.4078	5.2961	4.7751	5.284	5.2074	9.9078
#3	5.1868	5.0133	5.3940	5.2906	4.8282	5.272	5.2508	9.4055

Sample Name: CCV04 Acquired: 4/3/2019 15:44:25 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1823.7
#2	z 1826.8
#3	z 1839.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4228.8	49673.	6380.6	88.813	4136.2
Stddev	14.8	71.	40.1	1.124	10.9
%RSD	.35009	.14390	.62780	1.2662	.26297

#1	4215.1	49744.	6334.8	88.416	4131.5
#2	4226.8	49675.	6398.1	90.082	4128.4
#3	4244.5	49601.	6408.9	87.941	4148.6

Sample Name: CCB04 Acquired: 4/3/2019 15:48:32 Type: Unk
Method: P4-ICP2(v3017) 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	.00343	.00067	-.00019	.00116	.00459	-.01304	.00094	-.00076
Stddev	.00166	.00023	.00050	.00071	.00195	.00560	.00031	.00003
%RSD	48.386	34.328	263.84	61.580	42.428	42.978	33.141	4.6024

#1	.00505	.00071	-.00023	.00059	.00453	-.01436	.00125	-.00072
#2	.00173	.00088	.00033	.00196	.00656	-.01787	.00094	-.00079
#3	.00351	.00043	-.00067	.00092	.00267	-.00689	.00063	-.00076

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00158	-.00086	.00019	-.00175	-.00619	-.00054	-.01082
Stddev	.00002	.00822	.00048	.00013	.00018	.00050	.00005	.00600
%RSD	19.512	520.96	56.448	68.173	10.474	8.1150	9.4927	55.483

#1	-.00010	.00841	-.00136	.00028	-.00190	-.00596	-.00058	-.00635
#2	-.00014	-.00754	-.00082	.00025	-.00182	-.00585	-.00055	-.01764
#3	-.00010	.00386	-.00039	.00004	-.00155	-.00677	-.00048	-.00846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00013	.51049	-.00281	-.00102	.08704	-.00004	-.00568
Stddev	.00006	.00026	.01362	.00017	.00009	.00740	.00007	.01327
%RSD	3.0577	201.48	2.6685	5.9739	8.6162	8.5070	189.16	233.84

#1	-.00189	-.00040	.52239	-.00300	-.00093	.08229	-.00011	.00300
#2	-.00179	.00012	.51345	-.00272	-.00104	.08325	-.00002	-.02096
#3	-.00182	-.00011	.49563	-.00270	-.00110	.09557	.00002	.00093

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	-.00201	.00119	.00100	-.00326	F .2432	-.00230	7.0656
Stddev	.00254	.00227	.00045	.00223	.00044	.0006	.00005	.1934
%RSD	40.268	112.88	38.175	222.51	13.382	.2600	2.0777	2.7369

#1	.00340	.00036	.00116	.00109	-.00346	.2430	-.00224	7.0798
#2	.00744	-.00222	.00166	.00319	-.00276	.2439	-.00233	6.8655
#3	.00808	-.00417	.00075	-.00127	-.00356	.2427	-.00232	7.2515

Sample Name: CCB04 Acquired: 4/3/2019 15:48:32 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1610.1
#2 z 1623.4
#3 z 1606.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4409.1	51189.	6433.9	91.208	4613.0
Stddev	10.1	182.	67.2	.413	13.0
%RSD	.22866	.35474	1.0438	.45288	.28122

#1	4399.8	50998.	6356.9	90.733	4599.9
#2	4407.8	51208.	6480.7	91.483	4613.3
#3	4419.8	51360.	6463.9	91.408	4625.8

Sample Name: K2224-02 Acquired: 4/3/2019 15:53:01 Type: Unk
Method: P4-ICP2(v3017) 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	.00297	.00142	.00108	-.00166	-.00221	-.03196	.01901	-.00063
Stddev	.00138	.00080	.00079	.00383	.00091	.01750	.00037	.00005
%RSD	46.301	55.909	73.214	230.11	41.096	54.755	1.9274	8.4718
#1	.00413	.00182	.00036	-.00395	-.00189	-.05025	.01864	-.00064
#2	.00145	.00051	.00193	.00276	-.00150	-.03027	.01903	-.00068
#3	.00334	.00195	.00096	-.00380	-.00323	-.01537	.01937	-.00058
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	37.992	-.00152	.00015	-.00227	.01577	.00465	50.824
Stddev	.00007	.031	.00062	.00014	.00022	.00015	.00004	.298
%RSD	38.714	.08107	40.981	95.780	9.8705	.94559	.94069	.58712
#1	-.00015	38.027	-.00110	.00004	-.00225	.01581	.00470	51.127
#2	-.00013	37.968	-.00123	.00031	-.00205	.01561	.00465	50.530
#3	-.00026	37.982	-.00224	.00010	-.00250	.01590	.00461	50.814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00342	-.00052	404.30	-.00244	-.00057	14.069	.00035	.14797
Stddev	.00023	.00047	2.39	.00021	.00014	.046	.00006	.00126
%RSD	6.6796	90.965	.59175	8.4483	25.065	.32665	17.569	.85151
#1	-.00367	.00000	405.51	-.00220	-.00063	14.087	.00042	.14914
#2	-.00321	-.00093	401.55	-.00255	-.00068	14.017	.00030	.14812
#3	-.00338	-.00064	405.85	-.00257	-.00041	14.104	.00033	.14664
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.306	2.3135	-.01649	.00024	-.00667	.2681	.37084	9.2224
Stddev	.134	.0039	.00074	.00073	.00022	.0012	.00127	.2116
%RSD	.37953	.16799	4.4814	310.79	3.3272	.4473	.34199	2.2945
#1	35.460	2.3125	-.01656	.00044	-.00686	.2681	.37215	9.2526
#2	35.223	2.3178	-.01719	.00084	-.00674	.2693	.36962	9.4173
#3	35.233	2.3103	-.01571	-.00058	-.00643	.2669	.37074	8.9973

Sample Name: K2224-02 Acquired: 4/3/2019 15:53:01 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1874.7
#2 z 1872.6
#3 z 1848.6

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.6	48478.	6356.3	92.339	4052.4
Stddev	20.7	177.	17.7	.407	11.0
%RSD	.50264	.36544	.27800	.44129	.27099

#1	4150.5	48330.	6337.5	92.025	4058.7
#2	4116.6	48674.	6358.9	92.192	4058.8
#3	4112.9	48429.	6372.5	92.800	4039.7

Sample Name: K2224-03 Acquired: 4/3/2019 15:57:32 Type: Unk
Method: P4-ICP2(v3017) 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	.00223	.00120	.00092	-.00047	-.00353	-.01964	.01917	-.00071
Stddev	.00156	.00092	.00076	.00196	.00171	.00818	.00025	.00007
%RSD	70.042	76.394	83.076	418.87	48.612	41.627	1.3106	9.4605
#1	.00175	.00023	.00139	-.00038	-.00550	-.01919	.01898	-.00063
#2	.00096	.00131	.00133	.00144	-.00267	-.02803	.01946	-.00074
#3	.00398	.00206	.00004	-.00247	-.00241	-.01170	.01907	-.00075
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	33.810	-.00168	.00001	-.00286	.01815	.00443	36.403
Stddev	.00002	.147	.00016	.00015	.00025	.00003	.00004	.178
%RSD	9.4974	.43433	9.7859	979.33	8.6910	.14677	.83489	.49009
#1	-.00023	33.979	-.00152	-.00009	-.00309	.01818	.00445	36.279
#2	-.00026	33.718	-.00169	-.00005	-.00260	.01812	.00439	36.324
#3	-.00027	33.732	-.00184	.00018	-.00290	.01816	.00446	36.608
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	-.00090	286.72	-.00225	-.00053	9.9464	.00005	.10746
Stddev	.00015	.00014	1.92	.00032	.00004	.0795	.00031	.01074
%RSD	4.9258	16.021	.66952	14.237	8.0871	.79931	572.45	9.9908
#1	-.00317	-.00081	288.91	-.00253	-.00052	9.8548	.00025	.11370
#2	-.00287	-.00107	285.33	-.00190	-.00050	9.9974	-.00030	.09506
#3	-.00306	-.00083	285.92	-.00231	-.00058	9.9869	.00022	.11361
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.905	2.3309	-.01274	-.00048	-.00913	.2679	.29104	9.3421
Stddev	.119	.0224	.00096	.00071	.00012	.0005	.00223	.3091
%RSD	.47599	.96021	7.5194	150.10	1.2932	.1747	.76790	3.3086
#1	24.911	2.3563	-.01381	-.00105	-.00915	.2676	.29332	9.0507
#2	24.784	2.3221	-.01240	.00033	-.00924	.2677	.29096	9.3093
#3	25.021	2.3142	-.01199	-.00071	-.00900	.2684	.28885	9.6663

Sample Name: K2224-03 Acquired: 4/3/2019 15:57:32 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1852.1
#2	Z 1832.8
#3	Z 1830.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4184.1	48818.	6388.3	93.678	4142.8
Stddev	6.9	97.	36.9	1.265	3.6
%RSD	.16536	.19777	.57765	1.3503	.08604

#1	4178.9	48915.	6348.5	92.276	4144.5
#2	4181.5	48722.	6395.0	94.025	4138.7
#3	4192.0	48816.	6421.3	94.734	4145.2

Sample Name: K2224-04 Acquired: 4/3/2019 16:02:04 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	.00134	.00567	-.00328	-.00304	-.08906	.02386	-.00071
Stddev	.00295	.00099	.00183	.00236	.00109	.00860	.00044	.00003
%RSD	63.931	74.336	32.311	71.855	35.951	9.6605	1.8277	4.1114
#1	.00225	.00122	.00433	-.00069	-.00428	-.07988	.02384	-.00075
#2	.00791	.00041	.00775	-.00531	-.00218	-.09693	.02343	-.00069
#3	.00367	.00239	.00492	-.00384	-.00268	-.09036	.02430	-.00071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	117.82	-.00356	.00027	-.00099	-.00394	.01342	381.39
Stddev	.00003	.97	.00050	.00006	.00039	.00075	.00004	1.06
%RSD	9.1676	.82516	13.931	22.531	39.660	19.053	.32207	.27756
#1	-.00039	117.63	-.00378	.00020	-.00057	-.00337	.01345	382.23
#2	-.00033	118.87	-.00390	.00031	-.00107	-.00479	.01344	381.74
#3	-.00039	116.95	-.00299	.00030	-.00134	-.00366	.01337	380.20
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00678	-.00088	F 2295.6	-.00176	.00377	113.30	.00271	1.2169
Stddev	.00029	.00037	127.2	.00019	.00011	.75	.00028	.0043
%RSD	4.2328	41.552	5.5389	10.826	2.8275	.65880	10.275	.35392
#1	-.00649	-.00046	2401.2	-.00171	.00365	114.06	.00246	1.2154
#2	-.00679	-.00103	2331.2	-.00160	.00383	112.57	.00265	1.2217
#3	-.00707	-.00114	2154.4	-.00197	.00384	113.27	.00301	1.2135
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 273.48	1.6129	-.10504	-.00451	.03729	.2948	2.0227	14.906
Stddev	1.75	.0065	.00186	.00219	.00110	.0021	.0141	.427
%RSD	.63934	.40457	1.7744	48.597	2.9389	.7153	.69594	2.8667
#1	275.40	1.6191	-.10649	-.00210	.03658	.2972	2.0275	14.422
#2	273.06	1.6136	-.10569	-.00639	.03855	.2936	2.0337	15.231
#3	271.98	1.6061	-.10294	-.00504	.03674	.2935	2.0068	15.065

Sample Name: K2224-04 Acquired: 4/3/2019 16:02:04 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1950.1
#2	z 1937.7
#3	z 1946.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.9	41692.	6027.8	85.882	3236.1
Stddev	2.2	122.	31.9	1.566	4.4
%RSD	.06333	.29261	.52854	1.8232	.13639

#1	3539.9	41635.	6045.8	85.105	3232.4
#2	3535.5	41832.	5991.1	87.684	3234.8
#3	3538.4	41609.	6046.6	84.856	3241.0

Sample Name: K2224-05 Acquired: 4/3/2019 16:06:36 Type: Unk
Method: P4-ICP2(v3017) 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	.00481	.00038	.00196	-.00080	-.00291	-.04851	.02099	-.00065
Stddev	.00373	.00081	.00124	.00257	.00138	.00554	.00074	.00006
%RSD	77.516	211.89	63.280	321.11	47.533	11.424	3.5078	8.6142
#1	.00288	-.00003	.00339	-.00361	-.00379	-.05429	.02015	-.00070
#2	.00910	-.00014	.00124	-.00024	-.00131	-.04325	.02130	-.00065
#3	.00244	.00132	.00125	.00144	-.00362	-.04799	.02153	-.00059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	62.036	-.00203	-.00005	-.00232	.00416	.00715	150.67
Stddev	.00004	.295	.00023	.00020	.00038	.00085	.00013	.76
%RSD	13.486	.47576	11.133	392.62	16.340	20.408	1.8037	.50421
#1	-.00024	62.264	-.00182	.00012	-.00208	.00513	.00721	149.89
#2	-.00031	61.703	-.00200	-.00028	-.00276	.00358	.00700	151.41
#3	-.00026	62.142	-.00227	.00001	-.00213	.00376	.00723	150.71
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00532	-.00102	964.30	-.00192	-.00018	42.548	.00086	.46314
Stddev	.00058	.00026	4.17	.00057	.00002	.066	.00020	.01007
%RSD	10.852	25.421	.43197	29.829	10.058	.15502	23.071	2.1741
#1	-.00484	-.00079	961.39	-.00257	-.00017	42.494	.00075	.45599
#2	-.00515	-.00096	962.44	-.00149	-.00017	42.529	.00075	.45878
#3	-.00596	-.00130	969.07	-.00169	-.00020	42.622	.00110	.47466
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 105.59	2.0001	-.04240	-.00152	.00470	.2770	.87667	12.471
Stddev	.85	.0267	.00108	.00125	.00062	.0004	.00550	.197
%RSD	.80580	1.3325	2.5399	82.122	13.249	.1610	.62722	1.5798
#1	104.84	2.0287	-.04206	-.00269	.00509	.2771	.88001	12.244
#2	105.41	1.9759	-.04153	-.00166	.00504	.2765	.87033	12.565
#3	106.52	1.9958	-.04360	-.00021	.00399	.2774	.87968	12.603

Sample Name: K2224-05 Acquired: 4/3/2019 16:06:36 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1908.8
#2 z 1878.7
#3 z 1898.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3861.4	45599.	6349.0	91.529	3656.1
Stddev	11.9	99.	26.2	.991	15.9
%RSD	.30727	.21682	.41282	1.0826	.43532

#1	3848.6	45709.	6322.2	92.206	3672.4
#2	3872.0	45518.	6374.6	91.989	3655.3
#3	3863.8	45569.	6350.1	90.392	3640.6

Sample Name: K2224-06 Acquired: 4/3/2019 16:11:08 Type: Unk
Method: P4-ICP2(v3017) 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	.00320	.00140	.00047	.00076	-.00123	-.01752	.01779	-.00065
Stddev	.00280	.00098	.00058	.00047	.00150	.00375	.00093	.00007
%RSD	87.548	69.956	123.31	61.633	122.65	21.421	5.2115	10.201
#1	.00518	.00230	.00016	.00035	-.00116	-.01386	.01704	-.00069
#2	.00441	.00156	.00011	.00126	.00024	-.02136	.01749	-.00068
#3	-.00000	.00035	.00115	.00066	-.00277	-.01733	.01882	-.00057
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	31.706	-.00141	.00012	-.00301	.01678	.00426	29.975
Stddev	.00008	.239	.00020	.00005	.00050	.00024	.00003	.108
%RSD	54.712	.75358	13.877	36.948	16.703	1.4107	.61282	.35975
#1	-.00019	31.980	-.00163	.00015	-.00306	.01683	.00424	29.918
#2	-.00006	31.540	-.00127	.00007	-.00349	.01700	.00426	29.908
#3	-.00020	31.598	-.00133	.00015	-.00248	.01653	.00429	30.099
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00269	-.00113	216.45	-.00287	-.00087	8.1925	.00006	.07963
Stddev	.00004	.00038	2.25	.00015	.00007	.0332	.00011	.00943
%RSD	1.4647	33.574	1.0411	5.3411	8.5281	.40525	197.71	11.844
#1	-.00274	-.00082	218.84	-.00270	-.00079	8.2307	-.00007	.08928
#2	-.00266	-.00100	214.36	-.00299	-.00094	8.1712	.00014	.07043
#3	-.00269	-.00155	216.16	-.00292	-.00088	8.1755	.00010	.07916
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.641	2.3196	-.01159	.00036	-.01042	.2684	.25625	9.3417
Stddev	.053	.0164	.00033	.00067	.00042	.0007	.00173	.3158
%RSD	.25601	.70734	2.8450	188.00	3.9927	.2441	.67494	3.3804
#1	20.620	2.3276	-.01149	.00061	-.01086	.2688	.25762	9.6178
#2	20.701	2.3305	-.01196	-.00040	-.01035	.2686	.25683	8.9974
#3	20.602	2.3008	-.01132	.00086	-.01004	.2676	.25431	9.4100

Sample Name: K2224-06 Acquired: 4/3/2019 16:11:08 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1828.1
#2	Z 1812.3
#3	Z 1808.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4196.5	49736.	6531.3	94.789	4189.4
Stddev	3.7	62.	39.8	.628	7.8
%RSD	.08927	.12428	.60957	.66294	.18720

#1	4198.9	49665.	6493.7	94.070	4196.6
#2	4198.3	49768.	6527.2	95.065	4181.0
#3	4192.2	49776.	6573.0	95.232	4190.6

Sample Name: K2224-01LX5 Acquired: 4/3/2019 16:15:42 Type: Unk
Method: P4-ICP2(v3017) 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	.00360	.00122	.00055	.00053	-.00067	-.01415	.00246	-.00070
Stddev	.00195	.00027	.00068	.00227	.00052	.00649	.00051	.00007
%RSD	54.339	21.997	124.43	424.23	77.941	45.824	20.880	10.382
#1	.00356	.00151	.00090	.00173	-.00107	-.01464	.00301	-.00073
#2	.00557	.00115	.00097	.00195	-.00008	-.02038	.00237	-.00076
#3	.00166	.00099	-.00024	-.00208	-.00087	-.00744	.00200	-.00062
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	7.7991	-.00151	-.00008	-.00212	-.00649	.00006	19.327
Stddev	.00001	.0228	.00011	.00013	.00049	.00101	.00004	.022
%RSD	4.8880	.29194	7.5439	176.66	23.193	15.495	74.638	.11174
#1	-.00021	7.8043	-.00147	-.00011	-.00189	-.00747	.00002	19.348
#2	-.00022	7.8188	-.00164	.00007	-.00268	-.00546	.00011	19.330
#3	-.00023	7.7742	-.00143	-.00019	-.00178	-.00653	.00005	19.305
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	-.00070	106.30	-.00259	-.00064	5.6285	.00000	.05294
Stddev	.00014	.00024	1.51	.00032	.00018	.1103	.00016	.01340
%RSD	4.7193	34.779	1.4215	12.424	27.264	1.9587	3503.3	25.308
#1	-.00310	-.00070	105.54	-.00240	-.00044	5.7558	-.00004	.03822
#2	-.00318	-.00045	105.32	-.00241	-.00074	5.5646	-.00013	.06443
#3	-.00290	-.00094	108.04	-.00296	-.00075	5.5651	.00018	.05616
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.038	.17900	-.00579	-.00015	.00446	.2475	.11808	10.340
Stddev	.062	.00318	.00065	.00314	.00163	.0004	.00036	.091
%RSD	.47371	1.7774	11.177	2049.3	36.459	.1572	.30211	.88423
#1	13.092	.18031	-.00564	.00346	.00522	.2478	.11849	10.310
#2	12.971	.18131	-.00522	-.00218	.00260	.2475	.11789	10.442
#3	13.050	.17537	-.00649	-.00173	.00557	.2470	.11785	10.267

Sample Name: K2224-01LX5 Acquired: 4/3/2019 16:15:42 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1695.7
#2	z 1702.1
#3	z 1688.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4165.4	48427.	6270.7	91.111	4163.2
Stddev	11.2	294.	36.8	.674	15.7
%RSD	.26952	.60787	.58722	.74003	.37746

#1	4152.6	48198.	6249.4	90.333	4145.2
#2	4170.3	48325.	6249.5	91.474	4174.2
#3	4173.4	48759.	6313.2	91.527	4170.2

Sample Name: K2224-01MS Acquired: 4/3/2019 16:20:08 Type: Unk
Method: P4-ICP2(v3017) 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	.89185	1.8526	1.0477	2.2618	.87659	2.1611	.24429	.22971
Stddev	.00520	.0052	.0032	.0034	.00742	.0232	.00196	.00020
%RSD	.58336	.27793	.30364	.15015	.84610	1.0712	.80338	.08854
#1	.88642	1.8468	1.0453	2.2581	.86810	2.1645	.24556	.22993
#2	.89678	1.8565	1.0514	2.2627	.87990	2.1364	.24203	.22953
#3	.89236	1.8547	1.0465	2.2647	.88178	2.1823	.24528	.22967
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20625	80.432	.38608	.22024	.29889	2.9574	.20321	222.36
Stddev	.00037	.389	.00023	.00097	.00077	.0095	.00031	1.74
%RSD	.17731	.48376	.05856	.44211	.25637	.32051	.15195	.78202
#1	.20587	80.485	.38631	.22004	.29965	2.9682	.20303	223.76
#2	.20660	80.792	.38586	.22130	.29891	2.9504	.20303	220.42
#3	.20629	80.019	.38609	.21938	.29811	2.9535	.20356	222.91
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51053	.07795	1475.4	.30037	.24995	72.505	.39169	.99476
Stddev	.00127	.00025	47.6	.00041	.00029	.622	.00112	.00667
%RSD	.24899	.31829	3.2288	.13556	.11753	.85765	.28537	.67094
#1	.50969	.07801	1529.8	.30078	.24983	73.093	.39082	.99025
#2	.51199	.07768	1455.2	.29997	.25029	71.854	.39295	.99159
#3	.50990	.07816	1441.2	.30035	.24975	72.568	.39131	1.0024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 155.79	2.7186	.70500	.20248	.20548	6.889	1.4289	13.143
Stddev	.24	.0189	.00183	.00040	.00222	.027	.0040	.058
%RSD	.15464	.69603	.25924	.19764	1.0793	.3981	.28102	.43855
#1	155.62	2.7167	.70328	.20202	.20523	6.864	1.4281	13.168
#2	155.68	2.7384	.70692	.20264	.20781	6.885	1.4332	13.184
#3	156.06	2.7007	.70482	.20277	.20339	6.919	1.4253	13.077

Sample Name: K2224-01MS Acquired: 4/3/2019 16:20:08 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 2007.6
#2	z 1977.1
#3	z 1976.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3793.7	45066.	6212.6	88.766	3535.4
Stddev	1.3	229.	53.2	2.543	.6
%RSD	.03364	.50811	.85562	2.8649	.01675

#1	3795.2	44815.	6216.5	88.150	3535.7
#2	3793.3	45263.	6157.6	86.588	3534.7
#3	3792.7	45122.	6263.7	91.560	3535.7

Sample Name: K2224-01MSD Acquired: 4/3/2019 16:24:21 Type: Unk
Method: P4-ICP2(v3017) 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	.90494	1.8837	1.0585	2.3035	.89809	2.1853	.24662	.23167
Stddev	.00574	.0076	.0031	.0026	.00080	.0079	.00088	.00049
%RSD	.63449	.40391	.29371	.11058	.08892	.36261	.35761	.21311
#1	.90466	1.8843	1.0574	2.3035	.89901	2.1786	.24640	.23118
#2	.91082	1.8910	1.0621	2.3010	.89764	2.1833	.24586	.23216
#3	.89935	1.8758	1.0562	2.3060	.89761	2.1940	.24759	.23167
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20832	80.793	.39016	.22172	.30116	2.9821	.20607	222.81
Stddev	.00047	.316	.00129	.00007	.00035	.0023	.00033	.06
%RSD	.22554	.39104	.33109	.03184	.11700	.07700	.15959	.02568
#1	.20793	81.017	.39023	.22178	.30157	2.9819	.20573	222.85
#2	.20884	80.432	.39141	.22173	.30098	2.9844	.20611	222.82
#3	.20819	80.931	.38883	.22164	.30094	2.9798	.20638	222.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51477	.07855	1384.8	.30335	.25278	73.365	.39601	.97956
Stddev	.00058	.00081	28.5	.00092	.00034	.470	.00056	.01036
%RSD	.11358	1.0304	2.0574	.30267	.13448	.64056	.14252	1.0576
#1	.51418	.07776	1400.6	.30389	.25266	73.254	.39616	.96859
#2	.51478	.07938	1401.9	.30387	.25317	72.960	.39538	.98090
#3	.51535	.07850	1351.9	.30229	.25252	73.880	.39647	.98918
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 158.39	2.7452	.71715	.20591	.21031	7.056	1.4469	13.230
Stddev	.78	.0172	.00110	.00245	.00203	.013	.0041	.309
%RSD	.49461	.62680	.15348	1.1916	.96305	.1785	.28053	2.3345
#1	157.97	2.7255	.71670	.20795	.20804	7.043	1.4464	13.562
#2	159.29	2.7532	.71634	.20659	.21193	7.068	1.4431	13.178
#3	157.90	2.7570	.71840	.20319	.21096	7.057	1.4512	12.951

Sample Name: K2224-01MSD Acquired: 4/3/2019 16:24:21 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1954.0
#2	z 1965.0
#3	z 1980.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.7	44402.	6140.2	87.447	3500.4
Stddev	6.2	132.	16.4	1.357	8.4
%RSD	.16600	.29791	.26758	1.5517	.24091

#1	3744.0	44306.	6124.5	88.057	3500.1
#2	3751.8	44553.	6138.7	88.391	3492.1
#3	3756.3	44348.	6157.3	85.892	3509.0

Sample Name: K2224-01A Acquired: 4/3/2019 16:33:17 Type: Unk
Method: P4-ICP2(v3017) 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	.91423	1.9014	1.0622	2.3065	.89743	2.2134	.24854	.23394
Stddev	.00280	.0033	.0005	.0084	.00344	.0305	.00113	.00077
%RSD	.30671	.17131	.04359	.36406	.38286	1.3761	.45630	.32980
#1	.91664	1.9052	1.0625	2.3116	.89583	2.1903	.24736	.23306
#2	.91490	1.9000	1.0617	2.2968	.89508	2.2020	.24962	.23425
#3	.91115	1.8992	1.0625	2.3110	.90137	2.2479	.24863	.23451
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20935	81.953	.39486	.22319	.30276	2.9917	.20802	225.27
Stddev	.00038	.612	.00106	.00092	.00150	.0033	.00056	.46
%RSD	.18106	.74634	.26886	.41258	.49630	.10903	.26780	.20405
#1	.20979	82.625	.39564	.22414	.30431	2.9880	.20749	225.01
#2	.20913	81.805	.39528	.22230	.30268	2.9943	.20796	225.00
#3	.20913	81.429	.39365	.22312	.30131	2.9926	.20860	225.80
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51685	.07926	1447.3	.30368	.25382	74.468	.39822	.98983
Stddev	.00114	.00054	25.9	.00140	.00043	.282	.00079	.00991
%RSD	.22147	.68225	1.7897	.46000	.17043	.37883	.19790	1.0011
#1	.51811	.07879	1469.7	.30208	.25431	74.149	.39827	.98045
#2	.51657	.07985	1453.2	.30426	.25366	74.567	.39898	.98886
#3	.51588	.07913	1418.9	.30469	.25349	74.687	.39741	1.0002
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 160.17	2.7794	.72116	.20845	.21320	7.113	1.4664	13.099
Stddev	.15	.0315	.00400	.00241	.00249	.023	.0126	.048
%RSD	.09161	1.1325	.55485	1.1570	1.1669	.3216	.86189	.36746
#1	160.34	2.8153	.72508	.21074	.21556	7.140	1.4809	13.058
#2	160.12	2.7665	.71708	.20593	.21060	7.101	1.4608	13.086
#3	160.06	2.7565	.72133	.20869	.21345	7.099	1.4576	13.152

Sample Name: K2224-01A Acquired: 4/3/2019 16:33:17 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1960.9
#2	z 1956.7
#3	z 1952.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.7	44197.	6096.6	86.733	3477.7
Stddev	5.9	66.	58.9	1.882	3.0
%RSD	.15772	.14889	.96612	2.1701	.08658

#1	3724.4	44264.	6028.7	86.554	3474.6
#2	3731.7	44195.	6133.8	84.947	3477.8
#3	3736.1	44133.	6127.4	88.699	3480.7

Sample Name: PB118574BL Acquired: 4/3/2019 16:37:29 Type: Unk
Method: P4-ICP2(v3017) 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	.00224	.00055	-.00110	.00050	.00385	-.01946	.00095	-.00073
Stddev	.00152	.00022	.00022	.00074	.00130	.00411	.00010	.00007
%RSD	67.854	39.289	20.469	146.94	33.799	21.103	10.208	9.8307
#1	.00379	.00030	-.00135	-.00028	.00492	-.01726	.00084	-.00082
#2	.00217	.00071	-.00104	.00119	.00422	-.01693	.00101	-.00071
#3	.00076	.00064	-.00091	.00059	.00240	-.02420	.00102	-.00068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00001	-.00097	.00030	-.00118	-.00616	-.00062	.00924
Stddev	.00004	.01333	.00078	.00016	.00029	.00048	.00005	.00926
%RSD	26.555	145470.	80.529	52.570	24.295	7.7531	7.4330	100.23
#1	-.00017	-.01537	-.00159	.00012	-.00090	-.00659	-.00065	.01983
#2	-.00010	.00714	-.00009	.00039	-.00147	-.00564	-.00057	.00529
#3	-.00017	.00825	-.00123	.00038	-.00116	-.00624	-.00064	.00261
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00046	F 3.4252	-.00322	-.00125	F .60480	.00011	.00105
Stddev	.00022	.00020	.1916	.00010	.00015	.12367	.00013	.00852
%RSD	13.172	43.149	5.5928	3.0785	11.958	20.448	115.19	813.44
#1	-.00146	-.00026	3.5624	-.00310	-.00109	.74521	.00008	.00263
#2	-.00175	-.00065	3.5069	-.00327	-.00139	.55712	.00001	.00866
#3	-.00190	-.00047	3.2064	-.00328	-.00127	.51206	.00026	-.00815
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09166	-.00165	-.00037	.00039	.00275	F .2436	-.00222	F 7.4485
Stddev	.02756	.00179	.00178	.00224	.00109	.0012	.00009	.2295
%RSD	30.064	108.51	483.90	577.38	39.484	.4946	4.2514	3.0814
#1	.11993	-.00028	.00167	.00288	.00189	.2448	-.00226	7.4018
#2	.09018	-.00368	-.00156	-.00147	.00239	.2424	-.00229	7.2459
#3	.06488	-.00100	-.00121	-.00025	.00398	.2437	-.00211	7.6978

Sample Name: PB118574BL Acquired: 4/3/2019 16:37:29 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1604.4
#2 z 1625.5
#3 z 1606.3

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4356.5	50860.	6385.4	92.478	4553.3
Stddev	14.4	53.	16.1	.235	9.2
%RSD	.33160	.10334	.25226	.25397	.20141

#1	4340.5	50834.	6368.0	92.400	4542.7
#2	4368.7	50921.	6388.6	92.292	4558.6
#3	4360.2	50826.	6399.8	92.742	4558.6

Sample Name: CCV05 Acquired: 4/3/2019 17:03:28 Type: Unk
Method: P4-ICP2(v3017) 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	5.2386	5.0159	5.2845	5.2556	5.3199	10.153	10.230	.26159
Stddev	.0143	.0239	.0070	.0161	.0103	.061	.106	.00056
%RSD	.27242	.47718	.13181	.30715	.19285	.60378	1.0330	.21597
#1	5.2461	5.0301	5.2926	5.2696	5.3253	10.090	10.333	.26223
#2	5.2221	4.9882	5.2801	5.2380	5.3081	10.212	10.236	.26139
#3	5.2475	5.0292	5.2810	5.2592	5.3265	10.158	10.122	.26115
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5376	24.714	.96793	2.6589	1.2712	4.8953	2.4168	25.344
Stddev	.0011	.066	.00099	.0030	.0036	.0095	.0037	.115
%RSD	.04223	.26793	.10208	.11343	.28439	.19310	.15111	.45551
#1	2.5379	24.669	.96867	2.6621	1.2731	4.9056	2.4179	25.438
#2	2.5364	24.790	.96681	2.6587	1.2670	4.8935	2.4198	25.378
#3	2.5384	24.683	.96832	2.6561	1.2734	4.8870	2.4128	25.215
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5083	1.2625	24.885	2.4194	2.7001	22.757	4.9093	4.7354
Stddev	.0022	.0036	.044	.0011	.0036	.089	.0091	.0120
%RSD	.08721	.28780	.17513	.04412	.13201	.39015	.18496	.25230
#1	2.5097	1.2622	24.915	2.4205	2.7039	22.776	4.9111	4.7216
#2	2.5058	1.2662	24.835	2.4195	2.6969	22.835	4.8995	4.7431
#3	2.5095	1.2590	24.905	2.4184	2.6994	22.660	4.9174	4.7414
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9751	4.8342	5.2379	5.1275	4.6912	5.110	5.1381	F 9.7809
Stddev	.0274	.0200	.0110	.0122	.0193	.023	.0154	.0723
%RSD	.55139	.41337	.20920	.23830	.41079	.4458	.29902	.73880
#1	4.9968	4.8137	5.2483	5.1161	4.6781	5.131	5.1400	9.8218
#2	4.9443	4.8352	5.2265	5.1404	4.7133	5.086	5.1524	9.8233
#3	4.9842	4.8537	5.2390	5.1259	4.6821	5.114	5.1219	9.6974

Sample Name: CCV05 Acquired: 4/3/2019 17:03:28 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg zF *****
 Stddev -----
 %RSD -----

#1 z 1821.9
 #2 z 1808.6
 #3 z 1825.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4228.3	50156.	6448.2	89.607	4161.5
Stddev	4.4	74.	6.1	.312	5.0
%RSD	.10343	.14825	.09509	.34852	.11983

#1	4223.2	50110.	6452.1	89.870	4155.9
#2	4231.1	50115.	6441.1	89.262	4162.9
#3	4230.4	50241.	6451.3	89.690	4165.6

Sample Name: CCB05 Acquired: 4/3/2019 17:12:05 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.00036	-.00120	-.00035	.00356	-.00257	.00089	-.00066
Stddev	.00186	.00032	.00006	.00200	.00072	.00189	.00041	.00002
%RSD	81.978	88.745	4.9174	568.23	20.217	73.668	46.089	3.2974
#1	.00338	.00062	-.00116	.00193	.00364	-.00449	.00116	-.00064
#2	.00331	.00000	-.00127	-.00122	.00424	-.00071	.00042	-.00068
#3	.00012	.00046	-.00117	-.00177	.00281	-.00250	.00108	-.00065
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00154	-.00117	.00014	-.00154	-.00429	-.00057	.01866
Stddev	.00009	.00912	.00027	.00006	.00014	.00098	.00010	.03111
%RSD	103.04	590.51	23.408	46.831	9.2022	22.959	17.516	166.75
#1	-.00002	-.00329	-.00096	.00007	-.00166	-.00474	-.00068	-.01598
#2	-.00004	.00832	-.00148	.00015	-.00138	-.00316	-.00051	.04424
#3	-.00018	-.00967	-.00107	.00020	-.00158	-.00497	-.00051	.02771
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	-.00038	.38127	-.00322	-.00125	.08159	.00008	-.00027
Stddev	.00025	.00032	.02655	.00003	.00009	.03720	.00009	.00571
%RSD	15.561	82.551	6.9626	.95101	7.2446	45.590	117.70	2090.0
#1	-.00156	-.00008	.40171	-.00320	-.00118	.12450	.00010	-.00548
#2	-.00188	-.00072	.39084	-.00325	-.00121	.05837	.00016	-.00118
#3	-.00138	-.00036	.35127	-.00321	-.00135	.06192	-.00002	.00584
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00119	.00149	.00093	-.00092	F .2431	-.00233	F 8.1341
Stddev	.00137	.00072	.00060	.00049	.00108	.0007	.00006	.1756
%RSD	146.46	60.977	40.388	52.265	117.74	.3054	2.7245	2.1586
#1	.00245	-.00177	.00218	.00119	-.00185	.2440	-.00232	8.0964
#2	-.00021	-.00141	.00113	.00037	-.00118	.2425	-.00227	8.3255
#3	.00056	-.00038	.00115	.00124	.00027	.2429	-.00239	7.9805

Sample Name: CCB05 Acquired: 4/3/2019 17:12:05 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1620.2
#2	Z 1624.4
#3	Z 1625.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4343.5	51048.	6467.2	93.481	4571.2
Stddev	14.4	312.	30.6	1.556	15.9
%RSD	.33193	.61025	.47339	1.6642	.34746

#1	4326.9	50766.	6481.1	95.075	4553.0
#2	4350.5	50996.	6488.4	93.400	4578.8
#3	4353.1	51383.	6432.1	91.967	4581.9

Sample Name: PB118550BS Acquired: 4/3/2019 17:16:34 Type: Unk
Method: P4-ICP2(v3017) 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	.80840	1.9921	1.0276	2.0328	.84269	1.9885	.20775	.20400
Stddev	.00601	.0048	.0056	.0106	.00376	.0227	.00219	.00015
%RSD	.74376	.24287	.54745	.52061	.44567	1.1412	1.0524	.07421
#1	.81060	1.9974	1.0323	2.0381	.84552	1.9696	.20619	.20407
#2	.80159	1.9880	1.0213	2.0206	.83843	1.9822	.20681	.20411
#3	.81300	1.9908	1.0291	2.0397	.84413	2.0137	.21025	.20383
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19404	1.0332	.39826	.21245	.32309	3.0319	.20015	2.0119
Stddev	.00043	.0059	.00184	.00128	.00124	.0060	.00015	.0398
%RSD	.22345	.57359	.46128	.60210	.38422	.19750	.07436	1.9771
#1	.19444	1.0310	.39619	.21316	.32438	3.0259	.20002	2.0565
#2	.19358	1.0399	.39887	.21097	.32191	3.0319	.20031	1.9802
#3	.19411	1.0287	.39971	.21321	.32297	3.0379	.20011	1.9990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50083	.07254	3.3079	.29369	.20982	9.1376	.39522	.26925
Stddev	.00206	.00036	.0336	.00119	.00079	.1209	.00220	.00119
%RSD	.41162	.50216	1.0156	.40367	.37621	1.3231	.55697	.44273
#1	.50259	.07265	3.2792	.29246	.21030	9.1142	.39686	.26975
#2	.49856	.07284	3.2997	.29380	.20891	9.0300	.39272	.27011
#3	.50135	.07213	3.3448	.29482	.21025	9.2684	.39607	.26788
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.3724	.87980	.71954	.20622	.18333	5.462	.20088	F 7.4002
Stddev	.0556	.00351	.00101	.00047	.00176	.025	.00047	.3291
%RSD	1.0350	.39858	.13974	.22579	.95997	.4589	.23571	4.4466
#1	5.3321	.88289	.72066	.20664	.18450	5.485	.20084	7.5922
#2	5.3493	.88053	.71924	.20630	.18130	5.435	.20042	7.0202
#3	5.4358	.87599	.71872	.20572	.18417	5.467	.20137	7.5882

Sample Name: PB118550BS Acquired: 4/3/2019 17:16:34 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1677.4
#2	z 1671.1
#3	z 1696.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.0	52391.	6581.3	95.161	4619.8
Stddev	5.6	114.	61.7	1.224	8.3
%RSD	.12605	.21781	.93802	1.2863	.17862

#1	4410.6	52360.	6531.8	93.867	4611.8
#2	4415.6	52518.	6561.7	95.317	4619.4
#3	4421.7	52296.	6650.5	96.300	4628.3

Sample Name: PB118549BL Acquired: 4/3/2019 17:20:40 Type: Unk
Method: P4-ICP2(v3017) 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	.00288	.00012	-.00097	.00129	.00279	-.01770	.00110	-.00068
Stddev	.00348	.00111	.00044	.00107	.00089	.00742	.00056	.00004
%RSD	120.78	902.18	45.125	82.802	31.873	41.916	51.146	5.7738

#1	-.00011	-.00068	-.00047	.00006	.00309	-.01124	.00104	-.00067
#2	.00206	.00140	-.00124	.00191	.00179	-.01605	.00169	-.00072
#3	.00670	-.00034	-.00122	.00191	.00349	-.02581	.00057	-.00064

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00835	-.00113	.00024	-.00193	-.00496	-.00064	-.00015
Stddev	.00007	.00787	.00027	.00024	.00010	.00049	.00003	.07490
%RSD	69.010	94.269	24.102	98.472	5.3505	9.9821	5.0428	49786.

#1	-.00018	.00871	-.00135	.00005	-.00205	-.00479	-.00067	-.05489
#2	-.00011	.01604	-.00083	.00016	-.00186	-.00551	-.00060	.08521
#3	-.00003	.00031	-.00122	.00050	-.00187	-.00457	-.00065	-.03078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00016	.17344	-.00301	-.00154	.00842	-.00034	-.00831
Stddev	.00014	.00061	.01292	.00024	.00003	.01274	.00018	.00358
%RSD	10.624	392.41	7.4465	7.9588	1.6243	151.26	52.130	43.127

#1	-.00127	-.00084	.16247	-.00327	-.00157	.01867	-.00014	-.00687
#2	-.00116	.00001	.18768	-.00279	-.00153	-.00584	-.00042	-.00567
#3	-.00144	.00035	.17019	-.00296	-.00152	.01243	-.00046	-.01239

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00435	-.00126	.00127	-.00581	F .2426	-.00226	F 7.3519
Stddev	.00279	.00175	.00024	.00028	.00094	.0003	.00004	.4020
%RSD	418.63	40.263	18.734	22.353	16.260	.1208	1.7486	5.4680

#1	.00388	-.00542	-.00150	.00116	-.00645	.2430	-.00222	7.7770
#2	-.00067	-.00233	-.00125	.00159	-.00473	.2426	-.00224	6.9779
#3	-.00120	-.00529	-.00103	.00106	-.00625	.2424	-.00230	7.3008

Sample Name: PB118549BL Acquired: 4/3/2019 17:20:40 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 1625.0
#2 z 1616.5
#3 z 1635.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4348.2	51079.	6442.3	92.419	4574.7
Stddev	13.5	124.	13.9	1.182	12.0
%RSD	.31108	.24261	.21501	1.2784	.26335

#1	4333.0	51160.	6447.2	92.333	4562.0
#2	4359.0	51141.	6453.0	93.642	4576.3
#3	4352.7	50936.	6426.6	91.283	4585.9

Sample Name: PB118549BS Acquired: 4/3/2019 17:25:10 Type: Unk
Method: P4-ICP2(v3017) 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	.73549	1.8147	.94990	1.8542	.81928	1.8710	.19391	.18717
Stddev	.00619	.0051	.00368	.0087	.00384	.0224	.00110	.00041
%RSD	.84227	.27917	.38735	.46819	.46840	1.1976	.56567	.21786
#1	.73653	1.8166	.95262	1.8582	.82134	1.8472	.19487	.18671
#2	.72884	1.8090	.94571	1.8443	.81485	1.8742	.19271	.18736
#3	.74110	1.8186	.95136	1.8602	.82165	1.8917	.19415	.18745
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17982	.98839	.37764	.19841	.29569	2.8522	.21496	1.9000
Stddev	.00103	.01940	.00034	.00089	.00191	.0070	.00078	.0486
%RSD	.57271	1.9628	.09024	.44944	.64672	.24729	.36298	2.5574
#1	.18055	1.0108	.37781	.19910	.29663	2.8537	.21415	1.9382
#2	.17864	.97655	.37725	.19740	.29349	2.8583	.21503	1.9164
#3	.18025	.97784	.37787	.19872	.29695	2.8445	.21570	1.8453
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46367	.06707	3.1293	.27954	.19085	8.5638	.39736	.25800
Stddev	.00273	.00021	.0173	.00060	.00098	.0341	.00319	.00654
%RSD	.58789	.30702	.55383	.21616	.51255	.39766	.80327	2.5333
#1	.46513	.06701	3.1233	.27949	.19123	8.5986	.39883	.25237
#2	.46053	.06730	3.1158	.27896	.18974	8.5306	.39370	.25645
#3	.46535	.06690	3.1489	.28017	.19158	8.5622	.39956	.26517
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04281	.85592	.70049	.20718	.17314	4.985	.18924	F 7.1667
Stddev	.00127	.00442	.00425	.00201	.00178	.013	.00043	.4550
%RSD	2.9716	.51588	.60614	.97250	1.0260	.2617	.22588	6.3490
#1	.04136	.85082	.70023	.20664	.17155	4.986	.18876	7.6099
#2	.04333	.85855	.69639	.20550	.17280	4.972	.18955	7.1895
#3	.04373	.85838	.70487	.20941	.17506	4.998	.18943	6.7007

Sample Name: PB118549BS Acquired: 4/3/2019 17:25:10 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg zF *****
Stddev -----
%RSD -----

#1 z 1648.6
#2 z 1648.9
#3 z 1659.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4422.9	52554.	6551.1	94.348	4640.1
Stddev	12.8	125.	20.8	.591	11.1
%RSD	.29002	.23698	.31706	.62687	.23925

#1	4410.6	52413.	6566.9	94.417	4630.3
#2	4436.2	52597.	6527.6	93.725	4652.1
#3	4421.9	52651.	6558.9	94.902	4637.7

Sample Name: PB118550BL Acquired: 4/3/2019 17:29:18 Type: Unk
Method: P4-ICP2(v3017) 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	.00153	-.00005	-.00109	.00085	.00168	-.01704	.00119	-.00075
Stddev	.00169	.00024	.00111	.00071	.00055	.00535	.00021	.00002
%RSD	110.74	435.04	101.52	83.995	33.043	31.398	17.756	3.2886
#1	.00000	.00021	-.00076	.00039	.00191	-.01286	.00144	-.00073
#2	.00335	-.00014	-.00019	.00049	.00207	-.01519	.00110	-.00074
#3	.00123	-.00024	-.00233	.00167	.00104	-.02307	.00105	-.00078
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00804	-.00106	.00025	-.00168	-.00382	-.00059	-.00872
Stddev	.00003	.00950	.00025	.00009	.00016	.00031	.00001	.06269
%RSD	34.813	118.12	23.152	35.539	9.3525	8.2072	1.4960	719.34
#1	-.00010	.01898	-.00078	.00033	-.00151	-.00413	-.00059	.03903
#2	-.00005	.00189	-.00120	.00027	-.00182	-.00382	-.00060	.01453
#3	-.00011	.00326	-.00121	.00015	-.00171	-.00350	-.00059	-.07971
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00042	.15316	-.00282	-.00165	.01257	-.00021	-.00429
Stddev	.00017	.00026	.00716	.00005	.00003	.00733	.00029	.00955
%RSD	10.307	61.784	4.6756	1.7806	1.7065	58.333	138.69	222.60
#1	-.00144	-.00012	.14608	-.00276	-.00164	.02042	.00004	-.00352
#2	-.00169	-.00059	.16040	-.00285	-.00168	.00590	-.00053	.00485
#3	-.00177	-.00056	.15299	-.00286	-.00163	.01139	-.00014	-.01420
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	-.00190	-.00194	-.00021	-.00686	F .2431	-.00223	F 7.3893
Stddev	.00383	.00182	.00054	.00093	.00066	.0008	.00007	.0099
%RSD	112.02	95.492	27.937	439.54	9.5619	.3348	3.0430	.13348
#1	-.00698	.00007	-.00182	-.00108	-.00681	.2435	-.00216	7.3781
#2	-.00390	-.00226	-.00253	.00076	-.00755	.2437	-.00225	7.3966
#3	.00063	-.00351	-.00147	-.00032	-.00624	.2422	-.00229	7.3931

Sample Name: PB118550BL Acquired: 4/3/2019 17:29:18 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1649.9
#2	Z 1629.8
#3	Z 1632.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4362.5	51372.	6446.7	93.411	4589.8
Stddev	12.1	127.	35.1	2.576	10.5
%RSD	.27735	.24803	.54461	2.7580	.22834

#1	4361.6	51225.	6424.1	92.033	4588.8
#2	4375.1	51442.	6487.2	96.383	4600.8
#3	4350.9	51449.	6428.9	91.817	4579.9

Sample Name: PB118574BS Acquired: 4/3/2019 17:33:46 Type: Unk
Method: P4-ICP2(v3017) 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	.77170	1.9101	.99862	1.9541	.82112	1.9411	.20293	.19579
Stddev	.00268	.0099	.00389	.0109	.00339	.0278	.00270	.00091
%RSD	.34783	.52055	.38956	.55879	.41262	1.4296	1.3301	.46569
#1	.77421	1.9200	.99983	1.9647	.81732	1.9128	.20145	.19494
#2	.76887	1.9001	.99427	1.9547	.82221	1.9423	.20129	.19567
#3	.77202	1.9103	1.0018	1.9429	.82383	1.9682	.20605	.19675
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18903	1.0461	.39352	.20914	.31075	2.9977	F .29077	1.9831
Stddev	.00056	.0083	.00182	.00081	.00081	.0064	.00024	.0116
%RSD	.29634	.79759	.46186	.38965	.25996	.21322	.08401	.58702
#1	.18880	1.0428	.39288	.20979	.30995	2.9945	.29076	1.9699
#2	.18861	1.0399	.39211	.20822	.31157	2.9935	.29053	1.9917
#3	.18967	1.0556	.39557	.20941	.31074	3.0051	.29102	1.9877
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48935	.06962	3.3409	.29196	.20203	8.9409	.39862	.26733
Stddev	.00183	.00035	.0480	.00127	.00022	.0942	.00092	.00199
%RSD	.37392	.49708	1.4362	.43538	.11074	1.0536	.23204	.74280
#1	.48934	.06923	3.2912	.29099	.20178	8.8510	.39822	.26755
#2	.48752	.06990	3.3447	.29340	.20208	8.9327	.39797	.26920
#3	.49118	.06973	3.3869	.29150	.20222	9.0389	.39968	.26525
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .17338	.85392	.70329	.20568	.17820	5.229	.19682	F 7.4375
Stddev	.00221	.00946	.00182	.00108	.00208	.026	.00201	.2054
%RSD	1.2735	1.1074	.25884	.52383	1.1700	.4911	1.0228	2.7614
#1	.17469	.84606	.70182	.20469	.17769	5.259	.19605	7.4900
#2	.17083	.86442	.70271	.20683	.18049	5.212	.19911	7.2110
#3	.17461	.85128	.70533	.20551	.17641	5.217	.19531	7.6116

Sample Name: PB118574BS Acquired: 4/3/2019 17:33:46 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1629.8
#2	z 1671.3
#3	z 1667.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4376.8	52489.	6573.9	94.599	4595.4
Stddev	5.3	42.	47.7	.946	4.4
%RSD	.12128	.07926	.72497	.99973	.09661

#1	4382.0	52512.	6565.3	95.625	4590.3
#2	4371.4	52514.	6531.0	94.408	4598.4
#3	4377.1	52441.	6625.2	93.762	4597.4

Sample Name: PB118574TB Acquired: 4/3/2019 17:37:53 Type: Unk
Method: P4-ICP2(v3017) 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	-.00050	-.00217	-.00117	.00323	.00318	-.01253	.00069	-.00079
Stddev	.00068	.00048	.00070	.00370	.00107	.00803	.00032	.00006
%RSD	136.85	22.138	59.955	114.60	33.786	64.058	46.038	8.1557
#1	-.00129	-.00164	-.00144	-.00104	.00224	-.01463	.00088	-.00073
#2	-.00006	-.00257	-.00037	.00522	.00435	-.01929	.00032	-.00076
#3	-.00015	-.00231	-.00170	.00552	.00294	-.00366	.00087	-.00086
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.01441	-.00009	.00012	-.00183	-.00839	-.00103	-.00072
Stddev	.00004	.00819	.00016	.00015	.00014	.00016	.00006	.02742
%RSD	21.063	56.847	174.85	132.66	7.4125	1.9150	6.2054	3789.6
#1	-.00022	.00553	-.00021	.00002	-.00179	-.00858	-.00096	-.00383
#2	-.00016	.02166	-.00017	.00029	-.00172	-.00831	-.00104	-.02645
#3	-.00024	.01604	.00009	.00004	-.00198	-.00830	-.00108	.02811
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00143	F 378.64	-.00320	-.00039	.07754	-.00018	-.01120
Stddev	.00036	.00038	2.09	.00017	.00010	.04037	.00001	.00650
%RSD	48.377	26.917	.55284	5.4552	24.868	52.067	7.0628	57.986
#1	.00116	.00161	380.33	-.00300	-.00046	.04625	-.00019	-.00513
#2	.00057	.00168	379.29	-.00332	-.00044	.12311	-.00018	-.01043
#3	.00051	.00098	376.30	-.00328	-.00028	.06326	-.00017	-.01805
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00178	-.00277	-.00019	-.00613	F .2428	-.00236	9.2752
Stddev	.00114	.00099	.00031	.00103	.00236	.0003	.00000	.2426
%RSD	39.363	55.741	11.308	537.98	38.462	.1118	.15523	2.6157
#1	.00359	.00275	-.00289	.00070	-.00708	.2429	-.00236	9.4008
#2	.00351	.00077	-.00302	-.00132	-.00785	.2430	-.00236	9.4292
#3	.00158	.00181	-.00242	.00004	-.00344	.2425	-.00237	8.9955

Sample Name: PB118574TB Acquired: 4/3/2019 17:37:53 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1601.2
#2	Z 1599.0
#3	Z 1604.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4153.9	49324.	6528.3	92.133	4108.6
Stddev	3.3	214.	56.9	1.424	9.0
%RSD	.08031	.43430	.87108	1.5455	.21898

#1	4150.1	49135.	6591.8	93.033	4101.1
#2	4155.3	49556.	6482.1	90.492	4118.6
#3	4156.3	49280.	6511.0	92.875	4106.0

Sample Name: LR CHECK 1 Acquired: 4/3/2019 17:43:29 Type: Unk
Method: P4-ICP2(v3017) 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	-.08671	.03368	.11235	-.79341	.10558	1915.0	.01128	.01022
Stddev	.00271	.00110	.00288	.02750	.00597	11.1	.00072	.00033
%RSD	3.1307	3.2684	2.5632	3.4657	5.6538	.57777	6.3907	3.2346

#1	-.08966	.03468	.10939	-.77702	.09968	1902.6	.01211	.01039
#2	-.08432	.03386	.11253	-.77805	.11162	1918.7	.01093	.00984
#3	-.08616	.03250	.11514	-.82516	.10544	1923.7	.01081	.01043

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11841	1730.5	-.10478	.08345	.03014	975.92	.00055	1646.7
Stddev	.00114	11.8	.00054	.00033	.00111	3.25	.00019	7.2
%RSD	.95982	.68123	.51260	.38948	3.6683	.33269	34.338	.43709

#1	.11910	1729.7	-.10539	.08307	.02896	972.50	.00077	1648.0
#2	.11710	1719.2	-.10451	.08363	.03115	976.29	.00044	1653.1
#3	.11903	1742.7	-.10442	.08364	.03032	978.96	.00045	1638.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06279	-.20316	1959.0	.00506	.14902	1052.3	-.00241	-.33844
Stddev	.00238	.00146	46.0	.00037	.00103	10.9	.00089	.04390
%RSD	3.7857	.72069	2.3503	7.2879	.69406	1.0372	37.055	12.971

#1	.06016	-.20147	2011.4	.00506	.14946	1058.9	-.00211	-.38395
#2	.06339	-.20399	1940.6	.00468	.14783	1058.4	-.00171	-.29635
#3	.06480	-.20401	1925.1	.00542	.14976	1039.7	-.00342	-.33503

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36256	-.00471	.05664	-.06102	.08619	.2958	-1.0598	<.00000
Stddev	.01416	.00226	.00223	.00078	.00068	.0019	.0036	.68896
%RSD	3.9049	48.111	3.9328	1.2751	.78409	.6388	.34043	94.833

#1	.34622	-.00610	.05814	-.06050	.08697	.2937	-1.0560	-.04283
#2	.37051	-.00209	.05770	-.06192	.08589	.2973	-1.0603	-.71602
#3	.37096	-.00593	.05408	-.06065	.08572	.2965	-1.0631	-1.4206

Sample Name: LR CHECK 1 Acquired: 4/3/2019 17:43:29 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.2	37191.	5619.4	65.757	2283.0
Stddev	15.5	122.	29.9	1.423	2.3
%RSD	.51534	.32710	.53293	2.1638	.09992

#1	3008.4	37162.	5595.2	64.900	2285.5
#2	3013.7	37087.	5652.9	64.971	2282.3
#3	2984.6	37325.	5610.2	67.399	2281.1

Sample Name: LR CHECK 2 Acquired: 4/3/2019 17:48:29 Type: Unk
Method: P4-ICP2(v3017) 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	.02512	-.01379	259.62	.01671	-.04162	-.22721	95.907	-.00147
Stddev	.00243	.00062	1.00	.00082	.00239	.00672	.095	.00007
%RSD	9.6842	4.4747	.38487	4.8872	5.7349	2.9589	.09886	5.0001

#1	.02750	-.01446	259.17	.01669	-.03949	-.23032	95.809	-.00142
#2	.02523	-.01325	260.77	.01754	-.04117	-.23182	95.913	-.00155
#3	.02264	-.01366	258.93	.01590	-.04420	-.21950	95.998	-.00142

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00848	.23526	-.13282	-.01041	251.52	-.72039	41.519	-.05409
Stddev	.00009	.00859	.00073	.00033	1.01	.00331	.216	.03169
%RSD	1.0871	3.6517	.54801	3.1666	.40331	.45960	.51927	58.579

#1	-.00841	.24430	-.13342	-.01037	250.53	-.71863	41.692	-.03753
#2	-.00843	.23428	-.13302	-.01075	252.56	-.72421	41.586	-.03412
#3	-.00858	.22720	-.13201	-.01010	251.46	-.71833	41.277	-.09062

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.662	.01714	3.1746	-.08787	38.353	1.9051	.00698	-.01006
Stddev	.084	.00058	.2596	.00096	.238	.1359	.00017	.00321
%RSD	.15881	3.3758	8.1772	1.0882	.62169	7.1307	2.4052	31.889

#1	52.739	.01707	3.4160	-.08736	38.146	2.0342	.00681	-.01270
#2	52.573	.01660	3.2078	-.08898	38.299	1.9178	.00714	-.01099
#3	52.675	.01775	2.9000	-.08728	38.614	1.7634	.00698	-.00649

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02507	-.00197	.00058	.02724	-.01234	.1093	.00470	9.3681
Stddev	.00443	.00207	.00101	.00153	.00150	.0013	.00002	.2497
%RSD	17.658	104.60	174.83	5.6043	12.117	1.207	.43313	2.6654

#1	-.03015	-.00360	-.00026	.02737	-.01405	.1105	.00470	9.6563
#2	-.02200	.00035	.00169	.02870	-.01125	.1097	.00473	9.2314
#3	-.02307	-.00267	.00029	.02565	-.01174	.1079	.00469	9.2165

Sample Name: LR CHECK 2 Acquired: 4/3/2019 17:48:29 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1638.0
#2	Z 1653.3
#3	Z 1653.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4107.0	52383.	6538.1	93.342	4228.0
Stddev	3.4	199.	43.5	1.159	4.1
%RSD	.08227	.37934	.66512	1.2413	.09613

#1	4103.2	52572.	6498.7	93.308	4223.3
#2	4108.2	52176.	6530.8	92.200	4230.1
#3	4109.6	52402.	6584.7	94.517	4230.6

Sample Name: K2213-01 Acquired: 4/3/2019 17:56:23 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00995	.17020	-.10195	.01163	150.33	.85045	.00703
Stddev	.00275	.00145	.00181	.00194	.00025	.83	.00500	.00007
%RSD	105.05	14.551	1.0656	1.9070	2.1579	.55068	.58774	1.0018

#1	-.00029	.00978	.17213	-.10101	.01157	149.39	.84501	.00711
#2	.00297	.01147	.16852	-.10418	.01143	150.94	.85485	.00700
#3	.00516	.00859	.16996	-.10065	.01191	150.67	.85148	.00699

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00924	55.435	.36867	.27954	.81574	286.30	6.6586	122.18
Stddev	.00038	.445	.00232	.00170	.00071	.33	.0333	.71
%RSD	4.0775	.80188	.62985	.60732	.08714	.11506	.49987	.58476

#1	.00954	55.856	.37118	.28127	.81656	286.08	6.6544	121.39
#2	.00882	54.970	.36660	.27787	.81534	286.67	6.6938	122.79
#3	.00937	55.479	.36824	.27947	.81533	286.14	6.6277	122.37

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67524	-.02694	6.3792	.53368	1.1688	14.457	.03878	.46279
Stddev	.00360	.00046	.0188	.00376	.0023	.026	.00054	.01803
%RSD	.53294	1.7157	.29495	.70526	.19802	.18130	1.3938	3.8968

#1	.67938	-.02747	6.3655	.53749	1.1715	14.440	.03914	.46538
#2	.67287	-.02674	6.4006	.52996	1.1677	14.488	.03903	.47939
#3	.67348	-.02661	6.3714	.53359	1.1673	14.444	.03816	.44360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74763	6.1823	.01881	5.8139	.15100	8.927	-.14458	<.00000
Stddev	.00619	.0736	.00074	.0028	.00051	.017	.00052	.19431
%RSD	.82857	1.1901	3.9481	.04889	.34075	.1929	.35841	29.339

#1	.74565	6.2543	.01960	5.8124	.15146	8.944	-.14433	-.74509
#2	.74267	6.1073	.01813	5.8121	.15044	8.909	-.14517	-.44030
#3	.75458	6.1853	.01870	5.8172	.15111	8.927	-.14423	-.80149

Sample Name: K2213-01 Acquired: 4/3/2019 17:56:23 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 4376.0
#2	Z 4310.8
#3	Z 4303.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4767.4	57589.	7574.3	90.038	3929.1
Stddev	5.9	111.	66.5	1.072	3.2
%RSD	.12466	.19292	.87826	1.1906	.08055

#1	4763.4	57704.	7506.3	88.829	3925.9
#2	4764.5	57483.	7639.3	90.414	3929.1
#3	4774.2	57580.	7577.4	90.872	3932.2

Sample Name: K2213-03 Acquired: 4/3/2019 18:00:55 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9A(12)-S9B(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01814	.00616	.28038	-.06344	.00879	120.19	.73138	.00629
Stddev	.00148	.00016	.00144	.00320	.00016	.25	.00199	.00011
%RSD	8.1347	2.6511	.51200	5.0376	1.7691	.21135	.27209	1.7281

#1	.01757	.00619	.28197	-.06254	.00884	120.31	.73317	.00621
#2	.01703	.00631	.27998	-.06699	.00861	119.89	.72923	.00624
#3	.01982	.00598	.27919	-.06079	.00891	120.35	.73173	.00641

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	35.106	.28221	.13548	.69708	208.15	4.2030	61.602
Stddev	.00035	.176	.00033	.00065	.00458	.93	.0054	.167
%RSD	9.9907	.50209	.11797	.48340	.65673	.44919	.12818	.27130

#1	.00327	34.914	.28207	.13527	.69670	209.18	4.1987	61.481
#2	.00390	35.259	.28198	.13621	.70184	207.35	4.2013	61.532
#3	.00333	35.146	.28259	.13496	.69271	207.91	4.2091	61.793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25224	-.01592	3.5794	.37480	.86706	18.093	.01615	.11773
Stddev	.00146	.00016	.0084	.00145	.00161	.067	.00015	.00397
%RSD	.57735	.98528	.23345	.38636	.18617	.36956	.91750	3.3682

#1	.25331	-.01601	3.5890	.37503	.86717	18.166	.01620	.11355
#2	.25284	-.01601	3.5742	.37325	.86862	18.079	.01626	.11818
#3	.25058	-.01574	3.5750	.37612	.86540	18.034	.01598	.12145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64513	4.4651	.02286	6.4971	.12628	5.753	-.10352	1.4906
Stddev	.01072	.0078	.00025	.0252	.00118	.010	.00159	.3390
%RSD	1.6624	.17392	1.0913	.38723	.93553	.1678	1.5340	22.742

#1	.65225	4.4641	.02302	6.4824	.12528	5.763	-.10521	1.8585
#2	.65035	4.4733	.02299	6.5262	.12758	5.754	-.10207	1.4228
#3	.63280	4.4579	.02258	6.4828	.12596	5.744	-.10327	1.1907

Sample Name: K2213-03 Acquired: 4/3/2019 18:00:55 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S9A(12)-S9B(Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 3374.4
#2	z 3351.1
#3	z 3360.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4763.3	57095.	7440.6	89.924	4065.7
Stddev	9.5	82.	53.1	.493	5.9
%RSD	.19932	.14318	.71415	.54862	.14457

#1	4771.3	57088.	7495.8	90.171	4069.8
#2	4752.8	57179.	7389.8	89.356	4058.9
#3	4765.7	57016.	7436.1	90.245	4068.2

Sample Name: CCV06 Acquired: 4/3/2019 18:05:21 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14805 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2552	5.0648	5.2871	5.2671	5.2967	10.108	10.140	.26313
Stddev	.0058	.0266	.0104	.0141	.0095	.026	.062	.00104
%RSD	.11020	.52548	.19662	.26849	.17952	.25750	.61548	.39380
#1	5.2619	5.0880	5.2906	5.2833	5.3058	10.113	10.169	.26428
#2	5.2521	5.0706	5.2953	5.2571	5.2868	10.080	10.069	.26226
#3	5.2516	5.0358	5.2754	5.2609	5.2976	10.132	10.183	.26286
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5342	24.917	.97281	2.6632	1.2763	4.9270	2.4170	25.215
Stddev	.0044	.177	.00160	.0066	.0018	.0076	.0066	.196
%RSD	.17272	.70902	.16441	.24907	.13891	.15523	.27531	.77637
#1	2.5361	24.770	.97209	2.6683	1.2782	4.9185	2.4233	25.195
#2	2.5372	24.869	.97464	2.6657	1.2760	4.9291	2.4175	25.030
#3	2.5291	25.113	.97170	2.6557	1.2747	4.9334	2.4101	25.420
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4974	1.2671	24.762	2.4298	2.7000	22.588	4.9300	4.7287
Stddev	.0052	.0034	.095	.0005	.0084	.034	.0120	.0164
%RSD	.20862	.27251	.38229	.02094	.31025	.15136	.24388	.34619
#1	2.5002	1.2666	24.777	2.4300	2.7060	22.626	4.9379	4.7460
#2	2.5006	1.2707	24.661	2.4301	2.7036	22.577	4.9161	4.7266
#3	2.4914	1.2639	24.849	2.4292	2.6904	22.560	4.9359	4.7135
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9974	4.9038	5.2593	5.1565	4.7209	5.177	5.1455	F 10.544
Stddev	.0288	.0266	.0135	.0156	.0091	.018	.0056	.115
%RSD	.57528	.54271	.25673	.30283	.19168	.3457	.10920	1.0909
#1	5.0129	4.8871	5.2650	5.1387	4.7243	5.186	5.1420	10.444
#2	5.0151	4.9345	5.2691	5.1628	4.7277	5.188	5.1520	10.520
#3	4.9643	4.8897	5.2439	5.1680	4.7106	5.156	5.1425	10.670

Sample Name: CCV06 Acquired: 4/3/2019 18:05:21 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14805 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1849.8
#2	z 1834.5
#3	z 1862.3

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4223.0	49807.	6330.2	89.254	4165.5
Stddev	10.9	142.	19.7	.964	5.9
%RSD	.25729	.28440	.31090	1.0805	.14084

#1	4212.6	49644.	6322.6	90.003	4158.8
#2	4234.3	49874.	6315.4	88.166	4167.8
#3	4222.0	49903.	6352.5	89.592	4169.9

Sample Name: CCB06 Acquired: 4/3/2019 18:13:53 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CCB14805 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00024	.00354	.00023	.00093	-.00631	.00143	-.00070
Stddev	.00178	.00053	.00047	.00145	.00094	.00486	.00035	.00010
%RSD	82.178	219.88	13.194	620.70	101.27	76.959	24.359	14.461

#1	.00019	.00074	.00336	-.00119	.00173	-.01013	.00145	-.00074
#2	.00267	-.00032	.00407	.00018	.00117	-.00795	.00178	-.00078
#3	.00363	.00030	.00319	.00171	-.00011	-.00085	.00108	-.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00719	-.00132	.00028	.00239	-.00008	-.00013	-.00369
Stddev	.00006	.00703	.00034	.00019	.00039	.00075	.00007	.03527
%RSD	62.496	97.791	25.479	66.289	16.403	931.98	57.848	955.55

#1	-.00016	.00061	-.00122	.00013	.00274	-.00052	-.00006	.03489
#2	-.00012	.00637	-.00169	.00049	.00197	.00078	-.00020	-.03427
#3	-.00003	.01461	-.00104	.00023	.00246	-.00051	-.00012	-.01169

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00004	.25345	-.00312	.00177	.12732	-.00016	-.01987
Stddev	.00025	.00036	.01261	.00022	.00026	.00639	.00019	.01157
%RSD	12.195	866.16	4.9748	6.9977	14.859	5.0194	118.95	58.219

#1	-.00232	.00026	.25659	-.00320	.00201	.12563	-.00039	-.01453
#2	-.00184	.00006	.26419	-.00287	.00180	.12194	-.00005	-.03315
#3	-.00197	-.00044	.23957	-.00328	.00149	.13438	-.00005	-.01194

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	-.00097	-.00152	.00190	-.00457	F .2423	-.00235	8.5755
Stddev	.00388	.00214	.00038	.00169	.00026	.0008	.00003	.1710
%RSD	140.19	220.72	25.224	88.955	5.7210	.3360	1.2488	1.9945

#1	-.00658	-.00055	-.00110	.00034	-.00427	.2419	-.00234	8.6606
#2	-.00288	.00093	-.00186	.00370	-.00476	.2433	-.00238	8.6874
#3	.00117	-.00329	-.00160	.00167	-.00469	.2418	-.00232	8.3787

Sample Name: CCB06 Acquired: 4/3/2019 18:13:53 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14805 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1651.9
#2	Z 1661.1
#3	Z 1661.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4378.1	50995.	6333.9	92.800	4596.0
Stddev	5.9	121.	32.0	1.553	8.8
%RSD	.13408	.23688	.50542	1.6735	.19144

#1	4382.5	50969.	6299.3	91.033	4596.0
#2	4371.4	50888.	6340.0	93.950	4587.3
#3	4380.4	51126.	6362.5	93.417	4604.9

Sample Name: K2213-05 Acquired: 4/3/2019 18:18:22 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9C(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03922	.00848	.85577	-.05479	.01036	121.62	.89576	.00653
Stddev	.00310	.00090	.00405	.00398	.00129	.22	.00308	.00004
%RSD	7.8935	10.587	.47318	7.2693	12.494	.17849	.34381	.60772

#1	.03597	.00852	.85229	-.05379	.01135	121.40	.89249	.00649
#2	.04213	.00936	.86021	-.05140	.01083	121.64	.89617	.00657
#3	.03956	.00756	.85480	-.05917	.00889	121.83	.89861	.00652

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	20.873	.21491	.13321	.96551	217.18	5.3125	47.904
Stddev	.00013	.029	.00153	.00058	.00050	1.16	.0211	.318
%RSD	4.2817	.13872	.71360	.43762	.05149	.53227	.39724	.66296

#1	.00302	20.903	.21323	.13261	.96594	216.96	5.2997	47.619
#2	.00299	20.845	.21624	.13378	.96562	218.44	5.3368	47.847
#3	.00323	20.870	.21525	.13325	.96497	216.16	5.3009	48.246

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23634	-.01641	1.9571	.42262	.95307	13.042	.00722	.11869
Stddev	.00014	.00064	.0058	.00104	.00245	.074	.00006	.00854
%RSD	.05955	3.9285	.29646	.24720	.25730	.56733	.80928	7.1947

#1	.23618	-.01573	1.9637	.42185	.95093	12.969	.00715	.11441
#2	.23645	-.01646	1.9528	.42220	.95575	13.117	.00725	.12852
#3	.23639	-.01702	1.9549	.42381	.95255	13.041	.00726	.11314

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91092	4.8467	.04936	4.8258	.11518	6.078	-.12951	.19931
Stddev	.00560	.0486	.00121	.0055	.00097	.021	.00138	.91781
%RSD	.61493	1.0023	2.4545	.11444	.84504	.3408	1.0659	460.50

#1	.90522	4.8806	.05027	4.8196	.11626	6.054	-.12871	1.2388
#2	.91114	4.8684	.04798	4.8303	.11490	6.090	-.13110	-.49939
#3	.91642	4.7911	.04982	4.8274	.11437	6.090	-.12871	-.14145

Sample Name: K2213-05 Acquired: 4/3/2019 18:18:22 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9C(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 3340.4
#2	Z 3349.2
#3	Z 3391.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4841.4	57537.	7400.5	91.471	4191.3
Stddev	12.9	199.	43.9	.936	2.1
%RSD	.26741	.34505	.59273	1.0229	.04943

#1	4826.9	57620.	7362.8	92.540	4191.3
#2	4851.7	57310.	7390.2	90.800	4189.3
#3	4845.7	57680.	7448.6	91.074	4193.4

Sample Name: K2213-07 Acquired: 4/3/2019 18:22:58 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02098	.00767	.23156	-.05015	.00663	110.63	.61127	.00605
Stddev	.00305	.00130	.00033	.00192	.00126	.41	.00185	.00014
%RSD	14.529	16.986	.14407	3.8244	19.070	.37489	.30207	2.3464

#1	.02267	.00662	.23172	-.04942	.00712	110.91	.61337	.00599
#2	.01746	.00726	.23117	-.05233	.00519	110.15	.60991	.00596
#3	.02281	.00913	.23178	-.04870	.00757	110.82	.61053	.00622

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	22.345	.19113	.13097	.40456	207.22	5.3512	43.461
Stddev	.00019	.037	.00080	.00024	.00089	1.23	.0056	.131
%RSD	11.685	.16688	.41749	.18166	.21899	.59459	.10512	.30027

#1	.00177	22.344	.19172	.13122	.40538	205.87	5.3532	43.411
#2	.00169	22.383	.19144	.13075	.40469	207.51	5.3448	43.362
#3	.00141	22.308	.19022	.13092	.40362	208.28	5.3555	43.609

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22201	-.01690	2.2634	.32369	.98943	10.126	.00767	.13378
Stddev	.00095	.00046	.0151	.00306	.00188	.063	.00019	.01346
%RSD	.42939	2.7262	.66594	.94676	.18992	.62266	2.4166	10.058

#1	.22276	-.01648	2.2807	.32318	.98846	10.188	.00779	.12026
#2	.22094	-.01739	2.2561	.32698	.99160	10.128	.00776	.14717
#3	.22234	-.01683	2.2533	.32092	.98824	10.062	.00745	.13392

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98282	5.0045	.01248	3.4734	.12201	5.836	-.11426	.89720
Stddev	.00415	.0488	.00084	.0131	.00164	.015	.00119	.31693
%RSD	.42240	.97489	6.7116	.37579	1.3461	.2536	1.0423	35.325

#1	.98017	4.9492	.01191	3.4590	.12387	5.837	-.11300	1.2198
#2	.98070	5.0227	.01344	3.4843	.12078	5.850	-.11441	.58622
#3	.98761	5.0416	.01208	3.4771	.12138	5.821	-.11537	.88562

Sample Name: K2213-07 Acquired: 4/3/2019 18:22:58 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 3238.0
#2	Z 3246.3
#3	Z 3238.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4826.4	57114.	7364.2	89.775	4194.2
Stddev	4.3	131.	10.1	.647	3.6
%RSD	.08998	.22903	.13772	.72101	.08650

#1	4824.6	57014.	7364.7	90.414	4193.7
#2	4823.3	57262.	7353.8	89.119	4190.8
#3	4831.4	57066.	7374.1	89.793	4198.0

Sample Name: K2213-07DUP Acquired: 4/3/2019 18:27:34 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02022	.00665	.23436	-.04936	.00696	109.00	.60798	.00597
Stddev	.00286	.00150	.00176	.00263	.00106	.40	.00160	.00005
%RSD	14.161	22.618	.75054	5.3185	15.194	.36386	.26337	.85509

#1	.01700	.00609	.23543	-.04929	.00791	109.46	.60924	.00602
#2	.02248	.00836	.23533	-.04677	.00716	108.82	.60618	.00592
#3	.02117	.00551	.23233	-.05202	.00582	108.73	.60851	.00598

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	22.174	.18883	.12933	.40033	204.48	5.2662	43.055
Stddev	.00020	.105	.00104	.00050	.00145	.36	.0322	.025
%RSD	13.171	.47417	.54940	.38617	.36271	.17559	.61156	.05772

#1	.00174	22.200	.18934	.12966	.40197	204.18	5.3033	43.072
#2	.00156	22.264	.18763	.12876	.39919	204.38	5.2453	43.026
#3	.00133	22.058	.18951	.12958	.39983	204.88	5.2500	43.066

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21917	-.01612	2.2198	.32146	.97664	10.024	.00722	.12784
Stddev	.00072	.00099	.0077	.00291	.00131	.059	.00015	.01733
%RSD	.33058	6.1306	.34841	.90454	.13445	.58918	2.0852	13.555

#1	.21877	-.01680	2.2228	.32265	.97595	10.086	.00719	.14608
#2	.22000	-.01499	2.2255	.31815	.97815	9.9688	.00738	.12585
#3	.21873	-.01657	2.2110	.32358	.97581	10.017	.00708	.11159

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96357	5.0327	.01244	3.4318	.11870	5.739	-.11270	.38188
Stddev	.00207	.0283	.00018	.0076	.00036	.023	.00078	.47223
%RSD	.21461	.56264	1.4524	.22017	.30302	.3966	.69323	123.66

#1	.96405	5.0652	.01257	3.4399	.11829	5.758	-.11256	-.02794
#2	.96535	5.0198	.01251	3.4306	.11897	5.745	-.11199	.89830
#3	.96130	5.0131	.01223	3.4250	.11884	5.714	-.11354	.27528

Sample Name: K2213-07DUP Acquired: 4/3/2019 18:27:34 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 3231.4
#2	Z 3240.7
#3	Z 3236.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4875.2	57697.	7429.9	91.945	4238.0
Stddev	.9	173.	26.2	1.933	1.6
%RSD	.01840	.29964	.35328	2.1022	.03823

#1	4875.6	57498.	7415.2	91.786	4239.9
#2	4874.2	57782.	7414.4	90.096	4237.2
#3	4875.9	57810.	7460.3	93.952	4236.9

Sample Name: K2213-07LX5 Acquired: 4/3/2019 18:32:10 Type: Unk
Method: P4-ICP2(v3017) 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	.00970	.00212	.05090	-.00627	.00159	24.123	.13745	.00083
Stddev	.00101	.00106	.00054	.00132	.00155	.089	.00051	.00011
%RSD	10.419	50.145	1.0623	21.117	97.053	.37078	.37279	13.323

#1	.00881	.00100	.05044	-.00483	-.00016	24.020	.13804	.00074
#2	.00950	.00226	.05150	-.00656	.00275	24.162	.13719	.00096
#3	.01080	.00311	.05076	-.00743	.00220	24.185	.13712	.00081

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	5.0302	.04205	.02613	.09450	52.504	1.2628	9.6610
Stddev	.00007	.0269	.00028	.00026	.00025	.102	.0061	.0401
%RSD	5.9384	.53395	.65765	.97872	.26475	.19396	.48159	.41512

#1	-.00130	5.0361	.04207	.02633	.09477	52.407	1.2613	9.6274
#2	-.00117	5.0536	.04231	.02622	.09444	52.610	1.2695	9.6502
#3	-.00118	5.0009	.04176	.02584	.09428	52.496	1.2576	9.7054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04255	-.00301	.56068	.07044	.19300	2.3586	.00150	.03698
Stddev	.00046	.00038	.00288	.00069	.00069	.0478	.00014	.00454
%RSD	1.0840	12.587	.51453	.97426	.35510	2.0256	9.2059	12.284

#1	.04209	-.00335	.56276	.07079	.19268	2.3312	.00150	.04193
#2	.04255	-.00309	.56190	.06965	.19379	2.3308	.00137	.03301
#3	.04301	-.00260	.55739	.07088	.19254	2.4138	.00165	.03601

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18750	1.1670	-.00017	.78151	.02337	1.339	-.03407	6.1086
Stddev	.00132	.0205	.00055	.00449	.00091	.007	.00016	.6691
%RSD	.70372	1.7549	318.50	.57443	3.8772	.5146	.47910	10.953

#1	.18707	1.1660	-.00019	.77950	.02239	1.332	-.03397	6.4398
#2	.18898	1.1879	.00038	.78665	.02353	1.346	-.03426	5.3385
#3	.18645	1.1470	-.00071	.77837	.02418	1.338	-.03399	6.5474

Sample Name: K2213-07LX5 Acquired: 4/3/2019 18:32:10 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 1949.4
 #2 z 1957.7
 #3 z 1949.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4545.5	52725.	6607.5	91.550	4517.9
Stddev	7.0	80.	25.0	1.238	6.2
%RSD	.15321	.15252	.37770	1.3519	.13734

#1	4545.0	52635.	6579.3	90.325	4520.1
#2	4552.7	52790.	6616.3	91.525	4510.9
#3	4538.8	52749.	6626.8	92.800	4522.6

Sample Name: K2213-07MS Acquired: 4/3/2019 18:36:38 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73125	1.9887	1.2125	1.7552	.18337	118.16	.78258	.19490	.20468
Stddev	.00235	.0036	.0035	.0049	.00189	.33	.00439	.00067	.00043
%RSD	.32141	.18285	.29165	.27750	1.0319	.27574	.56065	.34374	.20825
#1	.72949	1.9845	1.2086	1.7524	.18133	118.40	.78520	.19549	.20476
#2	.73034	1.9912	1.2137	1.7608	.18373	118.29	.78503	.19505	.20506
#3	.73392	1.9903	1.2153	1.7524	.18506	117.79	.77752	.19417	.20422
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.721	.55537	.34922	.65693	212.40	5.3463	47.729	.74726	.04799
Stddev	.045	.00087	.00102	.00226	.13	.0038	.089	.00250	.00052
%RSD	.19008	.15620	.29100	.34431	.06021	.07141	.18738	.33404	1.0838
#1	23.746	.55556	.34948	.65617	212.30	5.3502	47.632	.74519	.04852
#2	23.748	.55443	.35008	.65948	212.35	5.3426	47.809	.75003	.04748
#3	23.669	.55613	.34810	.65515	212.55	5.3461	47.747	.74656	.04797
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3308	.61631	1.2580	18.550	.35388	.41581	.66008	6.6761	.73806
Stddev	.0344	.00092	.0016	.051	.00111	.01594	.00553	.0285	.00173
%RSD	.64606	.14873	.12686	.27343	.31276	3.8345	.83787	.42667	.23413
#1	5.3485	.61708	1.2577	18.517	.35271	.43416	.65372	6.6830	.73608
#2	5.3528	.61530	1.2597	18.609	.35491	.40793	.66372	6.6448	.73880
#3	5.2911	.61657	1.2565	18.525	.35403	.40535	.66280	6.7005	.73929
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	Cts/S			
Avg	4.0437	.29867	F 10.79	.06772	1.3381	z *****			
Stddev	.0085	.00091	.02	.00116	.3644	----			
%RSD	.21089	.30459	.1861	1.7150	27.231	----			
#1	4.0405	.29926	10.80	.06883	1.7226	z 3314.4			
#2	4.0534	.29763	10.77	.06780	1.2937	z 3303.4			
#3	4.0373	.29914	10.80	.06652	.99793	z 3314.5			

Sample Name: K2213-07MS Acquired: 4/3/2019 18:36:38 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10A(2-10)CO 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	4796.2	56508.	7175.0	88.723	4142.1
Stddev	4.2	171.	26.1	.777	5.6
%RSD	.08822	.30193	.36445	.87592	.13590
#1	4799.5	56311.	7144.8	89.327	4139.9
#2	4791.5	56601.	7189.5	87.846	4137.9
#3	4797.8	56612.	7190.6	88.995	4148.5

Sample Name: K2213-07MSD Acquired: 4/3/2019 18:41:05 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72336	1.9617	1.1946	1.7245	.17926	116.45	.77253	.19238	.20094
Stddev	.00021	.0035	.0010	.0146	.00158	.34	.00341	.00088	.00077
%RSD	.02853	.18052	.08552	.84357	.88144	.29368	.44158	.45770	.38200
#1	.72316	1.9658	1.1936	1.7311	.17920	116.72	.77227	.19293	.20073
#2	.72357	1.9600	1.1957	1.7079	.17771	116.06	.76926	.19284	.20179
#3	.72334	1.9594	1.1944	1.7347	.18087	116.55	.77606	.19137	.20029
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.284	.54945	.34287	.64870	208.83	5.2500	46.953	.73642	.04714
Stddev	.097	.00116	.00047	.00304	1.00	.0128	.199	.00032	.00041
%RSD	.41817	.21104	.13737	.46824	.47794	.24413	.42290	.04384	.87911
#1	23.353	.55052	.34272	.64924	209.72	5.2643	46.755	.73661	.04699
#2	23.173	.54962	.34339	.64543	207.75	5.2397	46.952	.73660	.04682
#3	23.327	.54822	.34248	.65144	209.02	5.2459	47.152	.73605	.04761
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2639	.60895	1.2343	18.299	.34895	.40651	.66236	6.4755	.72513
Stddev	.0075	.00273	.0019	.074	.00065	.01229	.00570	.0645	.00257
%RSD	.14202	.44901	.15728	.40422	.18587	3.0239	.86085	.99590	.35390
#1	5.2725	.61209	1.2336	18.368	.34926	.41916	.66624	6.5491	.72306
#2	5.2602	.60710	1.2365	18.221	.34821	.39461	.65581	6.4291	.72800
#3	5.2591	.60767	1.2328	18.309	.34939	.40575	.66502	6.4483	.72434
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	Cts/S			
Avg	4.0019	.29231	F 10.60	.06673	.81119	z *****			
Stddev	.0064	.00127	.03	.00028	.31114	----			
%RSD	.15912	.43324	.2976	.41950	38.357	----			
#1	3.9963	.29246	10.63	.06701	1.1700	z 3299.2			
#2	4.0004	.29097	10.60	.06645	.61634	z 3321.6			
#3	4.0088	.29349	10.57	.06672	.64720	z 3287.3			

Sample Name: K2213-07MSD Acquired: 4/3/2019 18:41:05 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10A(2-10)CO 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	4855.4	57178.	7267.4	90.590	4203.7
Stddev	10.0	114.	32.9	2.093	9.5
%RSD	.20513	.19914	.45325	2.3109	.22579
#1	4847.0	57051.	7229.5	88.241	4198.8
#2	4866.4	57270.	7283.5	91.271	4197.7
#3	4852.9	57214.	7289.1	92.258	4214.7

Sample Name: K2213-07A Acquired: 4/3/2019 18:45:33 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73309	2.0003	1.2169	1.7529	.18156	117.45	.78131	.19535	.20466
Stddev	.00454	.0031	.0056	.0018	.00141	.20	.00275	.00014	.00042
%RSD	.61988	.15661	.45735	.10368	.77629	.16679	.35156	.07011	.20684

#1	.73709	2.0013	1.2228	1.7513	.18079	117.44	.78425	.19521	.20430
#2	.73402	1.9968	1.2117	1.7549	.18319	117.25	.77881	.19536	.20513
#3	.72815	2.0028	1.2161	1.7525	.18071	117.65	.78086	.19548	.20456

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.556	.55795	.34971	.66134	211.41	5.3491	47.691	.74938	.04850
Stddev	.068	.00170	.00095	.00132	.55	.0045	.174	.00177	.00071
%RSD	.28830	.30518	.27166	.19958	.26001	.08425	.36491	.23614	1.4677

#1	23.613	.55982	.35060	.66247	211.73	5.3542	47.598	.75101	.04870
#2	23.481	.55755	.34982	.66165	210.78	5.3476	47.584	.74750	.04908
#3	23.573	.55649	.34871	.65989	211.73	5.3456	47.892	.74965	.04770

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3282	.61830	1.2544	18.425	.35432	.41758	.68979	6.6216	.74050
Stddev	.0294	.00141	.0012	.115	.00084	.01016	.00333	.0738	.00078
%RSD	.55183	.22823	.09468	.62408	.23604	2.4335	.48317	1.1147	.10486

#1	5.3574	.61706	1.2533	18.426	.35528	.42345	.68829	6.6710	.74090
#2	5.2986	.61983	1.2543	18.309	.35386	.40585	.69360	6.6570	.73960
#3	5.3287	.61802	1.2556	18.539	.35380	.42345	.68747	6.5367	.74099

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	Cts/S
Avg	4.0435	.29645	F 10.80	.06837	1.7092	Z *****
Stddev	.0079	.00076	.00	.00109	.0436	-----
%RSD	.19434	.25569	.0409	1.5884	2.5520	-----

#1	4.0510	.29653	10.80	.06962	1.7556	Z 3296.1
#2	4.0442	.29716	10.79	.06780	1.7031	Z 3321.9
#3	4.0353	.29565	10.80	.06768	1.6690	Z 3310.5

Sample Name: K2213-07A Acquired: 4/3/2019 18:45:33 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4809.4	56542.	7144.0	89.165	4154.3
Stddev	5.5	84.	22.7	.990	6.1
%RSD	.11389	.14833	.31777	1.1108	.14594
#1	4815.1	56465.	7119.7	88.919	4161.3
#2	4808.9	56632.	7147.4	88.321	4150.7
#3	4804.2	56530.	7164.8	90.256	4151.0

Sample Name: K2214-03 Acquired: 4/3/2019 18:50:01 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03490	.01085	.69906	-.04815	.00907	144.03	.53428	.00606
Stddev	.00240	.00121	.00141	.00182	.00283	.50	.00066	.00007
%RSD	6.8647	11.120	.20174	3.7842	31.222	.34589	.12392	1.1347

#1	.03340	.00958	.69806	-.04891	.01113	143.75	.53365	.00599
#2	.03364	.01198	.70067	-.04948	.00584	144.60	.53422	.00612
#3	.03766	.01098	.69844	-.04608	.01023	143.73	.53497	.00609

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	17.256	.16259	.10544	.30463	225.26	3.0919	21.353
Stddev	.00020	.078	.00144	.00055	.00251	1.47	.0097	.099
%RSD	47.405	.44994	.88504	.51711	.82416	.65138	.31461	.46331

#1	-.00019	17.324	.16147	.10486	.30716	223.87	3.0892	21.240
#2	-.00050	17.172	.16209	.10595	.30460	225.11	3.0838	21.420
#3	-.00055	17.271	.16421	.10550	.30214	226.79	3.1027	21.401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16763	-.01929	8.3938	.30833	.51707	6.2589	.00467	.11575
Stddev	.00033	.00026	.0212	.00171	.00038	.0343	.00019	.00513
%RSD	.19455	1.3729	.25290	.55551	.07335	.54868	4.1663	4.4285

#1	.16741	-.01913	8.3778	.30636	.51709	6.2742	.00445	.11610
#2	.16748	-.01960	8.4179	.30917	.51669	6.2829	.00483	.11045
#3	.16801	-.01915	8.3858	.30946	.51744	6.2196	.00472	.12069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86121	5.0232	.05610	2.0874	.09102	7.618	-.06488	1.5347
Stddev	.00394	.0739	.00068	.0066	.00184	.013	.00167	.2608
%RSD	.45778	1.4713	1.2132	.31645	2.0204	.1762	2.5735	16.993

#1	.85740	5.0763	.05574	2.0910	.09313	7.607	-.06310	1.7816
#2	.86527	4.9388	.05568	2.0798	.09012	7.633	-.06511	1.5605
#3	.86094	5.0545	.05689	2.0915	.08980	7.615	-.06641	1.2620

Sample Name: K2214-03 Acquired: 4/3/2019 18:50:01 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 3321.8
#2	Z 3348.7
#3	Z 3362.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4802.3	56198.	7232.1	89.879	4220.0
Stddev	12.9	39.	46.9	1.436	.2
%RSD	.26951	.06906	.64822	1.5980	.00522

#1	4788.2	56241.	7209.4	88.251	4219.9
#2	4805.1	56188.	7286.0	90.969	4220.2
#3	4813.6	56166.	7200.9	90.415	4219.8

Sample Name: K2214-07 Acquired: 4/3/2019 18:54:27 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03141	.00643	.11170	-.05359	.00665	136.21	.84305	.00837
Stddev	.00321	.00140	.00114	.00379	.00241	.43	.00345	.00012
%RSD	10.229	21.743	1.0215	7.0730	36.295	.31523	.40966	1.3949

#1	.03104	.00684	.11127	-.05558	.00731	135.73	.83949	.00840
#2	.02839	.00487	.11300	-.04922	.00866	136.36	.84639	.00824
#3	.03478	.00758	.11084	-.05597	.00397	136.54	.84327	.00847

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	13.809	.17619	.16738	.18529	230.52	6.7866	30.040
Stddev	.00028	.131	.00053	.00056	.00088	.71	.0084	.076
%RSD	10.623	.94745	.30201	.33424	.47662	.30782	.12393	.25181

#1	.00284	13.814	.17561	.16796	.18615	230.01	6.7804	30.075
#2	.00233	13.937	.17629	.16735	.18439	231.33	6.7962	30.092
#3	.00281	13.675	.17666	.16684	.18533	230.23	6.7832	29.953

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21051	-.01984	4.5532	.33000	.54082	9.8727	.00083	.11521
Stddev	.00062	.00014	.0251	.00030	.00124	.0018	.00007	.01044
%RSD	.29506	.69225	.55148	.08995	.22899	.01803	8.0800	9.0610

#1	.21034	-.01989	4.5689	.33027	.54223	9.8720	.00076	.12714
#2	.20999	-.01968	4.5665	.33005	.53990	9.8714	.00089	.10775
#3	.21120	-.01994	4.5243	.32969	.54034	9.8748	.00085	.11075

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56304	9.8800	.00959	3.6739	.09980	5.938	-.12923	<.00000
Stddev	.00495	.1049	.00068	.0056	.00070	.037	.00084	.25827
%RSD	.87979	1.0620	7.1170	.15187	.69888	.6216	.65107	13.295

#1	.56327	9.9762	.00944	3.6680	.09909	5.960	-.12861	-1.8432
#2	.55797	9.8958	.01034	3.6791	.10049	5.895	-.13019	-1.7488
#3	.56787	9.7681	.00900	3.6746	.09981	5.959	-.12890	-2.2358

Sample Name: K2214-07 Acquired: 4/3/2019 18:54:27 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 3519.1
 #2 z 3552.1
 #3 z 3542.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5175.2	60760.	7813.6	88.763	4140.0
Stddev	7.9	171.	67.9	3.006	7.7
%RSD	.15245	.28144	.86862	3.3867	.18495

#1	5166.5	60688.	7766.7	85.321	4131.5
#2	5176.9	60636.	7782.7	90.877	4142.0
#3	5182.0	60955.	7891.4	90.089	4146.4

Sample Name: K2221-01 Acquired: 4/3/2019 18:59:03 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10B(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03007	.00861	.25375	-.03989	.00912	134.42	.74990	.00652
Stddev	.00121	.00051	.00238	.00227	.00190	.26	.00340	.00007
%RSD	4.0300	5.9339	.93898	5.6786	20.863	.19235	.45288	1.0938
#1	.02869	.00840	.25101	-.03800	.01132	134.30	.74933	.00650
#2	.03094	.00919	.25533	-.04240	.00794	134.72	.75354	.00646
#3	.03060	.00823	.25491	-.03926	.00811	134.25	.74682	.00660
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	8.7566	.26636	.11296	.43044	197.37	5.2113	37.697
Stddev	.00030	.0459	.00317	.00080	.00109	.41	.0158	.144
%RSD	122.71	.52470	1.1888	.70456	.25256	.20619	.30313	.38091
#1	.00012	8.7375	.26982	.11255	.42975	197.84	5.2282	37.576
#2	.00058	8.7233	.26361	.11388	.43169	197.12	5.1969	37.855
#3	.00002	8.8090	.26566	.11246	.42988	197.16	5.2086	37.659
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23984	-.01587	.89222	.37020	.54653	11.110	.00240	.10800
Stddev	.00104	.00063	.02058	.00334	.00016	.068	.00006	.00376
%RSD	.43256	3.9812	2.3063	.90093	.02873	.61535	2.6266	3.4798
#1	.23870	-.01602	.90738	.37404	.54636	11.033	.00233	.10899
#2	.24073	-.01641	.90048	.36805	.54667	11.165	.00242	.11116
#3	.24011	-.01517	.86879	.36851	.54654	11.131	.00245	.10384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85786	4.9408	.01985	4.6286	.09451	5.302	-.11702	.39604
Stddev	.00276	.0157	.00082	.0063	.00058	.033	.00037	.14863
%RSD	.32120	.31758	4.1216	.13547	.61843	.6296	.31336	37.529
#1	.85469	4.9575	.02036	4.6273	.09427	5.278	-.11744	.42361
#2	.85968	4.9264	.01891	4.6231	.09409	5.340	-.11675	.52896
#3	.85922	4.9386	.02029	4.6354	.09518	5.288	-.11687	.23556

Sample Name: K2221-01 Acquired: 4/3/2019 18:59:03 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10B(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 3047.2
#2	z 3031.0
#3	z 3033.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4824.4	56412.	7181.3	89.413	4198.0
Stddev	7.1	206.	36.9	1.003	5.4
%RSD	.14819	.36453	.51354	1.1223	.12792

#1	4816.1	56176.	7159.1	90.465	4194.4
#2	4828.7	56500.	7223.8	88.466	4195.5
#3	4828.4	56558.	7160.8	89.309	4204.2

Sample Name: CCV07 Acquired: 4/3/2019 19:03:39 Type: Unk
Method: P4-ICP2(v3017) 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	5.2244	5.0947	5.2805	5.2531	5.2755	10.263	10.153	.26484
Stddev	.0144	.0187	.0135	.0256	.0136	.038	.017	.00064
%RSD	.27595	.36752	.25558	.48824	.25844	.36559	.17230	.24051
#1	5.2124	5.0769	5.2657	5.2459	5.2605	10.270	10.151	.26470
#2	5.2202	5.0931	5.2837	5.2318	5.2788	10.223	10.137	.26553
#3	5.2404	5.1142	5.2921	5.2815	5.2872	10.297	10.171	.26428
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5594	25.307	.99916	2.6601	1.2767	5.0295	2.4880	25.623
Stddev	.0060	.035	.00180	.0045	.0038	.0069	.0047	.104
%RSD	.23492	.13840	.18062	.17025	.29844	.13806	.19040	.40576
#1	2.5527	25.347	.99902	2.6549	1.2723	5.0283	2.4934	25.643
#2	2.5614	25.286	.99743	2.6621	1.2781	5.0370	2.4850	25.511
#3	2.5642	25.287	1.0010	2.6633	1.2795	5.0232	2.4855	25.716
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5276	1.2799	25.753	2.4871	2.6740	24.277	5.0039	4.8781
Stddev	.0047	.0013	.181	.0057	.0043	.060	.0099	.0130
%RSD	.18779	.09842	.70430	.22978	.15944	.24862	.19746	.26583
#1	2.5222	1.2812	25.962	2.4922	2.6701	24.288	4.9949	4.8927
#2	2.5299	1.2786	25.653	2.4809	2.6734	24.212	5.0023	4.8681
#3	2.5308	1.2799	25.643	2.4882	2.6786	24.331	5.0145	4.8733
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0194	5.0006	5.2603	5.1878	4.8276	5.218	5.1994	F 9.1444
Stddev	.0063	.0397	.0135	.0228	.0175	.012	.0038	.1051
%RSD	.12593	.79327	.25695	.43874	.36241	.2205	.07373	1.1499
#1	5.0133	4.9592	5.2449	5.1629	4.8080	5.210	5.1990	9.1254
#2	5.0191	5.0383	5.2654	5.2075	4.8333	5.213	5.2034	9.0500
#3	5.0259	5.0042	5.2705	5.1931	4.8415	5.231	5.1957	9.2577

Sample Name: CCV07 Acquired: 4/3/2019 19:03:39 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1869.2
#2	z 1866.5
#3	z 1877.0

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4269.0	49248.	6231.1	87.927	4193.0
Stddev	1.3	154.	20.9	.512	2.0
%RSD	.03012	.31234	.33567	.58214	.04796

#1	4267.8	49073.	6243.6	87.349	4191.2
#2	4268.9	49358.	6206.9	88.324	4192.6
#3	4270.4	49314.	6242.7	88.107	4195.2

Sample Name: CCB07 Acquired: 4/3/2019 19:07:45 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118549BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	.00065	.00050	.00200	-.00016	-.00394	.00138	-.00073
Stddev	.00260	.00007	.00080	.00188	.00107	.00217	.00046	.00006
%RSD	91.823	11.095	160.86	94.216	652.46	54.920	33.108	8.3250

#1	.00421	.00073	-.00028	.00284	.00029	-.00187	.00154	-.00066
#2	.00446	.00063	.00045	.00331	.00060	-.00377	.00087	-.00078
#3	-.00017	.00059	.00132	-.00016	-.00139	-.00619	.00174	-.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00012	-.00119	.00034	-.00013	.00263	-.00012	.01344
Stddev	.00002	.00566	.00029	.00014	.00015	.00034	.00004	.06598
%RSD	24.852	4794.9	24.578	42.073	110.65	12.966	35.104	491.10

#1	-.00010	.00627	-.00115	.00017	-.00004	.00292	-.00010	-.04664
#2	-.00006	-.00450	-.00150	.00041	-.00006	.00272	-.00008	.08405
#3	-.00007	-.00212	-.00092	.00043	-.00031	.00225	-.00016	.00290

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	-.00066	.02753	-.00292	-.00012	.06008	-.00004	-.01056
Stddev	.00044	.00036	.01168	.00034	.00008	.00809	.00034	.00581
%RSD	24.514	53.714	42.425	11.666	65.052	13.460	930.42	54.963

#1	-.00205	-.00052	.01545	-.00253	-.00005	.05552	.00034	-.01714
#2	-.00207	-.00107	.02837	-.00314	-.00012	.05530	-.00032	-.00840
#3	-.00129	-.00040	.03877	-.00309	-.00021	.06941	-.00013	-.00615

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00530	-.00092	.00014	-.00080	-.00319	F .2433	-.00228	F 7.0644
Stddev	.00450	.00213	.00031	.00186	.00125	.0004	.00008	.2944
%RSD	84.950	231.87	221.06	234.31	39.327	.1500	3.3182	4.1678

#1	-.00080	-.00187	-.00022	-.00023	-.00456	.2429	-.00226	6.9762
#2	-.00529	-.00241	.00035	-.00288	-.00211	.2433	-.00221	6.8241
#3	-.00981	.00152	.00029	.00072	-.00289	.2436	-.00236	7.3928

Sample Name: CCB07 Acquired: 4/3/2019 19:07:45 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118549BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1661.9
#2	Z 1666.3
#3	Z 1664.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4410.3	50677.	6310.5	89.786	4638.7
Stddev	6.1	97.	59.6	.961	2.4
%RSD	.13756	.19086	.94446	1.0700	.05268

#1	4404.1	50642.	6283.8	90.783	4638.8
#2	4410.7	50602.	6268.9	88.867	4641.1
#3	4416.2	50786.	6378.8	89.708	4636.2

Sample Name: K2221-03 Acquired: 4/3/2019 19:12:14 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02952	.00978	.56609	-.06418	.01519	76.805	.78809	.00605
Stddev	.00147	.00127	.00264	.00281	.00060	.830	.00803	.00007
%RSD	4.9721	12.999	.46656	4.3826	3.9710	1.0808	1.0188	1.1588

#1	.02950	.01108	.56683	-.06419	.01452	76.026	.78101	.00613
#2	.02806	.00854	.56829	-.06137	.01535	77.678	.79681	.00602
#3	.03100	.00971	.56316	-.06699	.01570	76.712	.78644	.00601

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00460	65.980	.18191	.10242	.77534	271.56	6.0075	46.047
Stddev	.00009	.382	.00098	.00084	.00142	2.10	.0443	.405
%RSD	1.8656	.57892	.53788	.81797	.18261	.77445	.73815	.87900

#1	.00458	66.264	.18265	.10157	.77662	270.26	5.9713	45.681
#2	.00469	66.130	.18080	.10325	.77558	273.99	6.0570	46.482
#3	.00452	65.546	.18230	.10245	.77382	270.44	5.9943	45.979

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21897	-.02454	1.9451	.25826	1.0904	11.930	.01165	.28652
Stddev	.00074	.00023	.0302	.00215	.0010	.078	.00016	.00446
%RSD	.33940	.93056	1.5517	.83138	.09339	.65737	1.3342	1.5566

#1	.21920	-.02438	1.9162	.25959	1.0894	11.850	.01172	.28740
#2	.21958	-.02444	1.9764	.25578	1.0906	12.007	.01176	.29048
#3	.21815	-.02480	1.9428	.25941	1.0914	11.932	.01147	.28169

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3341	2.8274	.04002	2.9142	.09949	4.796	-.09789	.77208
Stddev	.0058	.0512	.00015	.0035	.00153	.022	.00243	.30920
%RSD	.43677	1.8123	.37671	.12063	1.5353	.4596	2.4872	40.047

#1	1.3359	2.8692	.03986	2.9103	.10123	4.795	-.09528	1.0834
#2	1.3389	2.7703	.04016	2.9152	.09887	4.819	-.10009	.76789
#3	1.3276	2.8428	.04004	2.9171	.09838	4.775	-.09831	.46500

Sample Name: K2221-03 Acquired: 4/3/2019 19:12:14 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 3720.5
#2	z 3693.5
#3	z 3770.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4597.0	53843.	6929.6	87.383	4077.8
Stddev	11.1	369.	79.1	.583	8.0
%RSD	.24224	.68504	1.1408	.66669	.19629

#1	4606.1	53989.	6845.0	87.932	4079.2
#2	4600.3	53424.	6942.4	86.772	4085.0
#3	4584.6	54117.	7001.5	87.446	4069.1

Sample Name: K2222-01 Acquired: 4/3/2019 19:16:41 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1-4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03868	.00653	4.6131	-.01519	.01563	19.910	1.8188	.00131
Stddev	.00056	.00059	.0014	.00030	.00215	.101	.0062	.00006
%RSD	1.4432	8.9720	.02942	1.9657	13.778	.50933	.34248	4.4569
#1	.03930	.00591	4.6133	-.01545	.01572	20.000	1.8247	.00125
#2	.03822	.00661	4.6116	-.01486	.01774	19.800	1.8123	.00130
#3	.03852	.00708	4.6143	-.01525	.01343	19.930	1.8193	.00137
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	24.342	.11508	.02998	.83529	111.96	1.0907	6.4313
Stddev	.00016	.055	.00023	.00057	.00031	.18	.0034	.0216
%RSD	6.3122	.22480	.19563	1.9036	.03738	.16512	.31077	.33612
#1	.00236	24.393	.11509	.02960	.83560	112.04	1.0901	6.4137
#2	.00260	24.284	.11530	.02970	.83529	111.75	1.0943	6.4554
#3	.00267	24.349	.11485	.03063	.83497	112.09	1.0876	6.4247
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12197	-.00078	2.5808	.10363	3.0005	3.3839	.01499	.09147
Stddev	.00041	.00022	.0215	.00058	.0034	.0353	.00026	.01263
%RSD	.33750	27.710	.83148	.55578	.11319	1.0425	1.7554	13.806
#1	.12156	-.00103	2.5851	.10400	2.9995	3.4217	.01529	.09519
#2	.12196	-.00067	2.5997	.10392	2.9978	3.3520	.01490	.10182
#3	.12239	-.00064	2.5575	.10297	3.0043	3.3779	.01479	.07740
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9054	1.7315	.71005	.65396	.02018	3.773	.02391	4.1251
Stddev	.0472	.0300	.00441	.00491	.00061	.019	.00027	.1513
%RSD	.53049	1.7307	.62042	.75102	3.0088	.5153	1.1324	3.6665
#1	8.8966	1.7001	.70701	.65934	.02023	3.776	.02414	4.2365
#2	8.8631	1.7346	.70805	.64973	.01955	3.753	.02361	3.9529
#3	8.9564	1.7598	.71511	.65280	.02076	3.791	.02397	4.1859

Sample Name: K2222-01 Acquired: 4/3/2019 19:16:41 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 2365.6
 #2 z 2374.5
 #3 z 2364.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4557.0	53384.	6709.2	94.155	4578.6
Stddev	5.6	87.	19.7	.380	5.4
%RSD	.12225	.16383	.29419	.40337	.11722

#1	4562.9	53465.	6731.7	93.812	4584.5
#2	4556.2	53291.	6694.8	94.089	4574.1
#3	4551.9	53396.	6701.1	94.563	4577.1

Sample Name: K2227-01 Acquired: 4/3/2019 19:21:00 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09152	.01063	.69920	-.06019	.00729	160.89	1.7930	.00538
Stddev	.00658	.00136	.00218	.00584	.00104	.28	.0014	.00016
%RSD	7.1921	12.836	.31249	9.7090	14.202	.17690	.07834	3.0619
#1	.09824	.00914	.69960	-.05790	.00611	160.86	1.7928	.00545
#2	.08509	.01094	.70116	-.06683	.00776	160.62	1.7944	.00550
#3	.09122	.01181	.69685	-.05584	.00802	161.19	1.7916	.00519
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	F 2080.6	F 2.0536	.08420	.88814	177.52	6.5155	102.90
Stddev	.00009	6.2	.0021	.00079	.00417	.78	.0421	.08
%RSD	2.0720	.29960	.10415	.94211	.46938	.43945	.64671	.07910
#1	.00439	2074.2	2.0554	.08369	.89163	177.94	6.5203	102.80
#2	.00457	2086.7	2.0541	.08511	.88927	177.99	6.5550	102.95
#3	.00444	2080.8	2.0512	.08380	.88353	176.61	6.4711	102.94
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71874	-.01635	7.7989	1.1674	2.2546	14.279	.15062	.22891
Stddev	.00246	.00014	.0134	.0029	.0057	.076	.00041	.00432
%RSD	.34282	.82960	.17130	.24670	.25154	.53516	.26939	1.8854
#1	.71800	-.01643	7.7883	1.1657	2.2519	14.239	.15046	.22397
#2	.72148	-.01642	7.7945	1.1658	2.2611	14.231	.15108	.23195
#3	.71672	-.01619	7.8139	1.1707	2.2508	14.368	.15031	.23081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.677	1.1039	.05709	8.1847	.16803	3.283	.99803	9.1719
Stddev	.282	.0086	.00056	.0545	.00028	.014	.00738	.1631
%RSD	.40514	.77627	.98526	.66585	.16719	.4129	.73968	1.7788
#1	69.421	1.0942	.05721	8.1223	.16793	3.276	.98951	9.3544
#2	69.980	1.1072	.05758	8.2092	.16782	3.299	1.0026	9.0404
#3	69.630	1.1103	.05648	8.2227	.16835	3.275	1.0020	9.1208

Sample Name: K2227-01 Acquired: 4/3/2019 19:21:00 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 4670.6
#2	Z 4658.1
#3	Z 4722.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.2	46263.	6402.1	78.045	3302.0
Stddev	4.4	182.	24.9	2.548	7.6
%RSD	.11201	.39299	.38840	3.2643	.22956

#1	3902.2	46087.	6418.3	79.944	3305.9
#2	3893.9	46253.	6373.5	75.150	3293.2
#3	3895.5	46450.	6414.6	79.042	3306.8

Sample Name: K2227-03 Acquired: 4/3/2019 19:25:43 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08642	.01247	.88749	-.08137	.00938	153.94	1.7597	.00569
Stddev	.00055	.00230	.00390	.00617	.00210	.69	.0017	.00009
%RSD	.63383	18.454	.43943	7.5820	22.355	.44726	.09362	1.5352
#1	.08595	.01319	.88409	-.07908	.00849	153.15	1.7586	.00573
#2	.08627	.01432	.88663	-.07668	.01178	154.31	1.7616	.00574
#3	.08702	.00989	.89175	-.08836	.00789	154.37	1.7590	.00559
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00704	F 1972.4	1.9497	.09811	1.0389	226.61	6.7125	95.379
Stddev	.00005	2.6	.0019	.00040	.0036	.78	.0710	.322
%RSD	.64924	.13234	.09974	.40557	.34217	.34528	1.0575	.33718
#1	.00701	1969.8	1.9479	.09768	1.0428	227.21	6.6607	95.020
#2	.00710	1972.5	1.9517	.09817	1.0360	226.88	6.7934	95.641
#3	.00702	1975.0	1.9494	.09847	1.0377	225.72	6.6834	95.476
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73805	-.02368	8.6747	1.1779	2.3100	16.604	.16250	.22671
Stddev	.00101	.00049	.0284	.0039	.0049	.127	.00084	.01353
%RSD	.13671	2.0506	.32701	.33381	.21071	.76577	.51969	5.9701
#1	.73689	-.02312	8.6421	1.1772	2.3045	16.465	.16346	.21301
#2	.73861	-.02392	8.6879	1.1821	2.3139	16.715	.16213	.24008
#3	.73865	-.02400	8.6940	1.1744	2.3115	16.633	.16190	.22703
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.733	.98231	.05398	7.3621	.15690	4.366	.92063	7.5900
Stddev	.405	.00636	.00274	.0070	.00024	.023	.00294	.2526
%RSD	.54207	.64699	5.0699	.09511	.15073	.5314	.31944	3.3277
#1	74.528	.98789	.05690	7.3547	.15681	4.349	.92003	7.5955
#2	75.199	.97539	.05357	7.3686	.15717	4.393	.92382	7.3347
#3	74.471	.98365	.05147	7.3628	.15672	4.358	.91803	7.8397

Sample Name: K2227-03 Acquired: 4/3/2019 19:25:43 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 5031.1
#2	Z 5031.3
#3	Z 4993.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.3	47203.	6521.3	77.604	3262.8
Stddev	6.9	98.	24.9	1.375	6.1
%RSD	.17568	.20793	.38135	1.7718	.18826

#1	3933.6	47249.	6508.9	79.013	3269.0
#2	3947.0	47091.	6505.1	77.534	3262.7
#3	3937.5	47270.	6550.0	76.265	3256.7

Sample Name: K2227-05 Acquired: 4/3/2019 19:30:24 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08606	.00835	.65954	-.05689	.00614	161.88	1.6495	.00496
Stddev	.00433	.00042	.00240	.00052	.00253	.37	.0025	.00008
%RSD	5.0304	4.9928	.36427	.90942	41.223	.22936	.15093	1.5346
#1	.08909	.00845	.65799	-.05662	.00379	162.28	1.6522	.00488
#2	.08110	.00789	.66231	-.05656	.00581	161.54	1.6472	.00502
#3	.08799	.00870	.65833	-.05749	.00883	161.82	1.6492	.00499
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00465	F 1964.6	1.9102	.09503	.91372	170.68	6.3664	108.19
Stddev	.00005	21.6	.0022	.00067	.00629	.41	.0318	.13
%RSD	1.0683	1.0991	.11634	.70278	.68855	.23752	.49942	.11562
#1	.00460	1947.6	1.9090	.09471	.90886	170.99	6.3465	108.24
#2	.00466	1988.9	1.9088	.09459	.92082	170.22	6.3496	108.05
#3	.00470	1957.3	1.9128	.09580	.91147	170.83	6.4031	108.28
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67598	-.01482	8.5263	1.1767	1.9503	17.904	.12940	.21798
Stddev	.00074	.00101	.0136	.0046	.0028	.064	.00039	.00904
%RSD	.11020	6.8246	.15958	.39245	.14431	.35588	.30384	4.1450
#1	.67682	-.01429	8.5419	1.1814	1.9486	17.916	.12895	.22552
#2	.67539	-.01598	8.5196	1.1722	1.9487	17.835	.12965	.22047
#3	.67574	-.01418	8.5173	1.1765	1.9535	17.961	.12961	.20797
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 67.480	.94800	.04684	F 10.385	.18594	5.835	.90565	7.4019
Stddev	.243	.01381	.00131	.025	.00120	.011	.00242	.5467
%RSD	.35993	1.4566	2.7933	.24310	.64295	.1871	.26725	7.3861
#1	67.224	.93719	.04772	10.383	.18727	5.825	.90448	7.8874
#2	67.510	.96355	.04747	10.411	.18495	5.833	.90844	6.8097
#3	67.707	.94324	.04534	10.361	.18559	5.847	.90404	7.5087

Sample Name: K2227-05 Acquired: 4/3/2019 19:30:24 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 4659.5
#2	Z 4742.2
#3	Z 4656.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.1	48089.	6653.8	78.572	3300.9
Stddev	9.8	103.	10.5	1.680	1.1
%RSD	.24367	.21501	.15744	2.1377	.03430

#1	4035.6	48012.	6663.0	78.756	3301.6
#2	4035.3	48207.	6642.4	76.808	3301.4
#3	4052.5	48049.	6656.1	80.152	3299.6

Sample Name: K2227-07 Acquired: 4/3/2019 19:35:06 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08103	.00827	.70250	-.07137	.01057	148.29	1.6418	.00546
Stddev	.00051	.00144	.00170	.00289	.00175	.50	.0076	.00016
%RSD	.62960	17.437	.24137	4.0536	16.522	.33594	.46523	2.8402
#1	.08116	.00758	.70425	-.06807	.01244	147.78	1.6396	.00531
#2	.08147	.00730	.70086	-.07343	.01029	148.77	1.6502	.00546
#3	.08047	.00992	.70241	-.07263	.00898	148.31	1.6354	.00562
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00786	F 1929.6	1.8895	.10594	1.0518	207.11	6.5724	102.87
Stddev	.00024	17.0	.0056	.00012	.0004	.55	.0251	.50
%RSD	3.1159	.87851	.29628	.11412	.03853	.26742	.38131	.48809
#1	.00762	1910.1	1.8950	.10595	1.0519	207.72	6.5938	102.34
#2	.00786	1938.7	1.8896	.10606	1.0514	206.63	6.5448	103.33
#3	.00811	1940.0	1.8838	.10582	1.0522	206.98	6.5785	102.95
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81140	-.02176	8.3976	1.1154	2.4490	20.303	.16829	.21141
Stddev	.00186	.00033	.0312	.0009	.0074	.103	.00043	.02278
%RSD	.22868	1.5183	.37135	.07836	.30186	.50643	.25615	10.774
#1	.81145	-.02151	8.3879	1.1149	2.4514	20.191	.16780	.20958
#2	.80952	-.02214	8.4325	1.1164	2.4407	20.394	.16862	.23504
#3	.81323	-.02164	8.3724	1.1149	2.4548	20.324	.16844	.18960
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.964	1.0662	.06086	8.1027	.15969	7.496	.89503	5.5785
Stddev	.434	.0033	.00034	.0167	.00089	.020	.00401	.1402
%RSD	.62926	.30565	.56626	.20570	.55482	.2597	.44787	2.5129
#1	69.403	1.0638	.06049	8.0837	.15931	7.515	.89046	5.5617
#2	68.535	1.0699	.06117	8.1096	.15905	7.477	.89672	5.4475
#3	68.954	1.0649	.06092	8.1149	.16070	7.494	.89792	5.7263

Sample Name: K2227-07 Acquired: 4/3/2019 19:35:06 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 5026.7
#2	z 5072.7
#3	z 5049.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4200.3	49953.	6819.2	76.885	3269.4
Stddev	3.4	147.	24.4	.575	7.9
%RSD	.08155	.29360	.35787	.74843	.24296

#1	4203.9	49808.	6807.1	77.549	3268.0
#2	4199.8	49950.	6847.3	76.533	3278.0
#3	4197.1	50101.	6803.2	76.572	3262.3

Sample Name: K2197-01 Acquired: 4/3/2019 19:39:47 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03296	.00972	.37200	-.05710	.01050	160.07	.57284	.00748
Stddev	.00256	.00148	.00036	.00134	.00314	.58	.00315	.00006
%RSD	7.7648	15.210	.09545	2.3478	29.888	.36213	.55004	.81016

#1	.03397	.01142	.37160	-.05609	.00733	159.98	.57154	.00751
#2	.03005	.00878	.37211	-.05660	.01360	160.68	.57643	.00752
#3	.03485	.00895	.37229	-.05863	.01055	159.53	.57054	.00741

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	189.76	.18640	.12843	.29120	227.74	3.8251	70.582
Stddev	.00023	1.40	.00005	.00106	.00187	.21	.0080	.292
%RSD	7.9635	.73732	.02888	.82544	.64061	.09338	.20998	.41394

#1	.00299	188.96	.18639	.12791	.28922	227.95	3.8273	70.518
#2	.00259	188.94	.18645	.12773	.29147	227.53	3.8162	70.901
#3	.00299	191.37	.18635	.12965	.29292	227.75	3.8318	70.327

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20895	-.02238	14.743	.41528	.77376	8.1748	.00630	.25707
Stddev	.00125	.00039	.090	.00113	.00011	.0359	.00015	.01261
%RSD	.59993	1.7553	.60719	.27266	.01426	.43872	2.4296	4.9053

#1	.20888	-.02270	14.725	.41547	.77387	8.2144	.00648	.25250
#2	.20773	-.02194	14.841	.41406	.77364	8.1655	.00620	.27132
#3	.21023	-.02250	14.664	.41630	.77376	8.1444	.00623	.24738

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2897	5.3573	.02256	3.4565	.13804	6.301	.37937	2.0950
Stddev	.0211	.0952	.00114	.0093	.00081	.026	.00392	.2406
%RSD	.39961	1.7762	5.0435	.26938	.58683	.4155	1.0339	11.483

#1	5.2971	5.3620	.02148	3.4462	.13730	6.313	.37826	2.0498
#2	5.2659	5.2599	.02245	3.4590	.13890	6.271	.37612	2.3550
#3	5.3062	5.4500	.02375	3.4643	.13790	6.319	.38372	1.8803

Sample Name: K2197-01 Acquired: 4/3/2019 19:39:47 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 3665.7
#2	z 3677.5
#3	z 3667.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4656.0	54762.	7149.6	85.634	3891.3
Stddev	9.0	124.	77.1	2.066	4.1
%RSD	.19254	.22585	1.0787	2.4131	.10490

#1	4664.2	54713.	7137.8	85.539	3891.2
#2	4646.5	54671.	7232.0	87.746	3887.3
#3	4657.4	54903.	7079.1	83.616	3895.5

Sample Name: K2197-01DUP Acquired: 4/3/2019 19:44:12 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03145	.00799	.37146	-.05233	.00880	159.78	.57159	.00745
Stddev	.00039	.00174	.00364	.00195	.00158	1.12	.00664	.00004
%RSD	1.2280	21.774	.97886	3.7209	17.941	.69804	1.1623	.52357

#1	.03137	.00666	.37565	-.05419	.01051	158.92	.56514	.00742
#2	.03112	.00734	.36945	-.05031	.00740	161.04	.57841	.00745
#3	.03187	.00996	.36927	-.05249	.00848	159.38	.57120	.00750

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	189.27	.18629	.12867	.29030	227.87	3.8340	70.580
Stddev	.00021	1.01	.00142	.00093	.00227	1.56	.0054	.339
%RSD	8.4153	.53192	.76278	.71968	.78145	.68472	.14168	.48081

#1	.00262	189.92	.18477	.12966	.29270	227.66	3.8343	70.386
#2	.00223	189.79	.18759	.12851	.28819	229.53	3.8393	70.971
#3	.00255	188.11	.18650	.12782	.29000	226.43	3.8284	70.381

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20811	-.02184	14.714	.41441	.76955	8.1483	.00613	.25629
Stddev	.00197	.00031	.118	.00309	.00097	.0638	.00016	.00971
%RSD	.94517	1.4010	.79912	.74478	.12647	.78299	2.6693	3.7883

#1	.21036	-.02152	14.625	.41194	.76974	8.0796	.00622	.25794
#2	.20669	-.02213	14.847	.41787	.76849	8.2056	.00622	.24587
#3	.20730	-.02188	14.670	.41342	.77041	8.1599	.00594	.26508

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2730	5.4199	.02150	3.4546	.13775	6.280	.37650	1.4678
Stddev	.0445	.0503	.00118	.0045	.00035	.051	.00400	.2667
%RSD	.84385	.92872	5.4658	.12901	.25269	.8069	1.0629	18.168

#1	5.3242	5.4775	.02149	3.4590	.13814	6.334	.37993	1.6479
#2	5.2509	5.3976	.02033	3.4501	.13745	6.274	.37748	1.1614
#3	5.2439	5.3844	.02268	3.4546	.13767	6.233	.37211	1.5939

Sample Name: K2197-01DUP Acquired: 4/3/2019 19:44:12 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 3678.7
#2	z 3678.5
#3	z 3675.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4652.3	54791.	7152.2	85.504	3894.9
Stddev	1.7	154.	76.7	.921	2.4
%RSD	.03634	.28050	1.0724	1.0767	.06272

#1	4654.1	54762.	7072.2	84.640	3892.7
#2	4652.1	54655.	7159.3	85.398	3897.5
#3	4650.7	54958.	7225.1	86.472	3894.4

Sample Name: K2197-01LX5 Acquired: 4/3/2019 19:48:38 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00913	.00188	.07603	-.00943	.00195	35.013	.12719	.00110
Stddev	.00239	.00089	.00119	.00216	.00077	.036	.00036	.00007
%RSD	26.203	47.314	1.5587	22.898	39.300	.10374	.28214	6.2821

#1	.01036	.00259	.07701	-.00951	.00224	35.054	.12752	.00106
#2	.01065	.00215	.07636	-.00723	.00253	34.987	.12681	.00106
#3	.00637	.00088	.07471	-.01154	.00108	34.997	.12724	.00118

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	44.681	.04194	.02594	.06776	61.295	.90808	16.076
Stddev	.00003	.176	.00026	.00036	.00066	.164	.00204	.123
%RSD	1.9422	.39308	.62671	1.4053	.96740	.26793	.22415	.76521

#1	-.00165	44.883	.04193	.02589	.06701	61.365	.90584	15.937
#2	-.00160	44.599	.04169	.02633	.06824	61.412	.90980	16.121
#3	-.00160	44.562	.04221	.02561	.06803	61.107	.90861	16.170

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04016	-.00449	3.2323	.09273	.14921	1.7953	.00119	.05344
Stddev	.00005	.00038	.0187	.00058	.00106	.0265	.00039	.00586
%RSD	.12023	8.5569	.57843	.62624	.71165	1.4744	33.106	10.969

#1	.04018	-.00411	3.2131	.09300	.14971	1.7842	.00095	.04847
#2	.04010	-.00488	3.2333	.09314	.14992	1.7763	.00164	.05990
#3	.04019	-.00449	3.2505	.09207	.14799	1.8256	.00098	.05195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0320	1.3467	.00187	.80730	.02852	1.444	.07859	7.0448
Stddev	.0080	.0118	.00007	.00343	.00193	.005	.00079	.2012
%RSD	.77998	.87779	3.7127	.42487	6.7711	.3266	1.0040	2.8556

#1	1.0285	1.3525	.00187	.81090	.02740	1.447	.07800	7.2708
#2	1.0412	1.3331	.00180	.80407	.02740	1.447	.07828	6.9781
#3	1.0263	1.3546	.00194	.80693	.03074	1.439	.07948	6.8854

Sample Name: K2197-01LX5 Acquired: 4/3/2019 19:48:38 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 2186.3
#2	z 2185.5
#3	z 2197.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4415.9	51254.	6378.7	86.921	4326.8
Stddev	5.6	117.	20.0	1.129	2.0
%RSD	.12709	.22857	.31402	1.2994	.04639

#1	4422.3	51140.	6358.8	86.199	4327.8
#2	4411.9	51247.	6378.4	88.223	4324.5
#3	4413.4	51374.	6398.8	86.343	4328.1

Sample Name: K2197-01MS Acquired: 4/3/2019 19:53:05 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75124	2.0117	1.4182	1.7388	.15562	169.19	.75000	.19944	.20877
Stddev	.00637	.0033	.0073	.0073	.00125	.50	.00398	.00018	.00058
%RSD	.84818	.16303	.51235	.42294	.80015	.29581	.53081	.09170	.27959

#1	.74538	2.0119	1.4146	1.7304	.15491	169.16	.74995	.19925	.20901
#2	.75032	2.0084	1.4133	1.7425	.15706	169.71	.75401	.19962	.20811
#3	.75802	2.0149	1.4265	1.7437	.15489	168.71	.74605	.19944	.20920

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	192.28	.53217	.35165	.55308	221.60	4.0644	78.449	.72973	.04705
Stddev	.35	.00069	.00246	.00058	.45	.0155	.306	.00357	.00026
%RSD	.18094	.12949	.69958	.10429	.20418	.38184	.38991	.48962	.54757

#1	192.57	.53137	.35236	.55242	221.19	4.0628	78.580	.73007	.04734
#2	191.89	.53252	.34891	.55341	222.08	4.0807	78.667	.72601	.04686
#3	192.37	.53260	.35368	.55342	221.53	4.0498	78.099	.73313	.04694

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.796	.67151	.99716	16.916	.34003	.56258	5.0996	6.4307	.75299
Stddev	.032	.00229	.00280	.039	.00172	.01515	.0232	.0406	.00404
%RSD	.18205	.34154	.28037	.22880	.50540	2.6933	.45407	.63103	.53591

#1	17.811	.67269	.99968	16.918	.33804	.55979	5.0738	6.4756	.75274
#2	17.818	.66886	.99415	16.954	.34094	.57893	5.1065	6.3966	.74909
#3	17.759	.67296	.99765	16.876	.34109	.54902	5.1186	6.4199	.75715

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	Cts/S
Avg	4.0495	.32146	F 12.11	.54381	2.1477	Z *****
Stddev	.0030	.00092	.05	.00306	.3876	-----
%RSD	.07440	.28502	.3885	.56342	18.047	-----

#1	4.0490	.32248	12.16	.54580	2.1520	Z 3676.4
#2	4.0468	.32121	12.07	.54028	1.7580	Z 3685.9
#3	4.0528	.32070	12.09	.54536	2.5332	Z 3700.2

Sample Name: K2197-01MS Acquired: 4/3/2019 19:53:05 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 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	4651.8	54872.	7020.0	83.198	3857.4
Stddev	5.9	226.	23.7	1.290	11.8
%RSD	.12707	.41174	.33757	1.5507	.30477
#1	4645.4	54767.	6994.0	81.786	3844.3
#2	4653.0	54718.	7040.2	83.492	3867.0
#3	4657.0	55131.	7026.0	84.316	3860.8

Sample Name: CCV08 Acquired: 4/3/2019 19:57:23 Type: Unk
Method: P4-ICP2(v3017) 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	5.2220	5.1105	5.2972	5.2509	5.2548	10.105	9.9214	.26497
Stddev	.0041	.0025	.0115	.0051	.0083	.031	.0742	.00099
%RSD	.07820	.04812	.21775	.09650	.15719	.30566	.74789	.37391
#1	5.2258	5.1104	5.2936	5.2452	5.2608	10.131	9.9070	.26539
#2	5.2177	5.1131	5.2879	5.2549	5.2453	10.113	10.002	.26383
#3	5.2224	5.1081	5.3101	5.2527	5.2581	10.071	9.8555	.26568
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5715	25.460	1.0012	2.6701	1.2765	5.0413	2.4869	25.578
Stddev	.0009	.081	.0030	.0020	.0020	.0099	.0060	.088
%RSD	.03444	.31625	.29615	.07614	.15922	.19630	.23974	.34305
#1	2.5716	25.551	1.0025	2.6682	1.2775	5.0465	2.4895	25.648
#2	2.5706	25.434	.99778	2.6723	1.2742	5.0299	2.4801	25.480
#3	2.5724	25.397	1.0032	2.6699	1.2779	5.0475	2.4912	25.607
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5315	1.2813	25.435	2.4927	2.6839	24.054	5.0112	4.8209
Stddev	.0027	.0011	.060	.0051	.0008	.061	.0044	.0112
%RSD	.10711	.08701	.23416	.20524	.02833	.25565	.08869	.23312
#1	2.5289	1.2817	25.375	2.4984	2.6836	24.017	5.0143	4.8097
#2	2.5312	1.2800	25.435	2.4885	2.6847	24.021	5.0061	4.8321
#3	2.5344	1.2821	25.495	2.4913	2.6833	24.125	5.0132	4.8210
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0083	5.1502	5.2765	5.1885	4.8404	5.248	5.2010	F 9.3128
Stddev	.0117	.0293	.0143	.0212	.0279	.008	.0201	.1696
%RSD	.23291	.56842	.27044	.40912	.57695	.1479	.38708	1.8207
#1	4.9976	5.1687	5.2640	5.2031	4.8437	5.249	5.2055	9.4092
#2	5.0207	5.1165	5.2921	5.1641	4.8109	5.256	5.1790	9.4121
#3	5.0065	5.1654	5.2733	5.1982	4.8665	5.240	5.2185	9.1170

Sample Name: CCV08 Acquired: 4/3/2019 19:57:23 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1911.1
#2	z 1912.3
#3	z 1915.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4260.2	49321.	6144.2	87.238	4178.9
Stddev	8.9	98.	22.8	.738	4.2
%RSD	.20969	.19934	.37078	.84552	.10107

#1	4251.6	49233.	6124.4	87.000	4174.1
#2	4269.4	49303.	6169.1	88.066	4181.9
#3	4259.6	49427.	6139.1	86.649	4180.7

Sample Name: CCB08 Acquired: 4/3/2019 20:01:30 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	-.00017	.00031	.00091	.00122	-.00887	.00139	-.00072
Stddev	.00165	.00082	.00044	.00152	.00163	.00493	.00043	.00006
%RSD	66.964	476.80	141.48	166.48	134.30	55.555	30.986	8.8278
#1	.00261	.00059	.00068	.00259	-.00064	-.00817	.00131	-.00074
#2	.00075	-.00104	-.00017	.00049	.00183	-.00433	.00101	-.00078
#3	.00405	-.00006	.00042	-.00035	.00245	-.01410	.00185	-.00065
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.01872	-.00132	.00021	-.00178	-.00450	.00023	.00905
Stddev	.00007	.00288	.00027	.00016	.00013	.00059	.00003	.05314
%RSD	67.029	15.406	20.715	79.611	7.3009	13.023	10.915	587.05
#1	-.00003	.01542	-.00102	.00023	-.00178	-.00479	.00025	-.02464
#2	-.00016	.01996	-.00155	.00003	-.00165	-.00382	.00024	.07031
#3	-.00012	.02077	-.00140	.00036	-.00191	-.00488	.00020	-.01851
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00221	-.00033	-.04155	-.00276	-.00019	-.01971	.00008	-.01049
Stddev	.00030	.00019	.01428	.00016	.00015	.02905	.00002	.00995
%RSD	13.590	58.302	34.360	5.7842	79.086	147.36	26.904	94.857
#1	-.00240	-.00027	-.05778	-.00258	-.00003	.00926	.00008	.00048
#2	-.00186	-.00054	-.03094	-.00285	-.00033	-.01956	.00010	-.01893
#3	-.00236	-.00017	-.03593	-.00286	-.00023	-.04883	.00006	-.01303
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	.00015	-.00173	.00167	-.00336	F .2437	-.00215	F 7.4021
Stddev	.00284	.00175	.00033	.00049	.00181	.0013	.00006	.3975
%RSD	111.49	1188.1	18.863	29.482	53.959	.5272	2.8592	5.3697
#1	-.00384	-.00076	-.00136	.00220	-.00133	.2451	-.00212	7.4568
#2	-.00451	.00216	-.00198	.00122	-.00482	.2433	-.00222	7.7694
#3	.00071	-.00096	-.00185	.00160	-.00394	.2426	-.00210	6.9801

Sample Name: CCB08 Acquired: 4/3/2019 20:01:30 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1712.3
#2	z 1719.5
#3	z 1718.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4437.4	50927.	6207.0	89.625	4646.4
Stddev	10.6	5.	92.0	.326	19.2
%RSD	.23815	.00884	1.4817	.36405	.41252

#1	4425.5	50924.	6118.6	89.992	4626.7
#2	4440.9	50932.	6200.1	89.517	4664.9
#3	4445.8	50926.	6302.2	89.367	4647.6

Sample Name: K2197-01MSD Acquired: 4/3/2019 20:05:59 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74391	1.9921	1.4048	1.7233	.15412	167.02	.74064	.19779	.20633
Stddev	.00337	.0137	.0078	.0037	.00243	.09	.00207	.00023	.00059
%RSD	.45252	.68595	.55309	.21647	1.5779	.05239	.27963	.11704	.28626

#1	.74469	1.9765	1.3960	1.7193	.15132	166.96	.73843	.19788	.20569
#2	.74681	2.0016	1.4105	1.7240	.15575	167.12	.74254	.19797	.20645
#3	.74022	1.9983	1.4081	1.7267	.15528	166.99	.74094	.19753	.20686

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	188.92	.52425	.34760	.54964	219.51	3.9856	77.543	.72061	.04653
Stddev	1.84	.00152	.00218	.00149	.69	.0034	.370	.00395	.00062
%RSD	.97345	.29020	.62636	.27177	.31627	.08485	.47730	.54821	1.3306

#1	186.79	.52564	.34528	.54801	220.16	3.9884	77.260	.71613	.04717
#2	190.02	.52263	.34959	.55095	218.78	3.9818	77.406	.72360	.04593
#3	189.94	.52449	.34794	.54996	219.60	3.9866	77.962	.72210	.04650

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.598	.66366	.98551	16.692	.33778	.55984	5.0704	6.3422	.74438
Stddev	.054	.00089	.00290	.025	.00135	.00349	.0074	.0631	.00317
%RSD	.30608	.13340	.29463	.15054	.39855	.62317	.14520	.99442	.42629

#1	17.536	.66393	.98233	16.676	.33640	.56170	5.0657	6.2804	.74099
#2	17.631	.66268	.98803	16.721	.33909	.55582	5.0789	6.4065	.74727
#3	17.627	.66439	.98617	16.680	.33785	.56201	5.0666	6.3396	.74489

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	Cts/S			
Avg	4.0019	.31605	F 11.98	.53167	2.0935	z *****			
Stddev	.0200	.00230	.03	.00638	.2587	----			
%RSD	.50098	.72619	.2115	1.1994	12.358	----			

#1	4.0239	.31798	11.95	.52435	1.8466	z 3691.1			
#2	3.9971	.31666	12.00	.53596	2.3626	z 3714.6			
#3	3.9847	.31351	11.98	.53471	2.0714	z 3698.2			

Sample Name: K2197-01MSD Acquired: 4/3/2019 20:05:59 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 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	4738.1	55940.	7206.1	85.471	3932.5
Stddev	7.5	73.	51.8	1.275	7.7
%RSD	.15797	.12992	.71888	1.4916	.19488
#1	4734.3	55945.	7265.8	84.540	3940.2
#2	4746.7	56009.	7180.7	84.949	3932.4
#3	4733.3	55864.	7172.0	86.924	3924.9

Sample Name: K2197-01A Acquired: 4/3/2019 20:10:18 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75228	1.9948	1.4155	1.7281	.15617	168.64	.74799	.19966	.20872
Stddev	.00192	.0083	.0021	.0044	.00093	.28	.00037	.00034	.00059
%RSD	.25469	.41434	.14973	.25535	.59592	.16429	.04949	.16961	.28454
#1	.75443	2.0039	1.4168	1.7297	.15628	168.84	.74773	.19981	.20805
#2	.75164	1.9927	1.4167	1.7314	.15519	168.32	.74841	.19928	.20894
#3	.75077	1.9878	1.4130	1.7231	.15704	168.76	.74783	.19991	.20917
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	192.17	.52936	.34951	.55143	220.95	4.0311	78.387	.72439	.04689
Stddev	1.02	.00153	.00122	.00126	1.00	.0065	.092	.00085	.00040
%RSD	.53141	.28970	.34810	.22851	.45131	.16093	.11677	.11758	.85908
#1	192.55	.53039	.34890	.55059	222.02	4.0376	78.297	.72417	.04724
#2	192.95	.53010	.35091	.55288	220.78	4.0247	78.386	.72533	.04697
#3	191.01	.52760	.34872	.55082	220.05	4.0310	78.480	.72366	.04645
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.773	.67007	.99436	16.833	.33847	.56358	5.0435	6.5949	.74816
Stddev	.020	.00131	.00238	.058	.00064	.01009	.0262	.0447	.00222
%RSD	.11258	.19595	.23967	.34606	.18985	1.7905	.52029	.67801	.29681
#1	17.779	.66856	.99178	16.899	.33828	.57476	5.0735	6.6130	.74940
#2	17.751	.67096	.99485	16.811	.33919	.55515	5.0322	6.6278	.74948
#3	17.789	.67069	.99647	16.789	.33795	.56084	5.0249	6.5440	.74559
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	Cts/S			
Avg	4.0537	.31892	F 12.03	.54426	2.4598	z *****			
Stddev	.0025	.00048	.03	.00390	.2488	----			
%RSD	.06268	.15134	.2743	.71566	10.114	----			
#1	4.0511	.31930	12.07	.54656	2.2294	z 3699.2			
#2	4.0539	.31838	12.02	.54645	2.7236	z 3699.9			
#3	4.0561	.31907	12.01	.53976	2.4264	z 3687.8			

Sample Name: K2197-01A Acquired: 4/3/2019 20:10:18 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4689.9	55522.	7111.9	84.747	3897.2
Stddev	13.1	109.	52.8	1.612	6.1
%RSD	.27882	.19609	.74248	1.9024	.15777
#1	4699.7	55397.	7070.7	85.875	3903.7
#2	4675.0	55584.	7093.5	82.900	3891.5
#3	4694.9	55586.	7171.4	85.465	3896.6

Sample Name: K2197-03 Acquired: 4/3/2019 20:14:37 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03055	.00871	.30402	-.05019	.00920	147.65	.51038	.00680
Stddev	.00040	.00062	.00286	.00382	.00149	.25	.00158	.00002
%RSD	1.2944	7.1616	.94115	7.6036	16.193	.17205	.31029	.35450

#1	.03101	.00851	.30098	-.05178	.00749	147.69	.51220	.00678
#2	.03034	.00941	.30667	-.05295	.00986	147.89	.50955	.00678
#3	.03030	.00821	.30440	-.04583	.01024	147.38	.50938	.00682

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	55.343	.19565	.13497	.31425	216.20	3.2193	74.441
Stddev	.00022	.513	.00142	.00110	.00282	1.21	.0063	.310
%RSD	15.463	.92660	.72680	.81752	.89658	.55875	.19634	.41667

#1	.00159	55.500	.19715	.13395	.31281	214.93	3.2245	74.672
#2	.00156	54.770	.19547	.13614	.31750	216.33	3.2123	74.562
#3	.00119	55.759	.19432	.13482	.31244	217.33	3.2212	74.088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24024	-.01935	8.4126	.41220	.61001	9.8144	.00357	.12321
Stddev	.00098	.00057	.0351	.00293	.00106	.0482	.00034	.00970
%RSD	.40974	2.9550	.41684	.71029	.17318	.49119	9.6288	7.8754

#1	.23924	-.01988	8.4530	.41550	.61109	9.8589	.00397	.13123
#2	.24121	-.01942	8.3942	.40992	.60898	9.8210	.00338	.11242
#3	.24026	-.01874	8.3905	.41117	.60997	9.7632	.00337	.12598

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0643	1.8977	.02264	4.0211	.17658	7.286	-.04196	.72987
Stddev	.0228	.0206	.00026	.0094	.00090	.039	.00269	.10594
%RSD	.56202	1.0834	1.1619	.23425	.51099	.5300	6.4176	14.515

#1	4.0381	1.9167	.02245	4.0124	.17590	7.245	-.03903	.73243
#2	4.0802	1.8759	.02294	4.0197	.17624	7.321	-.04434	.83450
#3	4.0746	1.9005	.02253	4.0311	.17761	7.294	-.04250	.62267

Sample Name: K2197-03 Acquired: 4/3/2019 20:14:37 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg Z *****
 Stddev -----
 %RSD -----

#1 Z 3430.4
 #2 Z 3434.9
 #3 Z 3413.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4818.8	56542.	7295.9	89.618	4100.1
Stddev	4.5	212.	70.3	1.980	5.9
%RSD	.09240	.37469	.96391	2.2096	.14374

#1	4814.0	56306.	7278.5	91.014	4094.7
#2	4822.7	56606.	7373.3	90.489	4106.4
#3	4819.8	56714.	7236.0	87.352	4099.3

Sample Name: K2199-01 Acquired: 4/3/2019 20:19:03 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03090	.00652	.25911	-.05138	.00968	174.56	.64363	.00825
Stddev	.00165	.00104	.00210	.00354	.00218	.76	.00201	.00014
%RSD	5.3342	16.020	.80890	6.8813	22.492	.43806	.31177	1.7070
#1	.03263	.00591	.25864	-.05486	.00795	173.74	.64143	.00840
#2	.02935	.00592	.25729	-.04779	.01213	175.26	.64410	.00812
#3	.03072	.00772	.26140	-.05148	.00897	174.66	.64536	.00822
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	194.75	.16930	.14847	.37755	209.78	3.8275	77.282
Stddev	.00023	1.91	.00185	.00097	.00048	.97	.0066	.073
%RSD	7.9977	.97947	1.0912	.65659	.12819	.46330	.17150	.09510
#1	.00309	196.80	.16761	.14807	.37743	210.62	3.8230	77.352
#2	.00266	193.03	.16901	.14776	.37809	210.00	3.8350	77.205
#3	.00303	194.41	.17127	.14958	.37714	208.72	3.8244	77.289
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23753	-.01925	15.101	.46602	.78445	18.072	.00762	.13817
Stddev	.00048	.00071	.046	.00161	.00127	.044	.00023	.00765
%RSD	.19999	3.6699	.30785	.34524	.16224	.24112	3.0801	5.5369
#1	.23807	-.01893	15.047	.46599	.78315	18.029	.00745	.14696
#2	.23735	-.01876	15.132	.46442	.78450	18.071	.00789	.13450
#3	.23717	-.02006	15.123	.46764	.78569	18.116	.00752	.13304
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6217	3.9712	.02594	5.9576	.16132	7.746	.46140	.89308
Stddev	.0129	.0288	.00043	.0140	.00020	.013	.00597	.46193
%RSD	.19505	.72540	1.6553	.23468	.12296	.1652	1.2933	51.723
#1	6.6271	4.0045	.02545	5.9618	.16120	7.734	.46771	1.4175
#2	6.6070	3.9557	.02610	5.9420	.16155	7.743	.45585	.54670
#3	6.6311	3.9536	.02626	5.9691	.16121	7.759	.46063	.71500

Sample Name: K2199-01 Acquired: 4/3/2019 20:19:03 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 3641.4
#2	Z 3646.3
#3	Z 3653.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4825.6	56754.	7416.8	86.394	3892.7
Stddev	5.0	185.	107.7	1.455	2.8
%RSD	.10430	.32510	1.4525	1.6839	.07281

#1	4820.1	56569.	7292.4	85.052	3890.3
#2	4826.6	56756.	7481.0	87.940	3895.8
#3	4830.0	56938.	7477.0	86.189	3892.0

Sample Name: K2199-03 Acquired: 4/3/2019 20:23:28 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02457	.00732	.24547	-.03873	.00596	122.24	.43796	.00601
Stddev	.00276	.00045	.00230	.00065	.00227	.38	.00418	.00006
%RSD	11.228	6.0826	.93852	1.6836	38.133	.31035	.95529	.91686
#1	.02406	.00782	.24289	-.03919	.00845	121.82	.43321	.00595
#2	.02210	.00696	.24620	-.03902	.00399	122.55	.43959	.00601
#3	.02755	.00718	.24732	-.03799	.00545	122.36	.44108	.00606
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	37.071	.11835	.10560	.27905	178.20	2.8011	45.285
Stddev	.00025	.338	.00040	.00004	.00074	.91	.0119	.217
%RSD	54.520	.91245	.34199	.03666	.26476	.50834	.42538	.47882
#1	-.00020	36.696	.11791	.10563	.27820	177.18	2.7883	45.056
#2	-.00049	37.353	.11871	.10561	.27939	178.89	2.8119	45.311
#3	-.00070	37.164	.11842	.10555	.27954	178.53	2.8032	45.488
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15687	-.01469	5.8896	.31230	.54717	7.4270	.00207	.14167
Stddev	.00074	.00009	.0395	.00080	.00188	.0164	.00028	.00161
%RSD	.46878	.59145	.67022	.25699	.34409	.22152	13.456	1.1394
#1	.15603	-.01473	5.8441	.31175	.54822	7.4224	.00199	.14196
#2	.15720	-.01476	5.9152	.31322	.54828	7.4133	.00238	.13994
#3	.15738	-.01459	5.9094	.31193	.54499	7.4452	.00184	.14313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2347	2.6200	.01349	2.5285	.11591	8.552	-.02495	1.2384
Stddev	.0102	.0471	.00085	.0202	.00133	.025	.00024	.4929
%RSD	.45515	1.7972	6.2849	.79759	1.1475	.2940	.96878	39.804
#1	2.2237	2.6541	.01373	2.5058	.11511	8.527	-.02512	1.6394
#2	2.2367	2.6396	.01420	2.5444	.11745	8.577	-.02505	.68807
#3	2.2437	2.5663	.01255	2.5353	.11517	8.553	-.02467	1.3878

Sample Name: K2199-03 Acquired: 4/3/2019 20:23:28 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 3056.9
#2	Z 3069.8
#3	Z 3036.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4829.9	56484.	7186.3	89.259	4171.3
Stddev	5.2	81.	45.9	1.979	13.7
%RSD	.10753	.14376	.63889	2.2169	.32842

#1	4825.6	56570.	7208.3	87.275	4164.8
#2	4828.5	56409.	7133.5	91.233	4162.0
#3	4835.7	56473.	7217.0	89.269	4187.0

Sample Name: K2203-01 Acquired: 4/3/2019 20:27:54 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02029	.00731	.74478	-.06853	.01290	204.67	.92883	.01091
Stddev	.00510	.00058	.00150	.00092	.00177	1.00	.00518	.00018
%RSD	25.121	7.9026	.20093	1.3435	13.744	.48715	.55793	1.6330

#1	.01509	.00679	.74651	-.06956	.01129	205.70	.93257	.01098
#2	.02051	.00721	.74390	-.06779	.01480	204.61	.93102	.01070
#3	.02528	.00793	.74393	-.06825	.01262	203.71	.92292	.01104

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00819	24.453	.23485	.20435	.37415	260.99	4.9961	51.093
Stddev	.00015	.028	.00283	.00041	.00147	1.45	.0279	.182
%RSD	1.8319	.11592	1.2060	.20038	.39279	.55376	.55897	.35572

#1	.00836	24.435	.23725	.20467	.37552	259.35	5.0031	51.169
#2	.00813	24.486	.23173	.20450	.37433	262.07	5.0200	51.223
#3	.00808	24.439	.23558	.20389	.37260	261.55	4.9654	50.885

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23525	-.02592	10.662	.58371	.87604	6.2545	.00338	.12377
Stddev	.00152	.00096	.046	.00404	.00080	.0581	.00018	.00687
%RSD	.64476	3.7170	.43508	.69169	.09169	.92931	5.1856	5.5515

#1	.23669	-.02703	10.700	.58836	.87695	6.3166	.00328	.12573
#2	.23538	-.02525	10.676	.58169	.87574	6.2013	.00358	.11613
#3	.23367	-.02549	10.610	.58108	.87543	6.2457	.00328	.12944

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9062	2.5744	.03414	4.6949	.11618	9.370	-.14603	<.00000
Stddev	.0176	.0106	.00077	.0161	.00157	.035	.00154	.17504
%RSD	.60683	.41239	2.2443	.34388	1.3522	.3765	1.0570	2.4314

#1	2.9262	2.5733	.03466	4.6763	.11679	9.402	-.14431	-7.4000
#2	2.8998	2.5645	.03451	4.7032	.11439	9.375	-.14729	-7.0783
#3	2.8927	2.5856	.03326	4.7053	.11735	9.332	-.14648	-7.1196

Sample Name: K2203-01 Acquired: 4/3/2019 20:27:54 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-040219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 4164.2
#2	Z 4118.9
#3	Z 4144.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5479.6	63967.	8242.0	87.747	4014.8
Stddev	7.2	143.	7.2	1.016	5.4
%RSD	.13205	.22432	.08765	1.1574	.13526

#1	5486.6	63917.	8250.1	87.463	4012.3
#2	5472.2	63855.	8239.6	88.875	4011.1
#3	5480.1	64129.	8236.3	86.905	4021.0

Sample Name: K2203-03 Acquired: 4/3/2019 20:32:28 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02517	.00747	.60806	-.06219	.00983	137.03	.51787	.00722
Stddev	.00154	.00214	.00228	.00250	.00140	.25	.00129	.00004
%RSD	6.1110	28.642	.37567	4.0134	14.276	.17951	.24907	.53360

#1	.02675	.00991	.60871	-.06215	.01116	137.02	.51832	.00719
#2	.02368	.00592	.60552	-.05971	.00997	137.28	.51887	.00726
#3	.02507	.00658	.60994	-.06470	.00836	136.78	.51641	.00720

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	53.219	.17132	.18951	.39916	246.89	4.3190	63.436
Stddev	.00047	.337	.00108	.00127	.00257	1.34	.0339	.239
%RSD	7.3500	.63392	.63215	.66906	.64481	.54218	.78443	.37703

#1	.00661	52.884	.17218	.19050	.40056	246.89	4.2988	63.160
#2	.00589	53.558	.17168	.18808	.39619	248.22	4.3581	63.567
#3	.00679	53.216	.17011	.18995	.40073	245.54	4.3001	63.581

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28531	-.02440	9.1714	.72162	.79152	8.0660	.00708	.18544
Stddev	.00171	.00087	.0399	.00315	.00143	.0359	.00016	.01467
%RSD	.60076	3.5681	.43486	.43654	.18081	.44544	2.2140	7.9121

#1	.28678	-.02530	9.1728	.72037	.79129	8.0875	.00725	.17933
#2	.28343	-.02435	9.2106	.72520	.79022	8.0859	.00695	.20218
#3	.28571	-.02356	9.1309	.71928	.79305	8.0245	.00704	.17481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4747	1.6493	.01378	5.8321	.11869	8.530	-.11222	<.00000
Stddev	.0464	.0181	.00105	.0202	.00094	.049	.00120	.18886
%RSD	.54771	1.0951	7.6364	.34599	.78805	.5697	1.0683	3.8097

#1	8.5127	1.6287	.01496	5.8112	.11869	8.564	-.11249	-4.9095
#2	8.4230	1.6622	.01343	5.8335	.11963	8.474	-.11327	-5.1656
#3	8.4885	1.6570	.01295	5.8515	.11776	8.551	-.11091	-4.7971

Sample Name: K2203-03 Acquired: 4/3/2019 20:32:28 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-040219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 3921.7
#2	z 3940.2
#3	z 3920.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5201.0	61141.	7774.8	84.539	4023.4
Stddev	5.1	185.	15.6	.780	4.6
%RSD	.09870	.30201	.20112	.92236	.11548

#1	5205.4	60988.	7761.7	84.754	4028.0
#2	5202.3	61088.	7770.7	83.675	4023.5
#3	5195.3	61346.	7792.1	85.189	4018.7

Sample Name: K2219-01 Acquired: 4/3/2019 20:37:02 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-2-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14465	.00316	.67771	-.03706	.00993	172.90	1.1502	.01064
Stddev	.00139	.00061	.00093	.00347	.00057	.39	.0085	.00007
%RSD	.96191	19.418	.13665	9.3718	5.7807	.22495	.74240	.62318
#1	.14608	.00322	.67751	-.03949	.01027	172.51	1.1410	.01059
#2	.14330	.00252	.67690	-.03308	.01026	172.90	1.1518	.01063
#3	.14458	.00374	.67872	-.03860	.00927	173.29	1.1579	.01072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01006	5.9037	.18202	.09885	.14811	175.65	3.6127	15.217
Stddev	.00019	.0143	.00077	.00029	.00051	.48	.0491	.196
%RSD	1.8700	.24188	.42118	.29506	.34575	.27270	1.3603	1.2869
#1	.01026	5.8875	.18245	.09853	.14758	175.61	3.6086	14.991
#2	.00989	5.9091	.18113	.09910	.14859	175.19	3.5658	15.331
#3	.01003	5.9144	.18247	.09892	.14818	176.14	3.6638	15.329
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16132	-.01783	.14676	.31121	.71241	5.6761	.00411	.08569
Stddev	.00089	.00016	.00988	.00117	.00070	.0379	.00015	.00477
%RSD	.54914	.88294	6.7347	.37482	.09883	.66863	3.6840	5.5711
#1	.16038	-.01788	.13535	.31177	.71304	5.6323	.00403	.08024
#2	.16214	-.01796	.15206	.30987	.71165	5.6955	.00401	.08915
#3	.16144	-.01766	.15286	.31199	.71255	5.7003	.00428	.08767
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9913	3.6426	.01892	1.0819	.08346	F 11.86	-.15396	<.00000
Stddev	.0103	.0379	.00063	.0065	.00061	.03	.00049	.30065
%RSD	.34352	1.0419	3.3294	.60025	.72612	.2299	.31798	1.7697
#1	2.9900	3.6051	.01937	1.0883	.08409	11.83	-.15379	-16.821
#2	3.0021	3.6417	.01820	1.0753	.08288	11.86	-.15358	-16.809
#3	2.9817	3.6810	.01920	1.0821	.08342	11.89	-.15452	-17.336

Sample Name: K2219-01 Acquired: 4/3/2019 20:37:02 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-2-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 3557.6
#2	Z 3559.4
#3	Z 3564.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6733.5	78383.	9936.2	87.844	4154.9
Stddev	9.8	275.	85.2	1.820	4.0
%RSD	.14500	.35110	.85796	2.0721	.09516

#1	6734.7	78408.	9842.8	88.481	4150.6
#2	6723.2	78645.	10010.	89.260	4158.4
#3	6742.7	78097.	9956.1	85.791	4155.8

Sample Name: K2219-02 Acquired: 4/3/2019 20:41:38 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-3-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15325	.00600	.36831	-.04376	.01050	187.66	1.1145	.01102
Stddev	.00144	.00166	.00147	.00173	.00233	.71	.0037	.00007
%RSD	.93691	27.609	.39785	3.9571	22.167	.37952	.33264	.61819

#1	.15490	.00695	.36666	-.04186	.00801	187.85	1.1164	.01109
#2	.15229	.00696	.36945	-.04525	.01087	186.86	1.1102	.01101
#3	.15255	.00409	.36883	-.04416	.01262	188.25	1.1169	.01096

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00938	10.727	.21154	.10203	.14974	203.79	3.6131	22.582
Stddev	.00015	.070	.00063	.00018	.00046	.24	.0174	.070
%RSD	1.6218	.64868	.29726	.17809	.30840	.11558	.48136	.31093

#1	.00949	10.676	.21082	.10221	.15015	203.98	3.6246	22.514
#2	.00921	10.699	.21183	.10185	.14924	203.53	3.5931	22.654
#3	.00945	10.806	.21197	.10204	.14983	203.87	3.6216	22.578

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16538	-.02130	.19964	.36960	.71088	9.4049	.00469	.09321
Stddev	.00140	.00023	.00498	.00066	.00078	.0828	.00003	.00734
%RSD	.84431	1.0724	2.4958	.17940	.10973	.88028	.61732	7.8778

#1	.16700	-.02119	.20529	.37036	.71167	9.4226	.00472	.09035
#2	.16461	-.02156	.19777	.36915	.71011	9.3146	.00466	.08773
#3	.16454	-.02114	.19587	.36929	.71086	9.4773	.00469	.10155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4465	3.6992	.01839	1.1907	.11478	F 11.37	-.18397	<.00000
Stddev	.0172	.0186	.00037	.0010	.00039	.06	.00035	.17140
%RSD	.70333	.50200	2.0027	.08796	.33973	.5397	.18904	1.1597

#1	2.4633	3.6913	.01881	1.1899	.11436	11.43	-.18424	-14.604
#2	2.4473	3.7204	.01824	1.1919	.11513	11.35	-.18358	-14.789
#3	2.4289	3.6859	.01812	1.1904	.11484	11.31	-.18410	-14.947

Sample Name: K2219-02 Acquired: 4/3/2019 20:41:38 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-3-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 3769.0
 #2 z 3775.1
 #3 z 3766.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6335.7	73223.	9412.3	88.759	4162.9
Stddev	27.2	65.	39.5	1.221	16.5
%RSD	.42929	.08884	.41959	1.3758	.39754

#1	6310.6	73219.	9439.4	89.980	4145.0
#2	6364.6	73290.	9430.6	88.759	4177.5
#3	6331.8	73160.	9367.0	87.537	4166.3

Sample Name: K2219-07 Acquired: 4/3/2019 20:46:13 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CON-COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16951	-.00009	.42410	-.04360	.01987	182.12	1.1386	.01117
Stddev	.00156	.00146	.00219	.00340	.00120	.30	.0039	.00014
%RSD	.91753	1562.1	.51738	7.8007	6.0399	.16584	.34613	1.2900
#1	.16956	.00123	.42624	-.03975	.01851	181.88	1.1409	.01122
#2	.17104	.00015	.42186	-.04620	.02077	182.02	1.1341	.01101
#3	.16793	-.00166	.42419	-.04485	.02034	182.46	1.1408	.01128
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	F 2208.8	.28035	.09000	.72937	115.86	6.3852	117.27
Stddev	.00014	31.4	.00080	.00035	.00129	.54	.0158	.53
%RSD	2.9751	1.4233	.28422	.39130	.17671	.46550	.24705	.45546
#1	.00468	2176.8	.28059	.09040	.73084	115.24	6.3686	116.91
#2	.00470	2239.6	.27946	.08978	.72879	116.10	6.3869	117.01
#3	.00445	2210.0	.28100	.08982	.72846	116.23	6.4000	117.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16927	-.00350	8.0510	.33502	4.3303	15.924	.08313	.34114
Stddev	.00126	.00005	.0305	.00092	.0152	.060	.00069	.01326
%RSD	.74181	1.5443	.37915	.27603	.35112	.37442	.82648	3.8884
#1	.17070	-.00355	8.0297	.33527	4.3478	15.898	.08382	.35147
#2	.16834	-.00351	8.0373	.33399	4.3219	15.882	.08312	.34577
#3	.16878	-.00344	8.0859	.33579	4.3210	15.992	.08245	.32618
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 77.139	1.4542	.07114	8.3778	.20123	5.828	1.7154	9.4169
Stddev	.502	.0112	.00194	.0673	.00075	.031	.0129	.1141
%RSD	.65057	.76714	2.7334	.80343	.37476	.5307	.75286	1.2118
#1	77.694	1.4539	.06957	8.3089	.20037	5.863	1.7065	9.3621
#2	77.005	1.4655	.07331	8.4434	.20158	5.817	1.7302	9.3405
#3	76.718	1.4432	.07053	8.3811	.20175	5.805	1.7095	9.5480

Sample Name: K2219-07 Acquired: 4/3/2019 20:46:13 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CON-COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 4528.6
#2	Z 4510.0
#3	Z 4525.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.3	47137.	6535.9	78.778	3286.0
Stddev	13.1	71.	44.8	.799	15.0
%RSD	.33021	.15135	.68526	1.0139	.45573

#1	3957.6	47083.	6562.2	79.280	3269.5
#2	3983.7	47218.	6484.2	79.197	3298.6
#3	3972.6	47111.	6561.4	77.857	3290.1

Sample Name: CCV09 Acquired: 4/3/2019 20:50:55 Type: Unk
Method: P4-ICP2(v3017) 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	5.1964	5.0668	5.2942	5.2020	5.2223	10.014	9.9653	.26493
Stddev	.0092	.0114	.0046	.0114	.0095	.051	.0905	.00037
%RSD	.17763	.22561	.08710	.21856	.18231	.51053	.90816	.14064

#1	5.1900	5.0722	5.2907	5.1936	5.2221	9.9555	9.8808	.26454
#2	5.2070	5.0745	5.2994	5.2149	5.2128	10.044	9.9543	.26497
#3	5.1922	5.0537	5.2925	5.1974	5.2319	10.044	10.061	.26528

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5716	25.574	.99705	2.6699	1.2681	5.0412	2.4631	25.413
Stddev	.0014	.085	.00101	.0048	.0031	.0066	.0062	.212
%RSD	.05571	.33252	.10173	.18046	.24736	.13085	.25260	.83608

#1	2.5725	25.567	.99754	2.6681	1.2671	5.0437	2.4598	25.180
#2	2.5723	25.493	.99773	2.6754	1.2655	5.0337	2.4702	25.597
#3	2.5699	25.663	.99589	2.6663	1.2716	5.0462	2.4592	25.462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5096	1.2783	25.376	2.4818	2.6803	23.590	4.9701	4.7397
Stddev	.0007	.0018	.137	.0006	.0037	.107	.0109	.0373
%RSD	.02929	.14034	.53897	.02478	.14001	.45513	.21895	.78627

#1	2.5088	1.2789	25.246	2.4823	2.6781	23.467	4.9733	4.6983
#2	2.5100	1.2796	25.519	2.4820	2.6846	23.663	4.9580	4.7505
#3	2.5100	1.2762	25.361	2.4811	2.6781	23.641	4.9790	4.7704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9830	5.1578	5.2728	5.1909	4.7789	5.224	5.2064	F 9.5478
Stddev	.0059	.0137	.0053	.0076	.0015	.022	.0032	.1475
%RSD	.11911	.26605	.10151	.14691	.03078	.4274	.06068	1.5453

#1	4.9769	5.1659	5.2719	5.1984	4.7804	5.208	5.2036	9.5476
#2	4.9888	5.1420	5.2785	5.1831	4.7786	5.250	5.2098	9.4004
#3	4.9833	5.1656	5.2679	5.1911	4.7775	5.215	5.2058	9.6955

Sample Name: CCV09 Acquired: 4/3/2019 20:50:55 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg zF *****
Stddev -----
%RSD -----

#1 z 1915.1
#2 z 1902.2
#3 z 1926.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4332.5	50133.	6211.1	88.249	4228.6
Stddev	8.0	133.	5.6	2.132	2.8
%RSD	.18427	.26607	.09012	2.4162	.06625

#1	4330.3	50234.	6205.3	87.990	4227.6
#2	4341.3	49982.	6211.7	90.499	4231.8
#3	4325.8	50182.	6216.4	86.258	4226.4

Sample Name: CCB09 Acquired: 4/3/2019 20:55:02 Type: Unk
Method: P4-ICP2(v3017) 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	.00187	.00031	.00021	.00339	.00171	-.00340	.00134	-.00076
Stddev	.00194	.00039	.00071	.00351	.00057	.01128	.00050	.00003
%RSD	103.62	125.56	340.89	103.65	33.706	331.62	36.932	3.9514
#1	.00409	.00074	.00099	.00257	.00174	.00762	.00160	-.00073
#2	.00105	.00021	-.00040	.00723	.00112	-.00290	.00166	-.00078
#3	.00048	-.00002	.00004	.00036	.00226	-.01493	.00077	-.00078
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01254	-.00116	.00040	-.00191	-.00318	.00041	-.00194
Stddev	.00011	.01540	.00029	.00008	.00005	.00016	.00005	.04902
%RSD	124.68	122.83	24.748	20.507	2.8422	5.1141	13.337	2529.4
#1	-.00002	.00037	-.00104	.00043	-.00190	-.00336	.00036	-.05782
#2	-.00021	.00740	-.00095	.00031	-.00185	-.00303	.00047	.03378
#3	-.00003	.02985	-.00149	.00046	-.00196	-.00315	.00040	.01823
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00227	-.00041	-.11694	-.00324	-.00006	-.02499	-.00015	-.00901
Stddev	.00033	.00047	.00963	.00017	.00003	.01515	.00029	.00658
%RSD	14.524	112.35	8.2338	5.3150	50.415	60.623	187.51	72.978
#1	-.00214	-.00003	-.12806	-.00327	-.00003	-.02327	-.00019	-.00245
#2	-.00202	-.00029	-.11133	-.00339	-.00008	-.01077	-.00042	-.01560
#3	-.00264	-.00093	-.11143	-.00305	-.00007	-.04092	.00015	-.00898
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	.00015	-.00073	.00070	-.00035	F .2441	-.00222	F 8.0537
Stddev	.00263	.00087	.00075	.00159	.00172	.0009	.00001	.1620
%RSD	217.65	569.53	103.28	227.02	484.98	.3820	.61173	2.0114
#1	.00183	.00116	-.00017	.00232	-.00055	.2431	-.00223	8.2225
#2	-.00286	-.00038	-.00043	-.00086	.00145	.2449	-.00223	7.8995
#3	-.00260	-.00032	-.00159	.00064	-.00197	.2442	-.00220	8.0391

Sample Name: CCB09 Acquired: 4/3/2019 20:55:02 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1729.1
#2	z 1721.2
#3	z 1742.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4496.1	51626.	6260.9	91.286	4692.4
Stddev	5.7	85.	12.3	1.579	6.1
%RSD	.12786	.16540	.19693	1.7292	.13085

#1	4489.7	51560.	6249.7	90.733	4686.0
#2	4498.1	51722.	6274.1	93.067	4698.2
#3	4500.6	51596.	6258.9	90.058	4693.1

Sample Name: K2219-08 Acquired: 4/3/2019 20:59:31 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CON-COMP-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	.17352	.00010	.47290	-.04283	.02062	186.92	1.1745	.01178
Stddev	.00196	.00061	.00395	.00430	.00212	.27	.0036	.00007
%RSD	1.1270	617.80	.83567	10.033	10.269	.14521	.30523	.59408
#1	.17139	.00074	.47745	-.03811	.02237	187.23	1.1785	.01170
#2	.17524	.00001	.47036	-.04386	.02122	186.79	1.1736	.01184
#3	.17392	-.00046	.47089	-.04652	.01827	186.74	1.1715	.01178
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00498	F 2307.2	.29643	.09392	.78675	120.12	6.4214	120.46
Stddev	.00007	17.9	.00147	.00053	.00393	.58	.0116	.46
%RSD	1.3190	.77763	.49681	.56158	.49933	.48493	.18054	.37849
#1	.00490	2318.1	.29506	.09451	.78672	120.70	6.4144	120.92
#2	.00499	2317.1	.29799	.09349	.78283	119.54	6.4151	120.01
#3	.00503	2286.5	.29626	.09377	.79069	120.12	6.4348	120.44
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17887	-.00294	8.1949	.34400	5.4606	16.806	.08264	.36281
Stddev	.00167	.00030	.0343	.00395	.0364	.009	.00078	.01129
%RSD	.93339	10.275	.41912	1.1480	.66722	.05244	.94382	3.1110
#1	.17735	-.00272	8.2265	.34067	5.4520	16.809	.08238	.37558
#2	.18066	-.00283	8.1997	.34836	5.5006	16.796	.08202	.35868
#3	.17860	-.00329	8.1584	.34296	5.4292	16.813	.08352	.35417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 80.361	1.4428	.06777	8.6595	.20939	6.283	1.7702	10.764
Stddev	.248	.0301	.00275	.0652	.00080	.032	.0142	.423
%RSD	.30813	2.0826	4.0648	.75252	.38211	.5039	.79984	3.9301
#1	80.159	1.4372	.06823	8.6711	.20937	6.266	1.7759	11.054
#2	80.637	1.4752	.06481	8.7181	.20859	6.262	1.7806	10.279
#3	80.287	1.4159	.07026	8.5893	.21019	6.319	1.7541	10.960

Sample Name: K2219-08 Acquired: 4/3/2019 20:59:31 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CON-COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 4573.0
#2	z 4661.0
#3	z 4599.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.7	47065.	6502.3	77.168	3266.2
Stddev	7.4	110.	44.8	2.713	25.9
%RSD	.18721	.23443	.68922	3.5161	.79251

#1	3967.2	46959.	6498.8	75.799	3270.1
#2	3965.6	47057.	6459.3	75.412	3238.6
#3	3979.2	47179.	6548.7	80.293	3290.0

Sample Name: K2197-02 Acquired: 4/3/2019 21:04:13 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00442	-.00170	.00445	.00295	.00039	.07371	.08304	-.00068
Stddev	.00108	.00128	.00163	.00129	.00073	.02066	.00060	.00001
%RSD	24.542	75.174	36.675	43.649	185.96	28.034	.72317	1.5846

#1	.00327	-.00310	.00569	.00428	.00112	.05137	.08267	-.00068
#2	.00455	-.00060	.00260	.00285	-.00035	.09214	.08272	-.00067
#3	.00543	-.00140	.00505	.00171	.00041	.07761	.08373	-.00069

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	79.982	-.00053	.00398	.00192	1.1155	.62551	2.3638
Stddev	.00013	2.963	.00009	.00028	.00023	.0074	.00192	.0460
%RSD	138.71	3.7040	17.144	6.9268	12.171	.66517	.30697	1.9467

#1	.00005	81.813	-.00054	.00413	.00217	1.1086	.62689	2.3625
#2	-.00020	76.564	-.00061	.00415	.00171	1.1146	.62332	2.3185
#3	-.00012	81.568	-.00043	.00366	.00188	1.1234	.62631	2.4105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00111	344.14	-.00331	.02590	.91736	-.00001	.00370
Stddev	.00022	.00045	2.11	.00046	.00015	.02242	.00006	.00727
%RSD	23.608	40.240	.61422	14.006	.56412	2.4437	562.71	196.53

#1	.00083	-.00156	346.52	-.00302	.02587	.92607	-.00001	.00881
#2	.00117	-.00108	342.48	-.00307	.02607	.89190	.00005	-.00462
#3	.00076	-.00068	343.43	-.00384	.02578	.93412	-.00007	.00691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90275	2.0108	-.00161	.00055	-.00014	.2467	.31588	10.109
Stddev	.00628	.0616	.00079	.00230	.00105	.0003	.01192	.249
%RSD	.69533	3.0614	49.064	421.25	742.56	.1406	3.7736	2.4620

#1	.90459	2.0428	-.00230	.00151	.00019	.2466	.32248	10.150
#2	.90791	1.9398	-.00176	-.00208	-.00132	.2471	.30212	10.335
#3	.89576	2.0497	-.00075	.00221	.00071	.2464	.32304	9.8425

Sample Name: K2197-02 Acquired: 4/3/2019 21:04:13 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1980.1
#2	z 1986.9
#3	z 2011.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4204.3	49133.	6427.5	91.780	4077.2
Stddev	3.3	126.	186.4	1.802	1.3
%RSD	.07743	.25700	2.9000	1.9634	.03297

#1	4208.0	48990.	6295.3	89.886	4078.2
#2	4202.9	49229.	6640.7	93.473	4075.7
#3	4201.9	49181.	6346.4	91.980	4077.8

Sample Name: K2197-02DUP Acquired: 4/3/2019 21:08:48 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00194	.00497	.00060	.00129	.06549	.08318	-.00067
Stddev	.00176	.00075	.00059	.00436	.00166	.00917	.00083	.00005
%RSD	80.236	38.799	11.871	731.21	128.62	14.004	1.0011	7.0014

#1	.00365	-.00199	.00452	-.00404	.00319	.07480	.08387	-.00066
#2	.00024	-.00266	.00476	.00122	.00054	.05647	.08226	-.00063
#3	.00268	-.00116	.00564	.00461	.00014	.06519	.08341	-.00072

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	82.275	-.00052	.00394	.00163	1.1085	.62606	2.2775
Stddev	.00003	.166	.00016	.00016	.00003	.0031	.00077	.0208
%RSD	31.064	.20197	31.618	4.1289	1.5949	.27948	.12366	.91179

#1	-.00012	82.424	-.00066	.00403	.00163	1.1087	.62565	2.2732
#2	-.00008	82.096	-.00056	.00375	.00160	1.1053	.62557	2.2592
#3	-.00006	82.305	-.00034	.00403	.00165	1.1115	.62695	2.3001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00095	341.59	-.00343	.02549	.96161	.00011	.00629
Stddev	.00006	.00030	.48	.00028	.00019	.01388	.00013	.01239
%RSD	6.0028	31.240	.13939	8.2027	.76037	1.4435	117.61	196.86

#1	.00101	-.00066	341.45	-.00355	.02571	.95150	.00022	.00208
#2	.00098	-.00125	341.20	-.00311	.02541	.95589	.00013	-.00344
#3	.00110	-.00094	342.12	-.00364	.02534	.97744	-.00003	.02025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89264	2.0478	-.00184	-.00091	.00271	.2450	.32539	10.261
Stddev	.00615	.0137	.00089	.00069	.00154	.0013	.00124	.300
%RSD	.68906	.66753	48.290	75.627	56.711	.5165	.38109	2.9226

#1	.89708	2.0324	-.00280	-.00077	.00098	.2442	.32624	10.547
#2	.88562	2.0585	-.00103	-.00030	.00392	.2443	.32396	9.9492
#3	.89524	2.0525	-.00170	-.00166	.00322	.2465	.32595	10.287

Sample Name: K2197-02DUP Acquired: 4/3/2019 21:08:48 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1970.6
#2	Z 1975.6
#3	Z 1975.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4220.2	49300.	6321.8	89.658	4090.7
Stddev	3.8	39.	15.1	2.494	4.1
%RSD	.08896	.07914	.23922	2.7814	.09926

#1	4223.6	49261.	6338.5	91.347	4095.4
#2	4216.2	49339.	6309.1	90.833	4087.9
#3	4220.8	49299.	6317.7	86.794	4088.9

Sample Name: K2197-02LX5 Acquired: 4/3/2019 21:13:22 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118549BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	-.00067	.00031	.00133	.00205	.00689	.01813	-.00071
Stddev	.00011	.00095	.00086	.00029	.00117	.00427	.00060	.00009
%RSD	2.4962	142.47	277.37	22.135	57.045	62.045	3.3192	12.130

#1	.00461	.00022	.00130	.00151	.00222	.00612	.01765	-.00077
#2	.00441	-.00056	-.00023	.00099	.00312	.00305	.01794	-.00061
#3	.00460	-.00167	-.00014	.00150	.00080	.01150	.01881	-.00076

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	17.469	-.00107	.00094	-.00131	.23169	.13584	.47390
Stddev	.00004	.096	.00015	.00008	.00007	.00237	.00097	.03496
%RSD	36.521	.54996	13.763	8.0221	4.9798	1.0246	.71696	7.3765

#1	-.00013	17.361	-.00100	.00100	-.00124	.23443	.13503	.50202
#2	-.00007	17.504	-.00097	.00086	-.00136	.23027	.13692	.48493
#3	-.00014	17.543	-.00123	.00096	-.00133	.23036	.13557	.43476

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00086	70.579	-.00311	.00438	.16207	-.00033	-.01735
Stddev	.00025	.00038	.302	.00030	.00013	.01003	.00011	.00267
%RSD	10.670	44.409	.42759	9.5137	2.9209	6.1911	35.087	15.376

#1	-.00221	-.00124	70.282	-.00282	.00446	.17366	-.00036	-.01995
#2	-.00260	-.00047	70.570	-.00341	.00444	.15627	-.00020	-.01749
#3	-.00215	-.00088	70.886	-.00309	.00423	.15628	-.00042	-.01462

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17490	.44856	-.00267	.00110	-.00099	.2451	.06707	8.8380
Stddev	.00233	.00524	.00062	.00069	.00161	.0014	.00036	.7453
%RSD	1.3317	1.1691	23.169	62.845	161.69	.5542	.53225	8.4329

#1	.17363	.44833	-.00208	.00164	.00048	.2439	.06699	9.4339
#2	.17759	.45391	-.00263	.00032	-.00076	.2465	.06746	8.0023
#3	.17349	.44343	-.00332	.00134	-.00271	.2448	.06676	9.0779

Sample Name: K2197-02LX5 Acquired: 4/3/2019 21:13:22 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118549BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1842.7
#2	z 1847.6
#3	z 1830.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4365.2	50512.	6263.4	90.786	4403.3
Stddev	6.4	78.	17.1	.890	4.6
%RSD	.14653	.15509	.27328	.97992	.10372

#1	4357.9	50573.	6266.0	90.078	4400.5
#2	4369.7	50539.	6245.2	90.497	4400.9
#3	4368.0	50424.	6279.1	91.785	4408.6

Sample Name: K2197-02MS Acquired: 4/3/2019 21:17:48 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83217	1.9100	1.0349	2.1434	.86500	2.1366	.29650	.21407	.20542
Stddev	.00322	.0072	.0046	.0023	.00354	.0179	.00213	.00082	.00053
%RSD	.38696	.37447	.44745	.10688	.40890	.83671	.71674	.38305	.25952

#1	.83050	1.9084	1.0374	2.1455	.86289	2.1187	.29549	.21313	.20550
#2	.83013	1.9038	1.0296	2.1409	.86302	2.1368	.29506	.21458	.20485
#3	.83588	1.9178	1.0378	2.1436	.86909	2.1544	.29894	.21451	.20591

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.001	.40685	.22286	.30927	4.2083	.85651	4.4810	.51085	.07204
Stddev	.407	.00159	.00097	.00101	.0139	.00296	.0377	.00109	.00085
%RSD	.46767	.39184	.43387	.32805	.32937	.34516	.84138	.21423	1.1842

#1	87.471	.40507	.22240	.30946	4.1925	.85365	4.4545	.51049	.07254
#2	86.777	.40814	.22221	.30818	4.2185	.85955	4.4643	.50997	.07106
#3	86.756	.40734	.22397	.31018	4.2140	.85633	4.5241	.51208	.07253

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	363.29	.31177	.24849	10.652	.42030	.30516	.92780	3.0444	.77080
Stddev	4.61	.00044	.00068	.084	.00083	.00053	.00579	.0112	.00367
%RSD	1.2690	.14007	.27419	.78896	.19712	.17207	.62417	.36919	.47637

#1	358.57	.31128	.24890	10.574	.42080	.30568	.92863	3.0547	.76821
#2	367.79	.31210	.24770	10.639	.41934	.30463	.92163	3.0461	.76918
#3	363.51	.31194	.24886	10.741	.42074	.30517	.93312	3.0324	.77500

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	Cts/S
Avg	.21443	.19081	6.299	.54277	11.328	Z *****
Stddev	.00272	.00090	.019	.00311	.179	-----
%RSD	1.2704	.46969	.3011	.57272	1.5786	-----

#1	.21741	.19155	6.300	.54620	11.232	Z 2029.9
#2	.21208	.19107	6.280	.54199	11.218	Z 2028.5
#3	.21379	.18982	6.318	.54013	11.534	Z 2024.1

Sample Name: K2197-02MS Acquired: 4/3/2019 21:17:48 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 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	4137.7	48643.	6220.5	90.319	4009.1
Stddev	9.5	99.	33.6	.989	6.1
%RSD	.22899	.20317	.54053	1.0947	.15157
#1	4139.7	48754.	6184.3	89.231	4007.3
#2	4127.3	48567.	6226.2	91.163	4004.1
#3	4145.9	48607.	6250.8	90.562	4015.8

Sample Name: K2197-02MSD Acquired: 4/3/2019 21:22:04 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82684	1.8962	1.0283	2.1216	.85495	2.1586	.29462	.21228	.20330
Stddev	.00085	.0075	.0012	.0056	.00501	.0020	.00127	.00033	.00036
%RSD	.10265	.39413	.11143	.26589	.58641	.09366	.43004	.15731	.17794

#1	.82721	1.9042	1.0280	2.1264	.85714	2.1575	.29520	.21265	.20338
#2	.82743	1.8893	1.0272	2.1230	.84922	2.1609	.29550	.21201	.20290
#3	.82586	1.8952	1.0295	2.1153	.85850	2.1573	.29317	.21217	.20361

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.734	.40622	.22097	.30587	4.1775	.85311	4.5317	.50574	.07182
Stddev	.428	.00251	.00044	.00107	.0091	.00456	.0530	.00159	.00004
%RSD	.49380	.61775	.19925	.34851	.21708	.53451	1.1688	.31464	.06001

#1	87.207	.40904	.22143	.30710	4.1876	.85822	4.5161	.50713	.07180
#2	86.623	.40538	.22094	.30514	4.1749	.85164	4.5907	.50400	.07178
#3	86.372	.40424	.22055	.30539	4.1700	.84947	4.4882	.50607	.07186

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	358.55	.30919	.24563	10.680	.41639	.29419	.91900	3.0268	.76205
Stddev	.70	.00096	.00020	.013	.00086	.01630	.00370	.0142	.00364
%RSD	.19420	.31117	.08089	.12083	.20536	5.5419	.40271	.46801	.47772

#1	358.90	.31024	.24584	10.666	.41621	.28573	.92216	3.0283	.76583
#2	357.74	.30896	.24561	10.691	.41564	.28385	.91992	3.0120	.75856
#3	359.00	.30836	.24544	10.683	.41732	.31298	.91493	3.0402	.76175

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	Cts/S
Avg	.21504	.19337	6.253	.54058	10.462	Z *****
Stddev	.00114	.00005	.014	.00406	.247	-----
%RSD	.52808	.02380	.2173	.75034	2.3651	-----

#1	.21399	.19333	6.269	.54469	10.520	Z 2051.2
#2	.21489	.19335	6.244	.54047	10.675	Z 2040.8
#3	.21625	.19342	6.246	.53658	10.191	Z 2063.5

Sample Name: K2197-02MSD Acquired: 4/3/2019 21:22:04 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-040219 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	4197.5	48988.	6280.0	90.301	4068.5
Stddev	17.9	309.	48.5	1.488	15.9
%RSD	.42754	.63028	.77231	1.6482	.39022
#1	4177.6	48644.	6224.0	89.421	4050.9
#2	4202.2	49078.	6308.0	92.020	4072.5
#3	4212.5	49242.	6308.0	89.463	4081.9

Sample Name: K2197-02A Acquired: 4/3/2019 21:26:18 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82777	1.8848	1.0245	2.1152	.85291	2.1361	.29371	.21224	.20271
Stddev	.00479	.0082	.0023	.0006	.00035	.0080	.00205	.00054	.00020
%RSD	.57924	.43374	.22821	.03005	.04077	.37207	.69754	.25645	.10034

#1	.82229	1.8820	1.0265	2.1150	.85271	2.1299	.29328	.21287	.20273
#2	.82985	1.8783	1.0219	2.1160	.85271	2.1450	.29594	.21196	.20249
#3	.83118	1.8940	1.0250	2.1147	.85331	2.1333	.29192	.21190	.20290

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.277	.40540	.22077	.30709	4.1733	.85341	4.4903	.50375	.07145
Stddev	.646	.00121	.00038	.00070	.0074	.00060	.0996	.00064	.00050
%RSD	.73997	.29828	.17114	.22770	.17777	.06990	2.2175	.12661	.69719

#1	87.384	.40418	.22077	.30675	4.1710	.85277	4.4231	.50381	.07134
#2	86.585	.40659	.22116	.30663	4.1816	.85348	4.6047	.50308	.07102
#3	87.863	.40542	.22040	.30790	4.1673	.85396	4.4431	.50435	.07200

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	354.67	.31062	.24406	10.604	.41578	.29687	.91497	3.0310	.75923
Stddev	2.74	.00125	.00005	.101	.00055	.00518	.00801	.0330	.00140
%RSD	.77393	.40176	.02120	.95363	.13233	1.7458	.87523	1.0893	.18463

#1	352.84	.31148	.24400	10.580	.41543	.29119	.92043	3.0605	.76043
#2	357.82	.31120	.24410	10.715	.41642	.29806	.90578	2.9954	.75769
#3	353.34	.30919	.24408	10.517	.41550	.30135	.91870	3.0372	.75957

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	Cts/S			
Avg	.21621	.19341	6.215	.54419	10.534	Z *****			
Stddev	.00238	.00144	.014	.00342	.169	-----			
%RSD	1.1016	.74483	.2218	.62813	1.6008	-----			

#1	.21465	.19312	6.206	.54637	10.520	Z 2045.9			
#2	.21895	.19213	6.210	.54025	10.709	Z 2032.9			
#3	.21502	.19497	6.231	.54595	10.373	Z 2037.1			

Sample Name: K2197-02A Acquired: 4/3/2019 21:26:18 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI 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	4194.7	49107.	6259.2	90.504	4072.9
Stddev	7.8	101.	47.6	1.479	10.1
%RSD	.18543	.20525	.76009	1.6344	.24678
#1	4186.8	49136.	6234.7	91.487	4062.1
#2	4194.9	48995.	6314.0	91.221	4082.0
#3	4202.3	49190.	6228.9	88.802	4074.5

Sample Name: K2197-04 Acquired: 4/3/2019 21:30:32 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00096	.00492	.00360	.00214	.17887	.08219	-.00072
Stddev	.00097	.00122	.00134	.00100	.00130	.00886	.00070	.00001
%RSD	1593.2	126.79	27.273	27.718	60.528	4.9524	.85422	1.5043

#1	-.00102	.00018	.00449	.00247	.00065	.16865	.08140	-.00073
#2	.00035	-.00224	.00385	.00435	.00279	.18435	.08275	-.00071
#3	.00085	-.00082	.00643	.00398	.00298	.18360	.08241	-.00071

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	22.480	-.00037	.00341	.00153	.15288	.37315	2.0275
Stddev	.00003	.179	.00031	.00015	.00045	.00044	.00174	.0303
%RSD	384.38	.79577	83.182	4.3813	29.110	.28810	.46691	1.4967

#1	.00002	22.334	-.00058	.00327	.00204	.15338	.37319	2.0157
#2	.00000	22.680	-.00002	.00338	.00122	.15257	.37139	2.0049
#3	-.00004	22.428	-.00052	.00357	.00133	.15268	.37487	2.0620

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	-.00074	336.72	-.00297	.02478	.64015	-.00018	-.00294
Stddev	.00033	.00056	1.36	.00024	.00018	.01606	.00020	.00789
%RSD	37.428	75.380	.40508	8.1110	.71004	2.5090	115.28	268.00

#1	.00078	-.00107	338.27	-.00275	.02461	.64354	-.00041	-.01029
#2	.00062	-.00107	336.16	-.00292	.02477	.65424	-.00007	-.00393
#3	.00126	-.00010	335.72	-.00323	.02496	.62266	-.00005	.00539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18360	.56381	-.00197	.00562	-.00161	.2526	.08274	9.5998
Stddev	.00313	.00260	.00060	.00163	.00054	.0008	.00032	.6521
%RSD	1.7031	.46100	30.456	29.062	33.352	.3160	.39015	6.7925

#1	.18283	.56137	-.00212	.00742	-.00221	.2519	.08242	9.7882
#2	.18094	.56351	-.00248	.00425	-.00145	.2524	.08306	10.137
#3	.18705	.56654	-.00131	.00517	-.00118	.2534	.08275	8.8743

Sample Name: K2197-04 Acquired: 4/3/2019 21:30:32 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-040219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1820.6
#2	z 1819.0
#3	z 1818.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4288.9	50135.	6429.7	91.903	4179.5
Stddev	11.2	244.	43.2	1.726	5.9
%RSD	.26148	.48731	.67256	1.8775	.14082

#1	4296.0	49856.	6395.6	89.917	4182.3
#2	4294.8	50241.	6415.2	93.033	4183.4
#3	4276.0	50308.	6478.3	92.758	4172.7

Sample Name: K2199-02 Acquired: 4/3/2019 21:35:07 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	-.00217	.00609	.00235	.00151	.07771	.09812	-.00065
Stddev	.00141	.00153	.00053	.00126	.00143	.01584	.00080	.00006
%RSD	64.546	70.551	8.7207	53.609	94.814	20.387	.81474	9.4287
#1	.00122	-.00317	.00574	.00301	.00315	.08167	.09756	-.00070
#2	.00379	-.00294	.00670	.00315	.00074	.09119	.09775	-.00058
#3	.00152	-.00041	.00583	.00090	.00063	.06026	.09903	-.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	50.593	-.00037	.00600	.00138	.62463	.56600	1.7303
Stddev	.00005	.571	.00014	.00024	.00041	.00483	.00331	.0603
%RSD	39.992	1.1295	38.574	4.0299	29.639	.77346	.58523	3.4852
#1	-.00013	51.138	-.00023	.00608	.00175	.61912	.56218	1.7158
#2	-.00016	50.642	-.00051	.00619	.00143	.62817	.56761	1.6785
#3	-.00007	49.999	-.00036	.00573	.00094	.62659	.56819	1.7965
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00101	315.13	-.00341	.01697	.77542	-.00008	.00078
Stddev	.00029	.00039	2.53	.00014	.00011	.01859	.00003	.00288
%RSD	21.919	38.997	.80400	4.1340	.65122	2.3972	39.548	368.16
#1	.00144	-.00076	312.99	-.00327	.01685	.75424	-.00005	-.00237
#2	.00157	-.00080	314.47	-.00355	.01706	.78297	-.00011	.00145
#3	.00101	-.00146	317.93	-.00342	.01701	.78904	-.00010	.00327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29778	.81462	-.00093	.00086	.00055	.2458	.17423	9.0254
Stddev	.00252	.00491	.00035	.00023	.00076	.0003	.00096	.2392
%RSD	.84794	.60269	37.090	27.250	137.79	.1049	.54967	2.6505
#1	.30058	.81728	-.00098	.00059	.00084	.2461	.17474	9.0028
#2	.29568	.81763	-.00056	.00101	-.00031	.2456	.17482	8.7984
#3	.29708	.80896	-.00125	.00098	.00112	.2459	.17312	9.2752

Sample Name: K2199-02 Acquired: 4/3/2019 21:35:07 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 1903.3
 #2 z 1918.5
 #3 z 1914.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4302.1	50597.	6466.8	92.454	4191.4
Stddev	2.7	126.	69.2	.045	1.6
%RSD	.06266	.24997	1.0702	.04898	.03919

#1	4299.7	50743.	6396.5	92.484	4192.9
#2	4305.0	50526.	6469.0	92.477	4191.5
#3	4301.6	50523.	6534.9	92.402	4189.7

Sample Name: K2199-04 Acquired: 4/3/2019 21:39:41 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00269	.00701	.00270	.00258	.09064	.08519	-.00072
Stddev	.00083	.00094	.00039	.00234	.00073	.00731	.00030	.00007
%RSD	59.195	34.870	5.5688	86.505	28.488	8.0696	.35671	9.3038
#1	.00112	-.00162	.00707	.00032	.00182	.09720	.08548	-.00075
#2	.00075	-.00309	.00660	.00280	.00329	.08275	.08523	-.00076
#3	.00233	-.00337	.00738	.00499	.00263	.09198	.08487	-.00064
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	29.855	-.00035	.00338	.00404	.21910	.46769	1.8815
Stddev	.00006	.021	.00018	.00014	.00007	.00043	.00126	.0265
%RSD	148.18	.06904	50.554	4.1671	1.6471	.19725	.26914	1.4087
#1	-.00007	29.831	-.00019	.00347	.00397	.21956	.46853	1.9116
#2	.00003	29.869	-.00032	.00322	.00408	.21871	.46829	1.8618
#3	-.00009	29.865	-.00054	.00346	.00408	.21903	.46624	1.8710
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00079	343.15	-.00343	.01986	.57899	-.00003	-.00409
Stddev	.00055	.00008	3.02	.00021	.00002	.02429	.00013	.01189
%RSD	277.99	9.9836	.88126	6.2427	.11399	4.1958	374.98	290.43
#1	-.00018	-.00070	343.26	-.00331	.01987	.55582	.00004	.00295
#2	-.00006	-.00084	346.12	-.00330	.01987	.60427	.00004	-.01782
#3	.00083	-.00084	340.08	-.00367	.01983	.57690	-.00018	.00259
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36944	.72297	-.00254	.00027	-.00118	.2489	.10234	8.4998
Stddev	.00155	.00357	.00087	.00233	.00183	.0011	.00005	.4266
%RSD	.41846	.49317	34.173	861.88	155.01	.4428	.04623	5.0190
#1	.36772	.72636	-.00158	.00248	-.00329	.2485	.10238	8.0537
#2	.37070	.72329	-.00327	-.00216	-.00006	.2481	.10236	8.5420
#3	.36992	.71925	-.00276	.00049	-.00019	.2502	.10229	8.9037

Sample Name: K2199-04 Acquired: 4/3/2019 21:39:41 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-040219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1869.0
#2	z 1871.7
#3	z 1862.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4343.3	50753.	6514.9	93.528	4231.1
Stddev	11.5	118.	24.9	1.738	6.3
%RSD	.26473	.23235	.38250	1.8584	.15006

#1	4353.0	50746.	6505.8	91.817	4231.8
#2	4346.3	50638.	6495.8	93.475	4237.1
#3	4330.6	50874.	6543.1	95.292	4224.4

Sample Name: CCV10 Acquired: 4/3/2019 21:44:15 Type: Unk
Method: P4-ICP2(v3017) 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	5.1660	4.9993	5.2774	5.1667	5.2380	10.064	9.9392	.26530
Stddev	.0102	.0213	.0031	.0100	.0050	.092	.0919	.00002
%RSD	.19764	.42635	.05892	.19369	.09465	.91646	.92469	.00892
#1	5.1552	4.9797	5.2808	5.1736	5.2350	9.9769	9.8383	.26530
#2	5.1756	5.0220	5.2768	5.1712	5.2353	10.161	10.018	.26533
#3	5.1671	4.9963	5.2746	5.1552	5.2437	10.054	9.9611	.26528
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5583	25.659	.99872	2.6682	1.2611	5.0393	2.4623	25.615
Stddev	.0024	.041	.00211	.0034	.0012	.0064	.0041	.379
%RSD	.09304	.16118	.21138	.12922	.09107	.12647	.16506	1.4805
#1	2.5563	25.666	.99774	2.6685	1.2600	5.0397	2.4624	25.214
#2	2.5609	25.614	.99727	2.6715	1.2611	5.0328	2.4581	25.968
#3	2.5576	25.696	1.0011	2.6647	1.2623	5.0455	2.4663	25.662
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4928	1.2757	24.737	2.4896	2.6782	23.582	4.9393	4.7411
Stddev	.0012	.0008	.135	.0032	.0039	.148	.0032	.0241
%RSD	.04623	.06266	.54594	.12759	.14416	.62694	.06382	.50831
#1	2.4935	1.2760	24.594	2.4906	2.6764	23.486	4.9407	4.7348
#2	2.4934	1.2763	24.754	2.4860	2.6826	23.752	4.9415	4.7677
#3	2.4915	1.2748	24.863	2.4921	2.6756	23.507	4.9357	4.7207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9110	5.0903	5.2606	5.1943	4.7016	5.181	5.1818	F 8.8363
Stddev	.0311	.0531	.0108	.0125	.0472	.019	.0349	.1078
%RSD	.63346	1.0436	.20535	.24032	1.0033	.3687	.67351	1.2200
#1	4.8896	5.1350	5.2524	5.2078	4.7541	5.163	5.2192	8.7448
#2	4.9467	5.0316	5.2729	5.1917	4.6629	5.201	5.1501	8.9551
#3	4.8967	5.1045	5.2566	5.1833	4.6876	5.178	5.1760	8.8088

Sample Name: CCV10 Acquired: 4/3/2019 21:44:15 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg zF *****
Stddev -----
%RSD -----

#1 z 1953.6
#2 z 1921.7
#3 z 1929.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4433.9	51578.	6436.7	90.792	4329.2
Stddev	9.9	79.	59.4	2.284	13.7
%RSD	.22221	.15264	.92296	2.5152	.31613

#1	4441.2	51666.	6381.2	91.498	4338.3
#2	4422.7	51552.	6499.4	92.640	4313.5
#3	4437.9	51515.	6429.5	88.239	4335.9

Sample Name: CCB10 Acquired: 4/3/2019 21:48:23 Type: Unk
Method: P4-ICP2(v3017) 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	.00297	-.00007	-.00114	-.00065	.00365	-.01219	.00060	-.00072
Stddev	.00025	.00117	.00031	.00141	.00120	.01290	.00047	.00001
%RSD	8.4798	1668.8	26.876	215.61	32.910	105.86	77.932	2.0522
#1	.00310	.00067	-.00125	.00034	.00391	-.00042	.00106	-.00070
#2	.00313	-.00142	-.00137	-.00227	.00234	-.02599	.00061	-.00072
#3	.00268	.00054	-.00079	-.00003	.00470	-.01015	.00013	-.00073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01130	-.00106	.00016	-.00178	.00043	.00038	-.00235
Stddev	.00004	.01328	.00040	.00022	.00015	.00028	.00001	.00673
%RSD	61.011	117.60	38.103	135.29	8.5258	65.047	2.8894	286.66
#1	-.00003	-.00247	-.00061	.00032	-.00179	.00063	.00037	.00528
#2	-.00011	.01232	-.00119	-.00009	-.00162	.00055	.00039	-.00487
#3	-.00006	.02404	-.00138	.00026	-.00193	.00011	.00038	-.00745
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00046	.00142	-.00282	-.00100	.01331	-.00017	-.00738
Stddev	.00047	.00066	.00285	.00031	.00005	.01257	.00007	.00858
%RSD	25.750	142.71	199.95	11.045	5.3269	94.467	39.338	116.13
#1	-.00197	-.00030	-.00083	-.00265	-.00096	-.00121	-.00015	.00156
#2	-.00129	-.00119	.00462	-.00264	-.00098	.02042	-.00024	-.01553
#3	-.00218	.00010	.00048	-.00318	-.00106	.02070	-.00011	-.00819
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00841	-.00271	.00025	.00091	-.00113	F .2440	-.00218	F 6.1853
Stddev	.00193	.00120	.00066	.00139	.00190	.0003	.00008	.1724
%RSD	22.999	44.442	262.24	152.64	168.53	.1073	3.5212	2.7874
#1	-.00748	-.00272	.00052	-.00069	.00099	.2443	-.00213	6.2167
#2	-.00712	-.00390	.00074	.00167	-.00168	.2438	-.00214	5.9994
#3	-.01063	-.00150	-.00050	.00176	-.00269	.2441	-.00227	6.3399

Sample Name: CCB10 Acquired: 4/3/2019 21:48:23 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1759.7
#2	z 1730.4
#3	z 1734.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4647.1	53543.	6516.1	94.983	4856.9
Stddev	3.4	45.	38.2	1.877	4.3
%RSD	.07326	.08353	.58647	1.9761	.08886

#1	4646.6	53538.	6489.4	93.200	4851.9
#2	4643.9	53590.	6498.9	94.808	4859.1
#3	4650.7	53501.	6559.8	96.942	4859.6

Sample Name: K2203-02 Acquired: 4/3/2019 21:52:52 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-040219 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	-.00266	.00328	.00319	.00175	.13119	.15149	-.00062
Stddev	.00262	.00061	.00038	.00112	.00060	.00320	.00175	.00006
%RSD	228.11	22.877	11.505	34.983	34.168	2.4428	1.1533	9.3956

#1	-.00011	-.00296	.00338	.00201	.00110	.13261	.14951	-.00057
#2	-.00061	-.00196	.00360	.00332	.00186	.13344	.15279	-.00068
#3	.00416	-.00307	.00287	.00423	.00228	.12752	.15219	-.00061

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	16.046	-.00009	.01114	.00138	.25713	.67287	1.6489
Stddev	.00009	.006	.00049	.00018	.00031	.00059	.00728	.0799
%RSD	90.066	.03592	517.10	1.6354	22.769	.22920	1.0814	4.8443

#1	-.00004	16.040	-.00047	.01096	.00161	.25666	.66529	1.5886
#2	-.00005	16.052	-.00027	.01132	.00102	.25779	.67350	1.6187
#3	-.00019	16.045	.00046	.01113	.00150	.25693	.67980	1.7395

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00089	396.97	-.00329	.01931	1.2231	-.00006	-.00426
Stddev	.00022	.00026	4.10	.00038	.00012	.0617	.00009	.01012
%RSD	29.429	29.659	1.0327	11.419	.64136	5.0481	153.77	237.48

#1	.00087	-.00063	393.27	-.00372	.01918	1.2277	.00004	-.01512
#2	.00049	-.00086	401.38	-.00304	.01932	1.1591	-.00013	-.00257
#3	.00086	-.00116	396.25	-.00310	.01943	1.2824	-.00009	.00491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23347	.52714	-.00189	.00353	-.00066	.2485	.04727	9.2514
Stddev	.00220	.00351	.00020	.00126	.00056	.0014	.00023	.7294
%RSD	.94299	.66627	10.403	35.787	84.269	.5439	.47596	7.8837

#1	.23558	.52741	-.00192	.00401	-.00086	.2494	.04743	9.5166
#2	.23363	.53051	-.00168	.00450	-.00110	.2491	.04737	9.8111
#3	.23119	.52350	-.00207	.00210	-.00003	.2469	.04702	8.4266

Sample Name: K2203-02 Acquired: 4/3/2019 21:52:52 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-040219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 1790.6
 #2 z 1795.9
 #3 z 1794.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4271.1	49930.	6442.1	91.897	4143.2
Stddev	8.5	255.	29.2	.992	6.7
%RSD	.19972	.51010	.45322	1.0800	.16127

#1	4280.5	50219.	6413.6	90.767	4147.9
#2	4263.9	49834.	6440.8	92.300	4135.6
#3	4268.8	49738.	6472.0	92.625	4146.3

Sample Name: K2203-04 Acquired: 4/3/2019 21:57:27 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-040219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00256	.00599	.00329	.00245	.09698	.14323	-.00068
Stddev	.00324	.00049	.00017	.00204	.00080	.01009	.00179	.00002
%RSD	1410.5	19.133	2.8730	62.014	32.557	10.400	1.2526	3.2557

#1	-.00046	-.00266	.00596	.00334	.00162	.10352	.14171	-.00066
#2	-.00335	-.00203	.00618	.00530	.00321	.08537	.14278	-.00068
#3	.00312	-.00299	.00584	.00123	.00252	.10206	.14521	-.00070

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	18.492	-.00040	.00744	.00318	.03213	.70361	2.3543
Stddev	.00004	.049	.00025	.00001	.00054	.00056	.00239	.0658
%RSD	212.53	.26503	61.981	.11770	17.030	1.7580	.33966	2.7937

#1	.00003	18.534	-.00013	.00745	.00330	.03255	.70101	2.2853
#2	-.00006	18.504	-.00045	.00743	.00258	.03149	.70411	2.4163
#3	-.00004	18.438	-.00062	.00744	.00364	.03235	.70571	2.3613

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00068	389.81	-.00358	.03395	.75660	-.00010	-.00315
Stddev	.00036	.00056	6.07	.00025	.00019	.02628	.00022	.00087
%RSD	45.149	82.960	1.5582	6.9954	.55991	3.4738	214.08	27.618

#1	.00110	-.00033	389.92	-.00385	.03374	.77138	.00003	-.00216
#2	.00093	-.00132	383.68	-.00336	.03410	.77215	-.00035	-.00380
#3	.00040	-.00037	395.83	-.00353	.03402	.72625	.00002	-.00350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25598	.57543	-.00227	.00169	.00087	.2468	.05947	8.8935
Stddev	.00352	.00410	.00049	.00031	.00052	.0010	.00008	.2798
%RSD	1.3769	.71175	21.702	18.416	59.856	.4140	.13629	3.1466

#1	.25994	.57990	-.00247	.00203	.00102	.2457	.05949	8.5743
#2	.25484	.57186	-.00263	.00142	.00029	.2472	.05938	9.0966
#3	.25317	.57454	-.00171	.00161	.00130	.2476	.05954	9.0097

Sample Name: K2203-04 Acquired: 4/3/2019 21:57:27 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-040219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 1823.4
#2	Z 1810.2
#3	Z 1823.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4297.0	50227.	6425.8	93.531	4171.0
Stddev	12.5	70.	57.2	.984	10.8
%RSD	.28981	.13843	.89079	1.0516	.25873

#1	4311.1	50175.	6369.6	92.425	4183.4
#2	4287.6	50306.	6423.7	93.858	4164.2
#3	4292.2	50202.	6484.1	94.308	4165.4

Sample Name: K2214-04 Acquired: 4/3/2019 22:02:02 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00166	.00158	.00004	.00203	.06957	.05078	-.00071
Stddev	.00273	.00162	.00120	.00102	.00160	.01169	.00022	.00002
%RSD	263.96	97.586	75.959	2871.6	78.517	16.795	.42382	3.4937

#1	.00384	-.00163	.00296	-.00025	.00252	.08300	.05059	-.00073
#2	.00086	-.00331	.00105	-.00081	.00333	.06169	.05074	-.00069
#3	-.00161	-.00006	.00073	.00117	.00025	.06403	.05102	-.00072

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	5.0585	-.00034	.00024	.00146	.04138	.01441	.19690
Stddev	.00003	.0376	.00020	.00019	.00038	.00049	.00007	.01870
%RSD	22.095	.74273	59.430	78.302	26.184	1.1813	.50927	9.4989

#1	-.00015	5.0259	-.00027	.00016	.00124	.04122	.01447	.20581
#2	-.00016	5.0499	-.00018	.00046	.00124	.04100	.01443	.20948
#3	-.00010	5.0996	-.00056	.00011	.00190	.04193	.01432	.17541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00085	319.11	-.00293	.01021	.94515	.00016	-.00495
Stddev	.00006	.00028	2.12	.00067	.00007	.01467	.00024	.01252
%RSD	5.6009	32.853	.66482	22.781	.66070	1.5517	145.83	253.13

#1	-.00106	-.00067	317.86	-.00268	.01028	.95427	.00032	-.00782
#2	-.00112	-.00117	317.92	-.00242	.01022	.92823	.00028	.00876
#3	-.00119	-.00071	321.56	-.00368	.01014	.95294	-.00011	-.01578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10462	.32679	-.00251	.00241	-.00310	.2474	.04801	8.3669
Stddev	.00077	.00479	.00006	.00101	.00166	.0001	.00011	.1777
%RSD	.73607	1.4649	2.5241	41.843	53.497	.0326	.22428	2.1239

#1	.10374	.33224	-.00251	.00352	-.00495	.2475	.04811	8.2387
#2	.10516	.32484	-.00258	.00216	-.00177	.2473	.04802	8.2924
#3	.10497	.32328	-.00245	.00155	-.00257	.2474	.04790	8.5698

Sample Name: K2214-04 Acquired: 4/3/2019 22:02:02 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 1717.4
 #2 z 1743.4
 #3 z 1744.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4386.0	51059.	6494.4	94.025	4303.3
Stddev	20.8	168.	27.5	.852	14.3
%RSD	.47473	.32869	.42332	.90571	.33142

#1	4368.3	50885.	6465.4	94.517	4289.1
#2	4408.9	51074.	6497.8	93.042	4317.7
#3	4380.7	51219.	6520.1	94.517	4302.9

Sample Name: K2214-08 Acquired: 4/3/2019 22:06:40 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	-.00136	-.00042	.00252	.00205	.03524	.06381	-.00075
Stddev	.00216	.00103	.00018	.00303	.00092	.01356	.00037	.00010
%RSD	191.75	75.741	41.693	120.24	44.754	38.489	.58355	13.402

#1	.00226	-.00017	-.00024	.00344	.00162	.02047	.06357	-.00067
#2	.00249	-.00190	-.00059	.00499	.00310	.04713	.06424	-.00072
#3	-.00137	-.00202	-.00045	-.00086	.00142	.03813	.06362	-.00086

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	4.1991	.00023	-.00014	-.00022	.01578	.02536	.18748
Stddev	.00005	.0193	.00028	.00003	.00035	.00062	.00000	.03516
%RSD	68.729	.45978	119.93	21.478	160.27	3.9135	.01368	18.753

#1	-.00002	4.1798	.00052	-.00012	-.00032	.01550	.02536	.15852
#2	-.00010	4.1992	.00022	-.00013	-.00051	.01536	.02535	.22660
#3	-.00011	4.2184	-.00004	-.00017	.00017	.01649	.02536	.17732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00019	298.09	-.00321	.00902	.78663	-.00007	-.00337
Stddev	.00040	.00010	2.14	.00035	.00008	.01088	.00011	.00938
%RSD	68.019	51.104	.71671	10.757	.85579	1.3831	153.15	278.52

#1	-.00012	-.00010	295.91	-.00283	.00895	.77939	.00001	.00718
#2	-.00080	-.00018	298.18	-.00329	.00901	.78136	-.00003	-.00651
#3	-.00082	-.00029	300.18	-.00350	.00910	.79914	-.00020	-.01077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17016	.19045	-.00232	.00341	-.00149	.2477	.03699	9.1958
Stddev	.00287	.00282	.00071	.00044	.00212	.0006	.00014	.2002
%RSD	1.6867	1.4820	30.597	12.966	142.73	.2252	.37817	2.1771

#1	.17247	.19267	-.00273	.00327	-.00345	.2473	.03684	9.4028
#2	.17105	.19140	-.00150	.00306	-.00178	.2474	.03703	9.1813
#3	.16695	.18727	-.00273	.00391	.00077	.2483	.03711	9.0032

Sample Name: K2214-08 Acquired: 4/3/2019 22:06:40 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1723.9
#2	z 1727.0
#3	z 1720.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4376.8	51123.	6489.3	92.756	4281.8
Stddev	3.8	201.	22.8	.508	1.6
%RSD	.08631	.39340	.35093	.54813	.03842

#1	4376.4	51015.	6466.7	93.342	4283.7
#2	4373.2	50999.	6512.2	92.433	4280.6
#3	4380.8	51355.	6489.1	92.492	4281.0

Sample Name: K2221-02 Acquired: 4/3/2019 22:11:17 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10B(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00252	.00058	.00237	.00250	.79916	.14097	-.00060
Stddev	.00242	.00042	.00089	.00337	.00118	.01569	.00155	.00006
%RSD	134.08	16.538	154.20	142.63	47.121	1.9639	1.1029	10.643
#1	-.00051	-.00299	.00137	.00322	.00375	.79389	.14010	-.00054
#2	.00432	-.00221	.00075	.00523	.00235	.81681	.14277	-.00060
#3	.00161	-.00235	-.00039	-.00136	.00140	.78678	.14005	-.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	2.6152	.00124	.00060	.00662	.78379	.04112	.59018
Stddev	.00004	.0120	.00021	.00031	.00053	.00412	.00027	.03400
%RSD	50.853	.45936	17.218	51.231	7.9616	.52583	.65006	5.7612
#1	-.00013	2.6038	.00111	.00026	.00713	.78722	.04116	.55529
#2	-.00005	2.6141	.00148	.00086	.00607	.77922	.04084	.59201
#3	-.00008	2.6277	.00112	.00067	.00666	.78494	.04137	.62322
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00015	346.72	-.00173	.01860	.45515	-.00003	-.00522
Stddev	.00036	.00044	1.45	.00016	.00016	.03564	.00008	.00977
%RSD	38.286	295.67	.41822	9.5317	.85855	7.8309	243.38	186.93
#1	.00117	.00003	348.21	-.00180	.01874	.41400	.00002	.00350
#2	.00115	-.00064	346.64	-.00154	.01843	.47588	-.00012	-.00340
#3	.00053	.00017	345.31	-.00185	.01863	.47558	.00000	-.01577
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18117	1.0514	-.00248	.03546	-.00004	.2659	.04276	9.2680
Stddev	.00205	.0207	.00098	.00031	.00095	.0005	.00037	.4874
%RSD	1.1296	1.9664	39.448	.87447	2501.7	.1776	.86772	5.2594
#1	.17926	1.0516	-.00196	.03548	.00070	.2654	.04241	9.5223
#2	.18333	1.0306	-.00187	.03514	-.00111	.2663	.04272	9.5756
#3	.18092	1.0719	-.00361	.03575	.00030	.2658	.04315	8.7059

Sample Name: K2221-02 Acquired: 4/3/2019 22:11:17 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10B(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1740.0
#2	z 1723.1
#3	z 1733.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4327.7	50467.	6445.3	92.792	4222.8
Stddev	5.5	200.	83.8	2.676	7.7
%RSD	.12740	.39555	1.3004	2.8842	.18139

#1	4328.6	50238.	6413.5	95.783	4216.3
#2	4321.8	50604.	6540.4	91.967	4220.8
#3	4332.8	50559.	6382.1	90.625	4231.2

Sample Name: K2221-04 Acquired: 4/3/2019 22:15:51 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2B(2-10)COM 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	-.00192	.00355	.00072	.00176	.08091	.15203	-.00064
Stddev	.00147	.00031	.00052	.00214	.00096	.00526	.00114	.00003
%RSD	560.42	15.976	14.616	298.21	54.514	6.5030	.74921	4.2014

#1	-.00193	-.00227	.00379	-.00150	.00252	.07869	.15268	-.00067
#2	.00033	-.00181	.00392	.00089	.00208	.08691	.15072	-.00064
#3	.00082	-.00169	.00296	.00277	.00068	.07712	.15271	-.00061

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	25.764	.00279	.00696	.02037	.04369	.76544	3.7140
Stddev	.00003	.083	.00049	.00026	.00035	.00161	.00431	.0240
%RSD	6.6246	.32298	17.629	3.7539	1.7327	3.6843	.56348	.64507

#1	.00051	25.668	.00223	.00721	.02014	.04356	.76050	3.6999
#2	.00045	25.809	.00299	.00669	.02019	.04214	.76734	3.7004
#3	.00047	25.816	.00315	.00697	.02077	.04535	.76848	3.7416

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00736	-.00055	326.70	-.00338	.05057	1.0949	-.00021	-.00829
Stddev	.00022	.00026	4.50	.00015	.00021	.0453	.00030	.00437
%RSD	2.9746	47.665	1.3784	4.5084	.42478	4.1400	147.35	52.742

#1	.00713	-.00055	322.24	-.00343	.05082	1.1058	.00012	-.01132
#2	.00756	-.00082	326.64	-.00321	.05044	1.1338	-.00048	-.00328
#3	.00740	-.00029	331.24	-.00350	.05045	1.0451	-.00026	-.01027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11614	.66831	-.00217	.00258	.00169	.2462	.07839	9.3544
Stddev	.00610	.00632	.00054	.00148	.00235	.0015	.00010	.4632
%RSD	5.2558	.94611	24.795	57.314	138.54	.6270	.12856	4.9519

#1	.12318	.66153	-.00239	.00256	-.00044	.2449	.07850	9.7101
#2	.11280	.66938	-.00257	.00111	.00131	.2479	.07835	9.5225
#3	.11243	.67404	-.00156	.00407	.00421	.2458	.07832	8.8306

Sample Name: K2221-04 Acquired: 4/3/2019 22:15:51 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1831.1
#2	z 1850.4
#3	z 1869.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4322.7	50495.	6450.3	92.697	4219.7
Stddev	10.8	146.	53.5	1.911	.9
%RSD	.25065	.28853	.83007	2.0621	.02015

#1	4316.0	50660.	6505.5	90.492	4220.3
#2	4316.9	50444.	6398.5	93.725	4220.1
#3	4335.2	50383.	6446.8	93.875	4218.7

Sample Name: K2222-02 Acquired: 4/3/2019 22:20:26 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00154	.38504	.00255	.00168	.14426	.20451	-.00066
Stddev	.00265	.00041	.00077	.00266	.00187	.01298	.00080	.00007
%RSD	1877.4	26.503	.19881	104.15	111.41	8.9995	.39355	10.755

#1	.00132	-.00109	.38430	.00520	.00373	.13328	.20442	-.00065
#2	-.00289	-.00189	.38583	.00256	.00124	.15858	.20536	-.00073
#3	.00200	-.00164	.38500	-.00011	.00006	.14091	.20376	-.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	29.845	.00079	.00733	.04445	.31720	.51056	2.0369
Stddev	.00007	.149	.00017	.00010	.00017	.00166	.00142	.0436
%RSD	2.1431	.49910	21.377	1.3606	.38713	.52368	.27807	2.1383

#1	.00325	29.674	.00095	.00741	.04463	.31555	.51036	2.0041
#2	.00312	29.941	.00062	.00735	.04429	.31718	.50926	2.0204
#3	.00321	29.921	.00079	.00722	.04444	.31887	.51207	2.0863

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02123	-.00037	306.69	-.00289	1.4611	1.1071	-.00024	.03306
Stddev	.00077	.00088	1.85	.00035	.0016	.0144	.00026	.00183
%RSD	3.6070	236.38	.60157	12.053	.10788	1.3020	111.17	5.5328

#1	.02210	.00018	304.58	-.00264	1.4593	1.1032	.00002	.03124
#2	.02066	-.00138	307.98	-.00328	1.4620	1.1231	-.00023	.03303
#3	.02093	.00009	307.52	-.00273	1.4620	1.0950	-.00050	.03490

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4179	1.0131	-.00124	.00591	.00368	.2942	.10509	8.9790
Stddev	.0115	.0063	.00027	.00070	.00048	.0012	.00068	.2868
%RSD	.47617	.62093	21.637	11.770	13.118	.4152	.64565	3.1938

#1	2.4255	1.0070	-.00121	.00643	.00312	.2934	.10444	9.2490
#2	2.4236	1.0127	-.00099	.00618	.00398	.2956	.10579	9.0101
#3	2.4047	1.0195	-.00153	.00512	.00393	.2935	.10505	8.6780

Sample Name: K2222-02 Acquired: 4/3/2019 22:20:26 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1870.9
#2	z 1874.7
#3	z 1888.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4316.0	50400.	6439.1	92.158	4244.4
Stddev	13.4	131.	24.5	.526	9.9
%RSD	.30957	.25999	.38045	.57125	.23253

#1	4326.4	50255.	6462.3	91.983	4253.6
#2	4320.8	50510.	6441.4	91.742	4245.7
#3	4300.9	50436.	6413.5	92.750	4233.9

Sample Name: K2227-02 Acquired: 4/3/2019 22:24:56 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	-.00170	.00260	.00139	.00017	.10081	.26003	-.00075
Stddev	.00056	.00015	.00061	.00352	.00141	.00614	.00226	.00002
%RSD	19.430	8.6476	23.384	253.63	827.82	6.0888	.86859	3.3276

#1	.00350	-.00153	.00322	-.00194	.00143	.09771	.25742	-.00076
#2	.00269	-.00180	.00201	.00104	.00043	.09684	.26147	-.00076
#3	.00243	-.00177	.00257	.00508	-.00135	.10788	.26118	-.00072

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	205.43	.03871	.00013	-.00121	.00037	-.00039	.04729
Stddev	.00001	1.60	.00026	.00019	.00022	.00102	.00006	.03065
%RSD	4.2534	.77649	.66467	148.89	18.025	276.58	16.334	64.811

#1	-.00025	206.63	.03900	.00020	-.00136	.00153	-.00043	.03222
#2	-.00026	206.03	.03854	-.00009	-.00131	-.00037	-.00031	.08255
#3	-.00027	203.62	.03858	.00028	-.00096	-.00006	-.00042	.02709

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00374	-.00101	351.70	-.00210	.00789	6.7080	.01002	-.01338
Stddev	.00027	.00043	4.10	.00044	.00005	.0095	.00021	.00487
%RSD	7.1231	42.274	1.1662	21.140	.62614	.14233	2.1185	36.351

#1	-.00367	-.00075	348.62	-.00251	.00792	6.6984	.01026	-.01090
#2	-.00352	-.00078	356.36	-.00163	.00792	6.7175	.00994	-.01899
#3	-.00404	-.00150	350.12	-.00218	.00784	6.7082	.00986	-.01026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8183	.59793	-.00204	-.00422	.01278	.2403	.21111	10.739
Stddev	.0104	.00651	.00078	.00050	.00113	.0011	.00033	.236
%RSD	.56926	1.0892	38.237	11.770	8.8389	.4740	.15467	2.1992

#1	1.8279	.60435	-.00200	-.00370	.01256	.2416	.21146	10.879
#2	1.8073	.59810	-.00283	-.00469	.01178	.2396	.21106	10.466
#3	1.8198	.59133	-.00128	-.00428	.01401	.2397	.21081	10.871

Sample Name: K2227-02 Acquired: 4/3/2019 22:24:56 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg Z *****
 Stddev -----
 %RSD -----

#1 Z 2120.0
 #2 Z 2107.8
 #3 Z 2104.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4195.6	49357.	6339.7	90.871	4076.4
Stddev	6.5	75.	40.2	.566	4.1
%RSD	.15462	.15234	.63357	.62263	.09989

#1	4199.8	49312.	6297.0	91.243	4076.5
#2	4188.1	49315.	6345.3	91.150	4072.2
#3	4198.8	49444.	6376.8	90.220	4080.3

Sample Name: K2227-04 Acquired: 4/3/2019 22:29:31 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00086	.00230	-.00034	.00041	.11888	.20996	-.00080
Stddev	.00100	.00087	.00020	.00177	.00197	.00982	.00386	.00004
%RSD	2210.1	100.96	8.6335	517.75	475.29	8.2621	1.8367	5.3634

#1	-.00056	-.00186	.00210	.00061	.00201	.11165	.20610	-.00076
#2	.00120	-.00039	.00230	.00074	.00101	.13006	.21381	-.00080
#3	-.00050	-.00033	.00250	-.00238	-.00178	.11494	.20998	-.00085

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	201.25	.10570	.00012	-.00121	-.00094	-.00064	.04814
Stddev	.00004	1.01	.00106	.00009	.00028	.00045	.00010	.02835
%RSD	16.942	.50020	.99917	78.696	23.179	47.405	16.341	58.903

#1	-.00024	202.34	.10667	.00014	-.00131	-.00124	-.00074	.05389
#2	-.00020	200.36	.10458	.00020	-.00089	-.00043	-.00063	.01735
#3	-.00028	201.04	.10586	.00001	-.00142	-.00115	-.00053	.07317

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	-.00092	349.74	-.00133	.00787	7.0474	.00820	-.00181
Stddev	.00023	.00023	2.21	.00044	.00007	.0818	.00027	.01223
%RSD	6.5234	24.602	.63102	33.257	.84105	1.1605	3.3013	677.36

#1	-.00344	-.00081	347.69	-.00153	.00779	6.9671	.00794	-.01187
#2	-.00340	-.00076	352.07	-.00082	.00792	7.1306	.00819	-.00535
#3	-.00382	-.00118	349.45	-.00164	.00789	7.0446	.00848	.01181

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3242	.84558	-.00108	-.00424	.01191	.2407	.19159	9.8333
Stddev	.0332	.01652	.00019	.00131	.00058	.0013	.00043	.1645
%RSD	1.4276	1.9532	17.818	30.926	4.8383	.5319	.22362	1.6731

#1	2.2905	.86412	-.00087	-.00483	.01257	.2420	.19182	9.7841
#2	2.3568	.83245	-.00111	-.00274	.01159	.2405	.19185	10.017
#3	2.3254	.84016	-.00125	-.00515	.01156	.2395	.19109	9.6991

Sample Name: K2227-04 Acquired: 4/3/2019 22:29:31 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 2112.1
#2	Z 2098.4
#3	Z 2100.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4157.2	49243.	6280.5	88.682	4042.5
Stddev	14.1	116.	77.7	1.394	17.2
%RSD	.33984	.23519	1.2366	1.5725	.42457

#1	4173.2	49377.	6191.7	87.216	4062.2
#2	4146.4	49174.	6335.3	89.992	4030.7
#3	4151.9	49178.	6314.7	88.839	4034.7

Sample Name: K2227-06 Acquired: 4/3/2019 22:34:06 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00262	.00177	.00108	.00053	-.02979	.11922	-.00076
Stddev	.00062	.00146	.00036	.00256	.00059	.00904	.00129	.00003
%RSD	26.295	55.834	20.419	238.01	112.27	30.340	1.0834	3.5032

#1	.00309	-.00195	.00146	.00256	.00100	-.03979	.11921	-.00079
#2	.00210	-.00430	.00216	.00255	.00072	-.02222	.12051	-.00075
#3	.00193	-.00162	.00167	-.00188	-.00014	-.02734	.11793	-.00073

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	163.80	.09153	.00006	-.00175	-.01001	-.00069	.94509
Stddev	.00004	.89	.00107	.00028	.00062	.00027	.00001	.00418
%RSD	18.651	.54230	1.1691	486.56	35.245	2.6636	.99937	.44181

#1	-.00020	163.42	.09253	.00011	-.00245	-.00983	-.00069	.94505
#2	-.00022	163.17	.09040	-.00025	-.00127	-.00989	-.00069	.94094
#3	-.00028	164.82	.09165	.00031	-.00153	-.01032	-.00068	.94929

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00377	-.00110	328.69	.01020	.00306	4.1120	.00770	-.00105
Stddev	.00052	.00022	1.36	.00008	.00011	.0363	.00011	.01507
%RSD	13.679	20.187	.41335	.76302	3.7249	.88233	1.4523	1429.5

#1	-.00436	-.00117	328.01	.01029	.00298	4.0855	.00767	-.01094
#2	-.00349	-.00085	327.81	.01015	.00302	4.1534	.00782	-.00851
#3	-.00344	-.00128	330.25	.01016	.00319	4.0972	.00760	.01629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1210	3.9173	-.00238	-.00324	.00776	.2422	.13478	9.9781
Stddev	.0179	.0484	.00129	.00072	.00098	.0001	.00059	.1611
%RSD	.57294	1.2360	54.389	22.347	12.652	.0352	.43940	1.6146

#1	3.1393	3.9394	-.00349	-.00288	.00702	.2422	.13426	9.8140
#2	3.1201	3.8618	-.00096	-.00276	.00740	.2422	.13542	9.9841
#3	3.1035	3.9508	-.00269	-.00407	.00888	.2421	.13467	10.136

Sample Name: K2227-06 Acquired: 4/3/2019 22:34:06 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	Z *****
Stddev	-----
%RSD	-----

#1	Z 2078.8
#2	Z 2054.2
#3	Z 2106.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4182.7	48937.	6234.5	89.701	4081.6
Stddev	12.2	52.	44.4	.958	20.0
%RSD	.29081	.10588	.71203	1.0679	.49045

#1	4171.2	48907.	6211.5	88.814	4059.2
#2	4195.4	48907.	6285.7	90.717	4087.9
#3	4181.4	48997.	6206.4	89.571	4097.7

Sample Name: CCV11 Acquired: 4/3/2019 22:38:41 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14806 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1962	5.0403	5.3062	5.1884	5.2512	9.9403	9.8957	.26581
Stddev	.0038	.0098	.0100	.0150	.0073	.0834	.0679	.00023
%RSD	.07329	.19421	.18839	.28960	.13888	.83905	.68611	.08730
#1	5.1937	5.0353	5.2970	5.1736	5.2430	10.033	9.9536	.26584
#2	5.1943	5.0516	5.3168	5.2036	5.2534	9.9149	9.8210	.26603
#3	5.2006	5.0341	5.3048	5.1880	5.2571	9.8725	9.9125	.26557
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5710	25.827	1.0034	2.6873	1.2665	5.0486	2.4617	25.436
Stddev	.0014	.078	.0009	.0029	.0017	.0138	.0023	.179
%RSD	.05277	.30077	.08997	.10901	.13117	.27257	.09522	.70240
#1	2.5695	25.812	1.0042	2.6858	1.2671	5.0572	2.4590	25.616
#2	2.5720	25.758	1.0036	2.6855	1.2646	5.0559	2.4626	25.432
#3	2.5716	25.911	1.0024	2.6907	1.2678	5.0328	2.4634	25.259
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5004	1.2801	24.503	2.4932	2.6949	23.408	4.9479	4.6843
Stddev	.0023	.0015	.075	.0055	.0034	.073	.0040	.0245
%RSD	.09306	.12080	.30527	.21965	.12784	.31388	.08186	.52316
#1	2.4998	1.2818	24.538	2.4978	2.6919	23.422	4.9438	4.6562
#2	2.5030	1.2787	24.554	2.4947	2.6941	23.473	4.9519	4.6950
#3	2.4985	1.2798	24.417	2.4871	2.6987	23.329	4.9482	4.7015
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9295	5.1495	5.3152	5.2136	4.6942	5.226	5.2374	F 9.4797
Stddev	.0198	.0512	.0120	.0125	.0274	.016	.0294	.1483
%RSD	.40138	.99323	.22487	.23960	.58292	.3057	.56107	1.5644
#1	4.9286	5.0945	5.3051	5.2238	4.6644	5.209	5.2048	9.6451
#2	4.9498	5.1584	5.3284	5.1997	4.7003	5.241	5.2456	9.4357
#3	4.9102	5.1956	5.3121	5.2175	4.7181	5.229	5.2619	9.3584

Sample Name: CCV11 Acquired: 4/3/2019 22:38:41 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14806 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1965.2
#2	z 1956.4
#3	z 1945.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4450.6	51506.	6318.9	89.469	4341.4
Stddev	4.3	79.	41.7	1.020	3.5
%RSD	.09733	.15377	.66051	1.1403	.08101

#1	4455.4	51426.	6365.3	90.326	4345.4
#2	4447.0	51507.	6306.9	88.341	4338.7
#3	4449.5	51585.	6284.4	89.740	4340.2

Sample Name: CCB11 Acquired: 4/3/2019 22:42:49 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14806 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00523	-.00048	-.00074	.00161	.00252	-.01535	.00122	-.00068
Stddev	.00180	.00091	.00079	.00176	.00087	.00705	.00012	.00004
%RSD	34.357	191.85	107.01	109.20	34.557	45.900	10.102	5.9764
#1	.00726	.00024	-.00000	.00160	.00304	-.01130	.00119	-.00072
#2	.00384	-.00151	-.00158	.00339	.00300	-.01126	.00111	-.00064
#3	.00460	-.00016	-.00064	-.00014	.00151	-.02348	.00136	-.00068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01639	-.00108	.00032	-.00183	.00214	.00033	.01788
Stddev	.00003	.01054	.00055	.00012	.00058	.00076	.00011	.02575
%RSD	51.084	64.333	51.069	38.690	31.850	35.479	31.754	144.03
#1	-.00004	.00447	-.00107	.00027	-.00119	.00300	.00044	.01047
#2	-.00009	.02451	-.00163	.00022	-.00233	.00189	.00023	-.00336
#3	-.00003	.02017	-.00053	.00045	-.00196	.00154	.00033	.04652
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00041	.05183	-.00306	-.00101	-.04165	.00017	-.01063
Stddev	.00014	.00041	.00391	.00005	.00017	.03110	.00029	.00798
%RSD	8.7114	101.69	7.5353	1.6594	17.030	74.675	163.42	75.063
#1	-.00177	-.00035	.05107	-.00303	-.00086	-.04096	.00050	-.01512
#2	-.00148	-.00084	.05606	-.00312	-.00098	-.07310	-.00002	-.00142
#3	-.00165	-.00003	.04836	-.00304	-.00120	-.01090	.00005	-.01535
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00818	-.00252	.00042	.00023	-.00268	F .2441	-.00213	F 7.8533
Stddev	.00171	.00173	.00079	.00208	.00107	.0010	.00003	.4201
%RSD	20.842	68.706	188.58	913.64	40.142	.4102	1.4929	5.3497
#1	-.00724	-.00228	.00060	.00061	-.00191	.2452	-.00214	7.4831
#2	-.00715	-.00436	.00110	.00209	-.00390	.2436	-.00215	8.3099
#3	-.01015	-.00092	-.00045	-.00201	-.00222	.2434	-.00209	7.7670

Sample Name: CCB11 Acquired: 4/3/2019 22:42:49 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14806 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1763.3
#2	z 1732.1
#3	z 1748.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4543.8	52325.	6330.2	93.092	4744.3
Stddev	12.5	102.	76.3	.974	16.4
%RSD	.27401	.19417	1.2047	1.0467	.34581

#1	4529.5	52220.	6296.9	92.542	4727.9
#2	4549.8	52423.	6417.4	94.217	4744.3
#3	4552.1	52332.	6276.2	92.517	4760.8

Sample Name: K2227-08 Acquired: 4/3/2019 22:47:18 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL 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	-.00115	.00242	.00372	.00050	.09390	.15044	-.00080
Stddev	.00304	.00107	.00119	.00095	.00048	.00738	.00177	.00001
%RSD	98.935	93.282	49.210	25.465	96.289	7.8631	1.1776	1.0089

#1	.00334	-.00117	.00219	.00263	-.00005	.09845	.14867	-.00080
#2	.00596	-.00221	.00371	.00428	.00086	.08538	.15221	-.00080
#3	-.00009	-.00007	.00136	.00426	.00069	.09787	.15045	-.00079

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	178.00	.09541	.00028	-.00168	-.00512	-.00033	.05786
Stddev	.00004	1.46	.00013	.00019	.00017	.00061	.00004	.05329
%RSD	15.774	.82175	.13462	68.040	9.8907	11.854	12.032	92.102

#1	-.00019	178.35	.09526	.00015	-.00153	-.00582	-.00034	.01311
#2	-.00026	176.39	.09547	.00019	-.00165	-.00480	-.00037	.11681
#3	-.00026	179.25	.09550	.00050	-.00186	-.00475	-.00029	.04365

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	-.00099	335.60	.00043	.00593	5.0202	.00792	-.00737
Stddev	.00022	.00068	3.17	.00031	.00017	.0416	.00009	.01155
%RSD	6.1975	68.524	.94457	72.269	2.9494	.82885	1.1391	156.69

#1	-.00374	-.00114	333.61	.00061	.00613	4.9767	.00790	-.01065
#2	-.00331	-.00025	333.93	.00060	.00581	5.0241	.00803	-.01692
#3	-.00349	-.00158	339.25	.00007	.00586	5.0596	.00785	.00546

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5146	1.4854	-.00107	-.00328	.00690	.2415	.15652	10.050
Stddev	.0153	.0071	.00039	.00309	.00104	.0005	.00016	.417
%RSD	.60816	.47533	36.007	94.251	15.150	.2250	.10006	4.1532

#1	2.5025	1.4935	-.00066	-.00677	.00578	.2413	.15670	9.9954
#2	2.5318	1.4807	-.00143	-.00219	.00708	.2411	.15642	9.6631
#3	2.5094	1.4820	-.00113	-.00088	.00784	.2422	.15643	10.493

Sample Name: K2227-08 Acquired: 4/3/2019 22:47:18 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg z *****
Stddev -----
%RSD -----

#1 z 2077.2
#2 z 2085.2
#3 z 2076.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4183.0	49160.	6277.6	90.808	4067.2
Stddev	13.3	64.	68.8	1.581	16.6
%RSD	.31774	.12919	1.0964	1.7410	.40908

#1	4171.5	49224.	6223.7	89.083	4051.3
#2	4180.0	49157.	6355.1	92.189	4065.8
#3	4197.6	49097.	6253.9	91.151	4084.5

Sample Name: K2228-01 Acquired: 4/3/2019 22:51:53 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SB-3(0.5-1.5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	-.00113	.00395	.00101	.00020	-.03948	.17951	-.00081
Stddev	.00147	.00011	.00101	.00190	.00156	.01632	.00241	.00003
%RSD	54.879	9.8391	25.444	188.40	761.66	41.338	1.3434	3.5355

#1	.00153	-.00125	.00445	.00320	.00185	-.02316	.17906	-.00082
#2	.00216	-.00104	.00279	-.00014	-.00125	-.03947	.18212	-.00077
#3	.00433	-.00109	.00461	-.00004	.00001	-.05581	.17736	-.00082

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	174.94	.00087	.00042	.00287	-.00471	.06504	2.0514
Stddev	.00004	1.35	.00039	.00010	.00006	.00049	.00045	.0096
%RSD	9.3084	.77154	44.592	23.578	2.0358	10.407	.69282	.47004

#1	.00038	174.05	.00065	.00053	.00281	-.00465	.06479	2.0611
#2	.00042	174.28	.00131	.00041	.00292	-.00426	.06556	2.0512
#3	.00035	176.50	.00064	.00033	.00289	-.00523	.06478	2.0419

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	-.00125	284.65	-.00137	.10662	2.2103	.00152	.00937
Stddev	.00037	.00035	1.76	.00029	.00007	.0308	.00010	.01445
%RSD	9.6088	28.273	.61985	21.474	.06289	1.3953	6.5065	154.22

#1	.00343	-.00165	286.23	-.00160	.10662	2.1855	.00159	.02387
#2	.00402	-.00097	282.74	-.00104	.10669	2.2449	.00141	.00927
#3	.00412	-.00113	284.97	-.00146	.10656	2.2006	.00156	-.00503

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4576	3.0104	-.00254	-.00317	.00757	.2676	.47817	9.6182
Stddev	.0100	.0147	.00053	.00134	.00039	.0013	.00114	.1961
%RSD	.40734	.48818	20.736	42.301	5.1430	.5034	.23895	2.0385

#1	2.4615	2.9947	-.00300	-.00461	.00713	.2669	.47756	9.8445
#2	2.4651	3.0127	-.00197	-.00196	.00772	.2668	.47746	9.5003
#3	2.4462	3.0239	-.00266	-.00294	.00786	.2692	.47948	9.5098

Sample Name: K2228-01 Acquired: 4/3/2019 22:51:53 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-3(0.5-1.5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 2069.7
#2	z 2081.2
#3	z 2103.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4250.6	49833.	6363.6	91.143	4160.0
Stddev	7.4	236.	32.4	2.569	11.1
%RSD	.17295	.47360	.50974	2.8185	.26671

#1	4245.0	49626.	6349.8	88.241	4154.8
#2	4247.8	49782.	6400.6	93.127	4152.4
#3	4258.9	50090.	6340.2	92.059	4172.7

Sample Name: K2228-02 Acquired: 4/3/2019 22:56:25 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	-.00213	.02632	.00082	.00188	-.04150	.20489	-.00075
Stddev	.00260	.00149	.00054	.00118	.00249	.01813	.00134	.00001
%RSD	48.805	69.598	2.0366	143.51	132.09	43.690	.65298	1.0967

#1	.00787	-.00200	.02604	-.00045	.00144	-.02980	.20435	-.00074
#2	.00267	-.00072	.02599	.00188	-.00035	-.03231	.20391	-.00076
#3	.00546	-.00368	.02694	.00104	.00456	-.06238	.20642	-.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	149.40	-.00039	.00231	-.00096	-.00722	.35196	4.4875
Stddev	.00004	1.91	.00037	.00024	.00035	.00028	.00075	.0166
%RSD	116.70	1.2810	93.442	10.453	36.661	3.9068	.21201	.37026

#1	-.00001	147.38	-.00000	.00203	-.00093	-.00728	.35132	4.4819
#2	-.00001	151.19	-.00045	.00246	-.00063	-.00691	.35179	4.4744
#3	-.00007	149.63	-.00073	.00244	-.00133	-.00747	.35278	4.5061

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	-.00116	317.92	-.00073	.14775	1.0195	.00105	.01393
Stddev	.00067	.00031	1.77	.00021	.00036	.0331	.00053	.00832
%RSD	14.109	26.847	.55523	29.316	.24083	3.2431	50.647	59.708

#1	.00398	-.00080	317.93	-.00079	.14759	.99260	.00131	.01670
#2	.00517	-.00131	319.68	-.00050	.14750	1.0564	.00139	.00458
#3	.00511	-.00135	316.15	-.00091	.14816	1.0096	.00044	.02052

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3386	1.7263	-.00212	-.00278	.00555	.2776	.33895	9.8130
Stddev	.0076	.0231	.00035	.00085	.00092	.0010	.00440	.1929
%RSD	.56779	1.3352	16.576	30.711	16.637	.3479	1.2967	1.9654

#1	1.3361	1.7066	-.00228	-.00269	.00460	.2779	.33453	9.8845
#2	1.3327	1.7516	-.00172	-.00367	.00561	.2784	.34332	9.5946
#3	1.3472	1.7206	-.00237	-.00197	.00644	.2765	.33899	9.9599

Sample Name: K2228-02 Acquired: 4/3/2019 22:56:25 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3(7-8) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units Cts/S
 Avg z *****
 Stddev -----
 %RSD -----

#1 z 2046.2
 #2 z 2056.6
 #3 z 2046.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4228.4	49747.	6386.0	90.749	4120.7
Stddev	10.9	110.	42.9	1.703	10.9
%RSD	.25733	.22112	.67242	1.8770	.26549

#1	4228.1	49846.	6430.5	92.708	4117.4
#2	4239.4	49768.	6344.8	89.618	4132.9
#3	4217.7	49629.	6382.7	89.921	4111.8

Sample Name: K2228-03 Acquired: 4/3/2019 23:00:58 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SB-6(0.5-1.5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00423	-.00343	.00813	-.00154	.00057	-.06223	.32139	-.00078
Stddev	.00218	.00026	.00059	.00244	.00138	.00552	.00329	.00006
%RSD	51.540	7.5157	7.2116	158.28	240.85	8.8769	1.0238	7.6974

#1	.00480	-.00314	.00846	.00040	-.00030	-.06668	.31767	-.00073
#2	.00607	-.00348	.00848	-.00427	-.00015	-.06395	.32257	-.00085
#3	.00182	-.00365	.00746	-.00074	.00216	-.05605	.32392	-.00076

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	190.98	.00671	.00020	-.00023	-.00528	.07705	4.0090
Stddev	.00013	2.28	.00038	.00015	.00027	.00033	.00069	.0217
%RSD	168.82	1.1941	5.7217	77.034	120.64	6.1951	.89179	.54164

#1	-.00011	189.65	.00654	.00031	-.00043	-.00545	.07645	3.9863
#2	-.00018	189.69	.00715	.00002	.00008	-.00548	.07691	4.0296
#3	.00006	193.62	.00644	.00026	-.00033	-.00490	.07780	4.0112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00097	322.31	-.00028	.07286	1.6977	.00005	.01524
Stddev	.00035	.00062	1.76	.00035	.00038	.0168	.00005	.00903
%RSD	48.825	63.605	.54664	124.62	.52602	.99133	113.53	59.248

#1	-.00076	-.00164	320.61	-.00023	.07255	1.6889	.00005	.02510
#2	-.00103	-.00042	322.20	-.00065	.07329	1.7171	.00010	.01326
#3	-.00034	-.00085	324.13	.00004	.07275	1.6871	-.00001	.00737

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2996	1.2074	-.00183	-.00243	.00621	.3046	.45152	9.8245
Stddev	.0083	.0075	.00054	.00093	.00191	.0013	.00421	.3107
%RSD	.63676	.62025	29.768	38.454	30.755	.4429	.93139	3.1629

#1	1.3076	1.1992	-.00168	-.00236	.00409	.3053	.44924	10.150
#2	1.3002	1.2090	-.00137	-.00153	.00779	.3055	.44895	9.7915
#3	1.2911	1.2139	-.00243	-.00339	.00676	.3031	.45638	9.5316

Sample Name: K2228-03 Acquired: 4/3/2019 23:00:58 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6(0.5-1.5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 2076.8
#2	z 2092.3
#3	z 2107.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4220.4	49517.	6352.1	90.604	4106.0
Stddev	9.2	169.	45.5	1.231	6.9
%RSD	.21699	.34106	.71638	1.3585	.16874

#1	4231.0	49684.	6338.7	89.753	4112.1
#2	4214.8	49519.	6402.7	92.015	4107.5
#3	4215.4	49347.	6314.7	90.044	4098.4

Sample Name: K2228-04 Acquired: 4/3/2019 23:05:32 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SB-6(6.5-7.5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	-.00299	.00367	-.00000	.00112	-.05967	.26415	-.00078
Stddev	.00266	.00071	.00137	.00222	.00050	.01427	.00295	.00012
%RSD	65.176	23.650	37.307	77787.	45.061	23.921	1.1152	15.477

#1	.00590	-.00245	.00210	.00234	.00054	-.04928	.26143	-.00080
#2	.00533	-.00272	.00463	-.00027	.00148	-.05379	.26373	-.00088
#3	.00103	-.00379	.00428	-.00208	.00134	-.07595	.26728	-.00064

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	213.14	.00192	.00003	-.00148	-.01713	.02816	8.8613
Stddev	.00003	1.57	.00016	.00026	.00028	.00043	.00026	.0862
%RSD	29.978	.73749	8.1975	939.47	19.103	2.5209	.91148	.97293

#1	-.00008	211.59	.00192	.00019	-.00118	-.01704	.02793	8.7622
#2	-.00011	213.09	.00209	.00017	-.00174	-.01676	.02844	8.9035
#3	-.00015	214.74	.00177	-.00027	-.00151	-.01760	.02810	8.9184

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00132	350.62	.00066	.03682	1.7789	.00138	.02278
Stddev	.00025	.00018	3.18	.00025	.00013	.0562	.00024	.01649
%RSD	10.217	13.526	.90677	37.852	.34890	3.1569	17.653	72.379

#1	-.00274	-.00152	347.32	.00039	.03696	1.7746	.00142	.01005
#2	-.00229	-.00120	353.66	.00088	.03671	1.7250	.00112	.01688
#3	-.00233	-.00123	350.88	.00072	.03680	1.8371	.00161	.04141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9781	8.8365	-.00228	-.00337	.00600	.2932	.84955	9.6711
Stddev	.0157	.0285	.00076	.00059	.00051	.0006	.00517	.3885
%RSD	.79327	.32225	33.294	17.375	8.4429	.2201	.60888	4.0175

#1	1.9905	8.8168	-.00201	-.00276	.00649	.2931	.84448	10.119
#2	1.9604	8.8691	-.00315	-.00392	.00602	.2938	.84934	9.4342
#3	1.9832	8.8235	-.00170	-.00343	.00548	.2926	.85482	9.4595

Sample Name: K2228-04 Acquired: 4/3/2019 23:05:32 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-6(6.5-7.5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 2101.3
#2	z 2142.7
#3	z 2124.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4232.3	49958.	6385.4	89.608	4118.9
Stddev	4.7	249.	40.5	.559	10.9
%RSD	.11141	.49794	.63390	.62438	.26500

#1	4227.6	50231.	6427.8	89.600	4107.8
#2	4232.3	49744.	6347.1	89.052	4129.6
#3	4237.0	49899.	6381.3	90.171	4119.2

Sample Name: K2228-05 Acquired: 4/3/2019 23:10:07 Type: Unk

Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SB-16(0.5-1. Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00426	-.00246	.00320	.00110	.00041	-.07418	.17070	-.00080
Stddev	.00118	.00094	.00104	.00108	.00090	.00150	.00086	.00002
%RSD	27.632	38.287	32.519	97.945	220.92	2.0197	.50651	3.0195

#1	.00343	-.00276	.00340	.00056	.00098	-.07319	.16977	-.00078
#2	.00374	-.00141	.00207	.00040	.00087	-.07344	.17148	-.00079
#3	.00561	-.00322	.00412	.00235	-.00063	-.07590	.17083	-.00083

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	238.41	.00014	-.00022	.00254	-.01485	.02253	3.7158
Stddev	.00003	1.41	.00042	.00035	.00036	.00076	.00044	.0630
%RSD	19.357	.58954	301.90	160.42	14.055	5.1330	1.9480	1.6964

#1	-.00019	238.47	.00043	-.00058	.00213	-.01540	.02239	3.6747
#2	-.00015	239.78	.00033	-.00020	.00273	-.01398	.02302	3.6843
#3	-.00013	236.97	-.00034	.00012	.00277	-.01518	.02217	3.7883

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00076	359.01	.00008	.03103	2.1451	.00127	.02704
Stddev	.00043	.00059	5.64	.00018	.00023	.0489	.00025	.00395
%RSD	19.115	77.637	1.5717	228.02	.75082	2.2805	19.892	14.595

#1	-.00238	-.00017	361.27	-.00010	.03124	2.0891	.00140	.02304
#2	-.00257	-.00134	363.16	.00026	.03105	2.1796	.00143	.02717
#3	-.00175	-.00076	352.58	.00008	.03078	2.1667	.00098	.03093

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5260	7.5182	-.00330	-.00306	.00828	.2716	.66601	10.515
Stddev	.0013	.0690	.00053	.00108	.00246	.0016	.00562	.529
%RSD	.01697	.91763	16.086	35.302	29.765	.5940	.84340	5.0275

#1	7.5248	7.5911	-.00328	-.00261	.00546	.2698	.66714	10.224
#2	7.5273	7.5095	-.00278	-.00227	.00935	.2725	.67098	10.195
#3	7.5260	7.4539	-.00384	-.00429	.01002	.2726	.65992	11.125

Sample Name: K2228-05 Acquired: 4/3/2019 23:10:07 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-16(0.5-1. Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 2123.7
#2	z 2173.7
#3	z 2139.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4186.0	48998.	6260.7	90.607	4065.9
Stddev	16.0	245.	75.0	1.660	10.3
%RSD	.38251	.49952	1.1987	1.8325	.25304

#1	4177.3	48741.	6185.6	89.359	4069.9
#2	4176.2	49026.	6260.9	92.492	4054.2
#3	4204.5	49228.	6335.7	89.971	4073.6

Sample Name: CCV12 Acquired: 4/3/2019 23:14:41 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8106 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0691	4.9356	5.1994	5.0573	5.1353	9.7377	9.6028	.25992
Stddev	.0120	.0174	.0084	.0081	.0206	.0364	.0778	.00038
%RSD	.23683	.35233	.16261	.15929	.40085	.37338	.81013	.14676
#1	5.0553	4.9543	5.2054	5.0641	5.1133	9.7778	9.5136	.26020
#2	5.0757	4.9327	5.1898	5.0595	5.1541	9.7283	9.6566	.25948
#3	5.0764	4.9198	5.2032	5.0484	5.1384	9.7069	9.6383	.26007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5262	25.195	.98595	2.6320	1.2432	4.9402	2.4236	24.767
Stddev	.0037	.018	.00167	.0035	.0036	.0050	.0107	.137
%RSD	.14722	.07158	.16926	.13340	.28962	.10128	.44009	.55328
#1	2.5304	25.203	.98582	2.6312	1.2407	4.9448	2.4223	24.915
#2	2.5233	25.174	.98435	2.6289	1.2473	4.9349	2.4136	24.743
#3	2.5250	25.207	.98768	2.6358	1.2415	4.9411	2.4348	24.644
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4665	1.2556	23.849	2.4545	2.6302	23.049	4.8641	4.6303
Stddev	.0055	.0045	.044	.0042	.0043	.041	.0061	.0344
%RSD	.22250	.35807	.18606	.17101	.16487	.17613	.12452	.74269
#1	2.4729	1.2569	23.856	2.4557	2.6347	23.031	4.8595	4.6700
#2	2.4637	1.2506	23.890	2.4499	2.6261	23.022	4.8709	4.6096
#3	2.4631	1.2594	23.802	2.4580	2.6297	23.096	4.8618	4.6113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7978	5.0724	5.2147	5.0919	4.6161	5.098	5.1103	F 7.7951
Stddev	.0178	.0238	.0184	.0025	.0169	.025	.0154	.2668
%RSD	.37035	.46970	.35252	.04991	.36678	.4816	.30117	3.4230
#1	4.8183	5.0539	5.2352	5.0934	4.6046	5.126	5.0946	7.6469
#2	4.7873	5.0641	5.1997	5.0890	4.6083	5.089	5.1111	8.1032
#3	4.7877	5.0993	5.2091	5.0933	4.6356	5.080	5.1253	7.6353

Sample Name: CCV12 Acquired: 4/3/2019 23:14:41 Type: Unk
Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8106 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	zF *****
Stddev	-----
%RSD	-----

#1	z 1973.9
#2	z 1962.4
#3	z 1978.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4540.0	52516.	6421.4	90.617	4424.9
Stddev	6.0	135.	28.5	.210	11.4
%RSD	.13303	.25649	.44354	.23194	.25843

#1	4542.4	52563.	6447.8	90.557	4411.8
#2	4533.1	52621.	6425.2	90.850	4430.1
#3	4544.5	52364.	6391.2	90.443	4432.9

Sample Name: CCB12 Acquired: 4/3/2019 23:18:49 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8106 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	.00011	-.00068	.00030	.00229	.00102	.00098	-.00067
Stddev	.00301	.00039	.00100	.00149	.00055	.00383	.00056	.00004
%RSD	174.33	346.10	147.41	487.79	24.016	374.39	57.492	6.3598
#1	-.00174	.00044	.00017	-.00127	.00179	-.00215	.00058	-.00064
#2	.00334	-.00032	-.00178	.00050	.00220	.00528	.00162	-.00072
#3	.00358	.00022	-.00043	.00168	.00288	-.00006	.00074	-.00066
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01762	-.00101	.00031	-.00159	.00155	.00032	.01151
Stddev	.00006	.00763	.00002	.00008	.00010	.00061	.00003	.04327
%RSD	74.601	43.282	2.3074	26.078	6.2867	39.591	8.7969	375.92
#1	-.00014	.01189	-.00102	.00039	-.00151	.00169	.00032	-.00747
#2	-.00004	.01470	-.00103	.00028	-.00156	.00208	.00030	-.01903
#3	-.00005	.02627	-.00099	.00024	-.00170	.00088	.00035	.06103
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00036	.06786	-.00300	-.00120	-.02945	.00014	-.00549
Stddev	.00018	.00008	.01187	.00038	.00003	.00571	.00017	.00543
%RSD	12.391	22.672	17.486	12.522	2.2714	19.375	124.09	98.811
#1	-.00160	-.00045	.07568	-.00257	-.00117	-.02337	.00006	-.01174
#2	-.00140	-.00031	.05421	-.00321	-.00123	-.03468	.00034	-.00275
#3	-.00125	-.00032	.07370	-.00323	-.00121	-.03031	.00002	-.00199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00952	-.00361	-.00004	.00079	-.00367	F .2450	-.00216	F 6.8439
Stddev	.00256	.00228	.00119	.00199	.00043	.0005	.00005	.2972
%RSD	26.905	63.294	3163.9	251.83	11.592	.2112	2.3337	4.3424
#1	-.00677	-.00295	.00123	.00287	-.00363	.2453	-.00221	7.0254
#2	-.01183	-.00615	-.00022	.00061	-.00412	.2452	-.00213	7.0053
#3	-.00994	-.00173	-.00112	-.00110	-.00327	.2444	-.00213	6.5009

Sample Name: CCB12 Acquired: 4/3/2019 23:18:49 Type: Unk
 Method: P4-ICP2(v3017) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8106 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	z *****
Stddev	-----
%RSD	-----

#1	z 1749.1
#2	z 1771.8
#3	z 1752.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4585.2	52506.	6258.4	91.150	4792.2
Stddev	8.1	82.	49.7	.465	1.8
%RSD	.17728	.15560	.79367	.50969	.03834

#1	4576.3	52418.	6201.3	90.617	4791.4
#2	4592.1	52522.	6291.2	91.467	4791.0
#3	4587.4	52579.	6282.8	91.367	4794.3