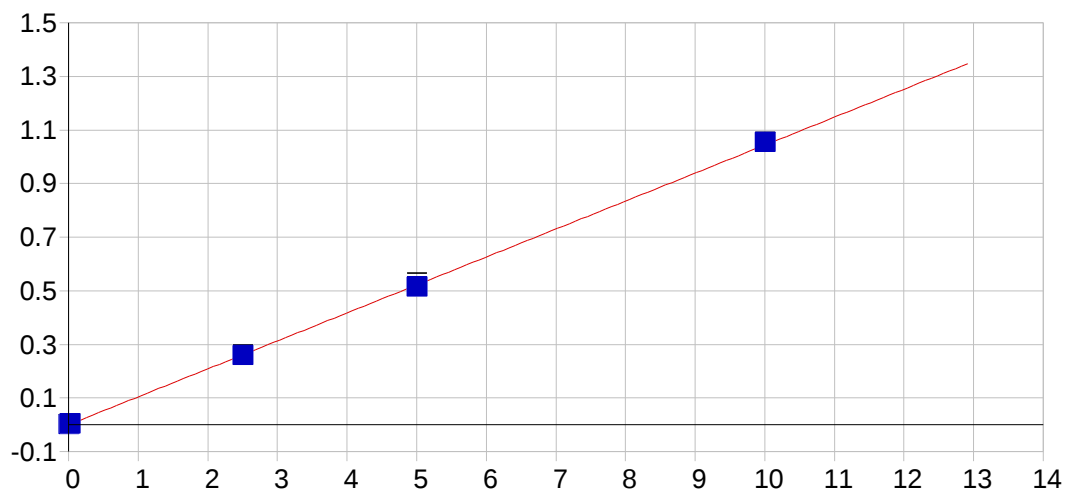


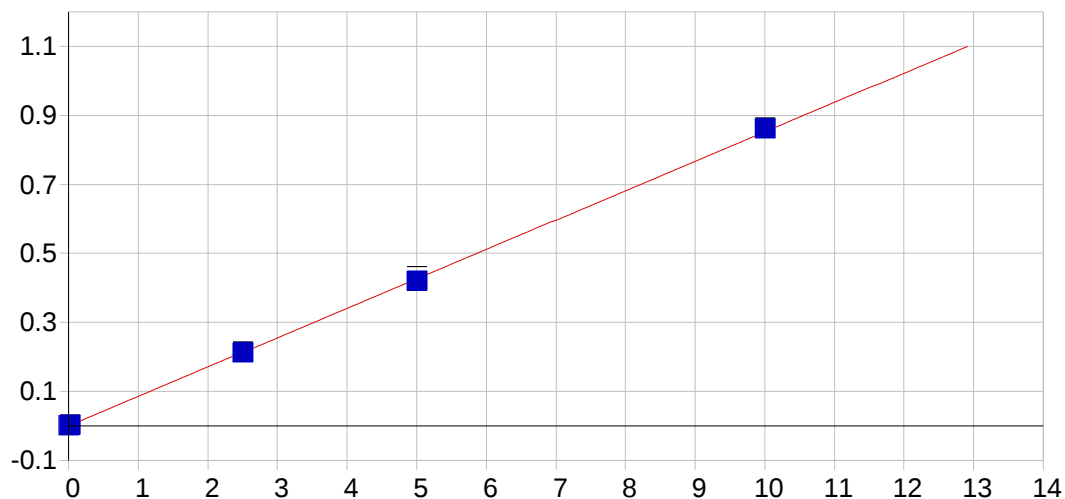


As 189.042 {478}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.104346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002903
 Predicted MQL: 0.009678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02369	.004	18.4	.00231	.000	1
S3	2.5000	2.4739	-.026	-1.04	.25796	.003	1
S4	5.0000	4.9280	-.072	-1.44	.51402	.014	1
S5	10.000	10.094	.094	.943	1.0531	.001	1



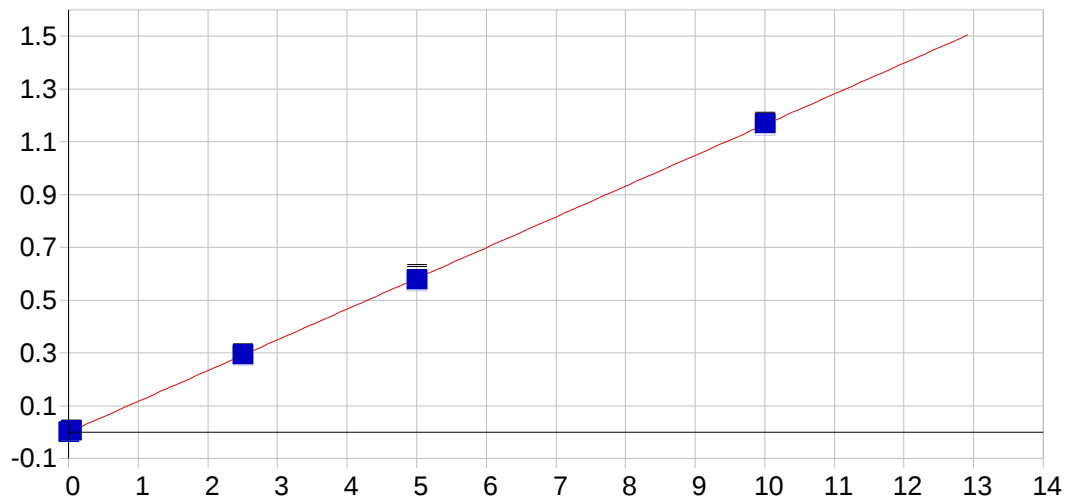
As 189.042 {479}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000187 Re-Slope: 1.000000

A1 (Gain): 0.085186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002546
 Predicted MQL: 0.008487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.02000	.02253	.003	12.7	.00211	.000	1
S3	2.5000	2.4777	-.022	-.891	.21126	.002	1
S4	5.0000	4.9180	-.082	-1.64	.41914	.013	1
S5	10.000	10.102	.102	1.02	.86073	.002	1

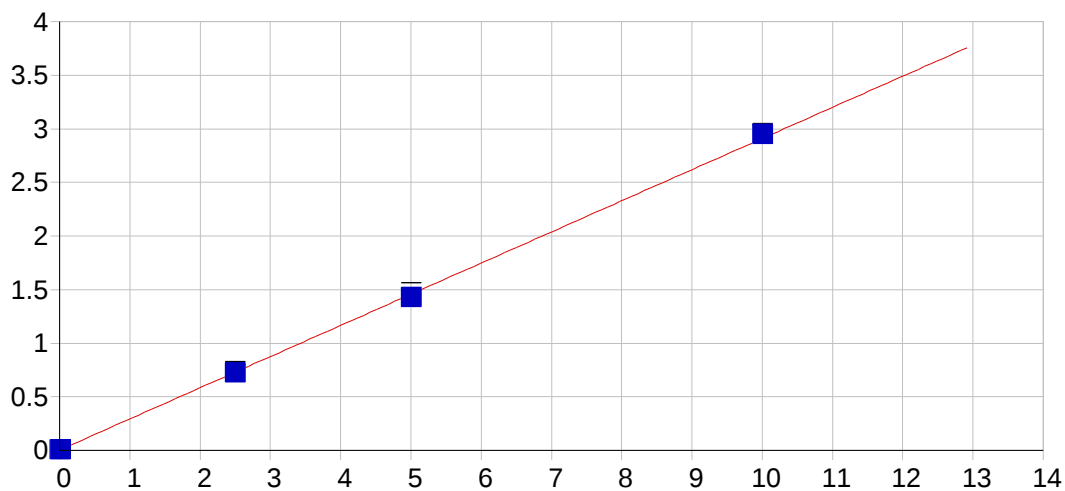


TI 190.856 {477}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.116511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.001620
 Predicted MQL: 0.005401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00024	.000	1
S1	.04000	.04655	.007	16.4	.00506	.000	1
S3	2.5000	2.5101	.010	.405	.28923	.004	1
S4	5.0000	4.9438	-.056	-1.12	.56979	.020	1
S5	10.000	10.040	.040	.396	1.1575	.004	1

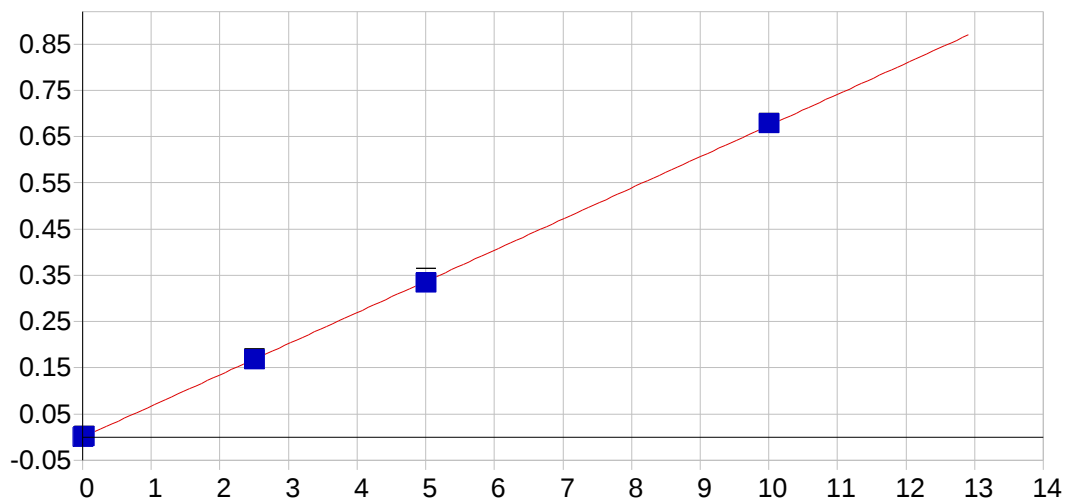


Pb 220.353 {453}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003175 Re-Slope: 1.000000
 A1 (Gain): 0.290623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.001070
 Predicted MQL: 0.003567

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00318	.000	1
S1	.01200	.01258	.001	4.85	.00677	.000	1
S3	2.5000	2.4765	-.024	-.940	.72196	.010	1
S4	5.0000	4.8912	-.109	-2.18	1.4228	.047	1
S5	10.000	10.132	.132	1.32	2.9440	.006	1



Se 196.090 {472}

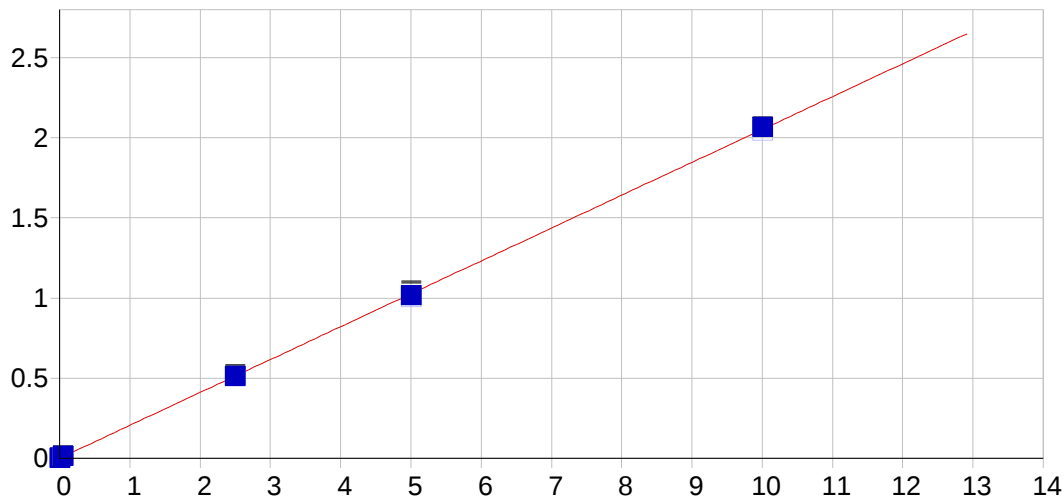
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.067378 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000014
 Predicted MDL: 0.003690
 Predicted MQL: 0.012299

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02145	.001	7.25	.00135	.000	1
S3	2.5000	2.4935	-.007	-.261	.16791	.001	1
S4	5.0000	4.9410	-.059	-1.18	.33283	.010	1
S5	10.000	10.064	.064	.641	.67802	.000	1



Sb 206.833 {463}

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

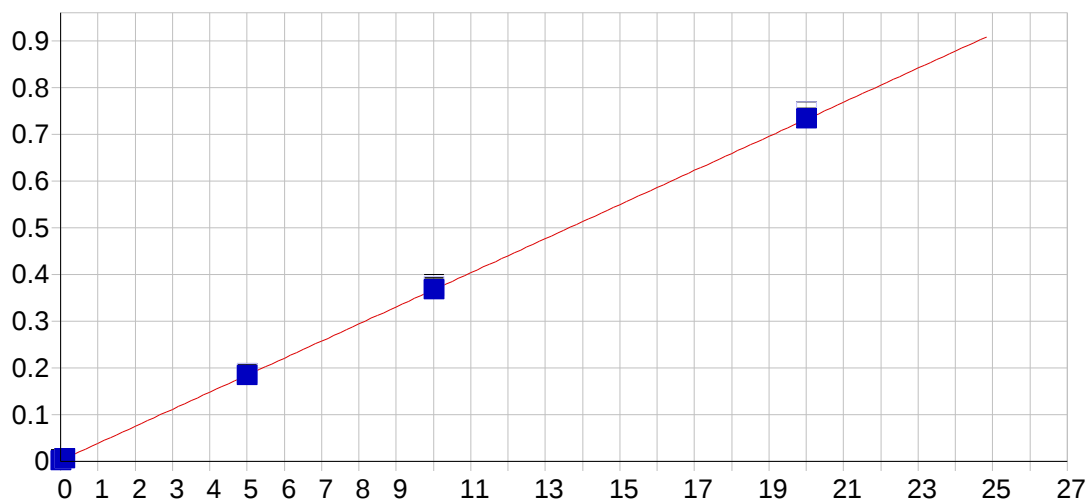
Weighting: 1/Conc

A0 (Offset): 0.000812
 A1 (Gain): 0.205144
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000078
 Predicted MDL: 0.001737
 Predicted MQL: 0.005789

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	.00081	.000	1
S1	.05000	.05536	.005	10.7	.01191	.000	1
S3	2.5000	2.4979	-.002	-.084	.50747	.005	1
S4	5.0000	4.9363	-.064	-1.27	1.0019	.029	1
S5	10.000	10.060	.060	.605	2.0416	.001	1

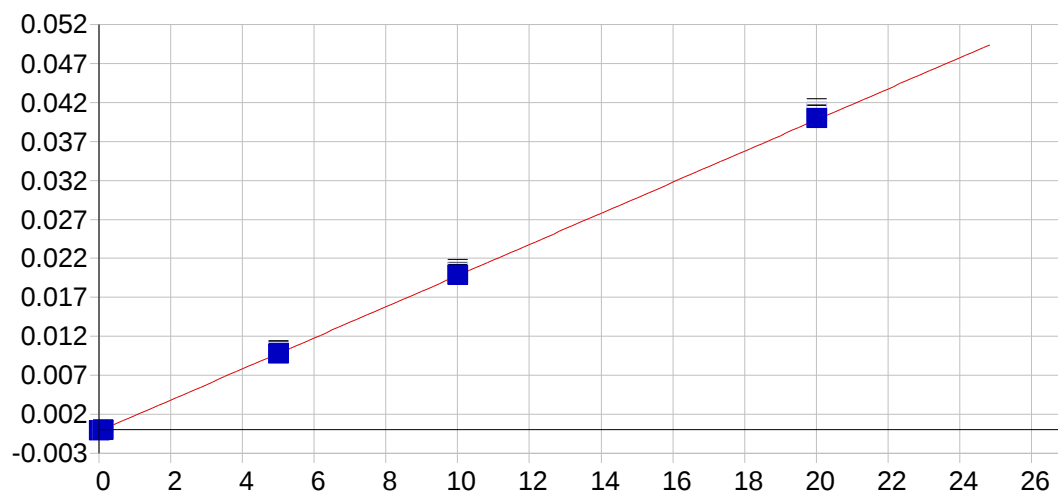


AI 308.215 {109}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001990 Re-Slope: 1.000000
 A1 (Gain): 0.036502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.003261
 Predicted MQL: 0.010870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00199	.000	1
S1	.10000	.10113	.001	1.13	.00593	.000	1
S3	5.0000	4.9859	-.014	-.283	.18762	.000	1
S4	10.000	9.9818	-.018	-.182	.37362	.005	1
S5	20.000	20.031	.031	.156	.74771	.000	1



AI 309.271 {109}

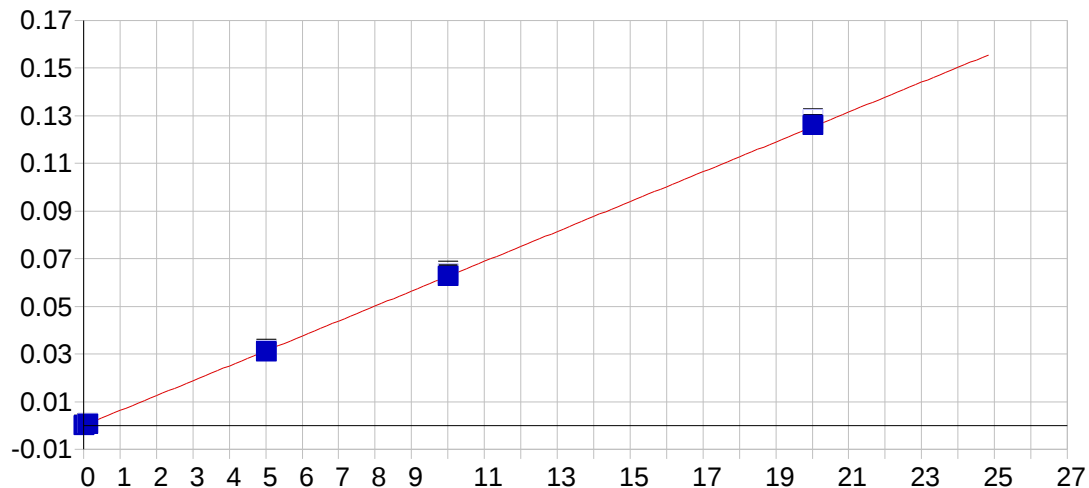
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.001996 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999522
 Std Error of Est: 0.000005
 Predicted MDL: 0.031365
 Predicted MQL: 0.104550

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	-.00017	.000	1
S1	.10000	.04182	-.058	-58.2	-.00007	.000	1
S3	5.0000	4.9486	-.051	-1.03	.00991	.000	1
S4	10.000	10.007	.007	.073	.02020	.000	1
S5	20.000	20.105	.105	.525	.04076	.000	1

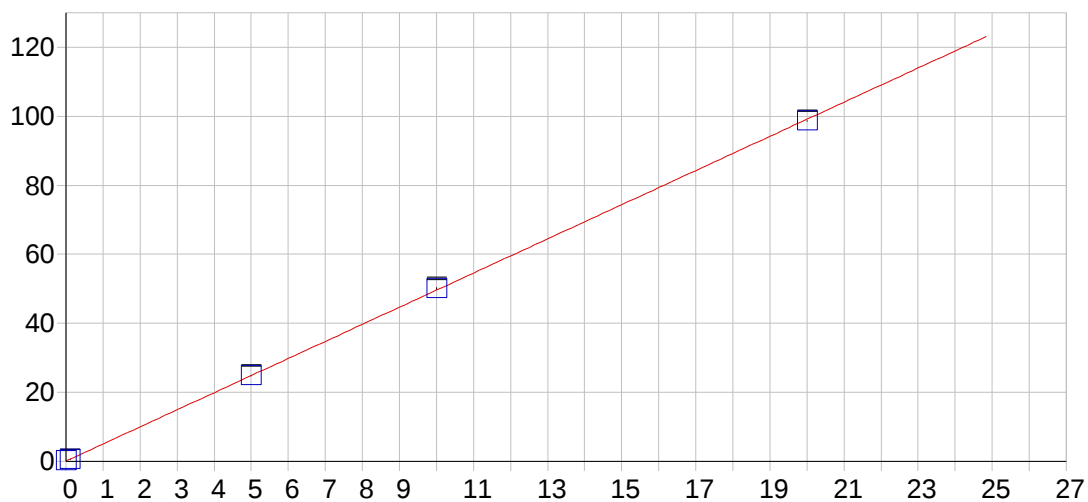


AI 396.152 { 85}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.006265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.015653
 Predicted MQL: 0.052178

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.10000	.09739	-.003	-2.61	.00064	.000	1
S3	5.0000	4.9164	-.084	-1.67	.03141	.000	1
S4	10.000	9.9752	-.025	-.248	.06373	.001	1
S5	20.000	20.111	.111	.556	.12847	.000	1

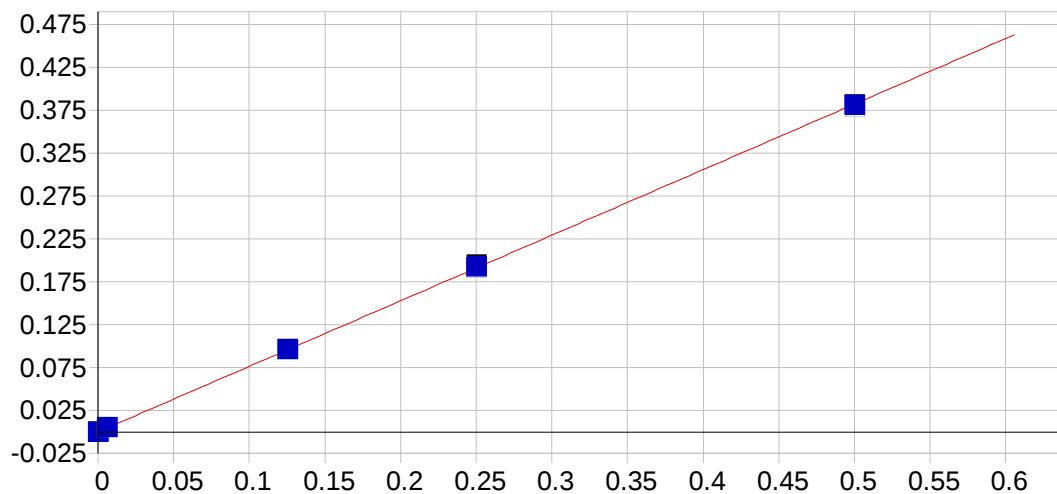


Ba 493.409 { 68}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.101068 Re-Slope: 1.000000
 A1 (Gain): 4.951917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.002644
 Predicted MDL: 0.000782
 Predicted MQL: 0.002606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10103	.003	1
S1	.10000	.10667	.007	6.67	.62927	.006	1
S3	5.0000	5.0042	.004	.084	24.881	.213	1
S5	20.000	19.901	-.099	-.494	98.650	.151	1
S4	10.000	10.088	.088	.880	50.056	.336	1



Be 234.861 {144}

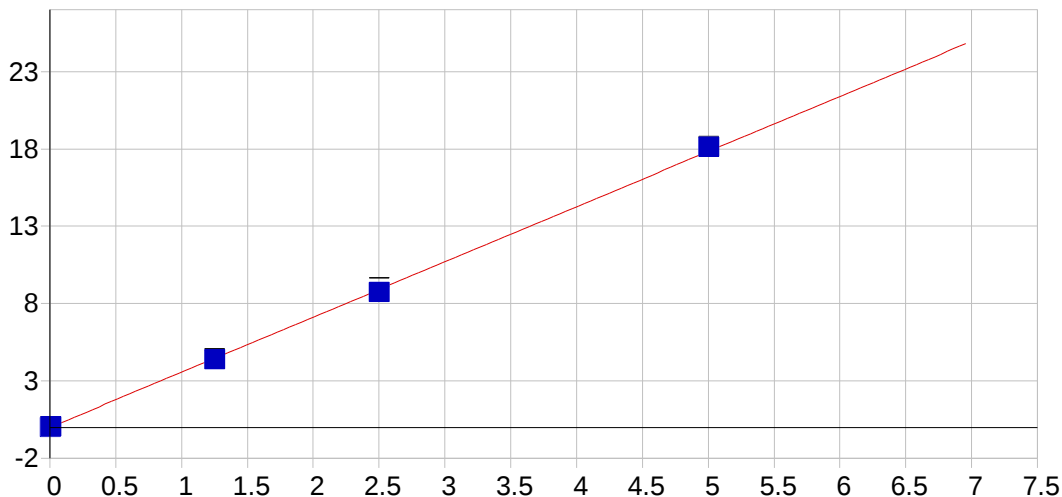
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.764759 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000012
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.00600	.00625	.000	4.19	.00465	.000	1
S3	.12500	.12544	.000	.355	.09525	.000	1
S4	.25000	.25125	.001	.502	.19086	.003	1
S5	.50000	.49805	-.002	-.390	.37840	.001	1



Cd 226.502 {449}

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

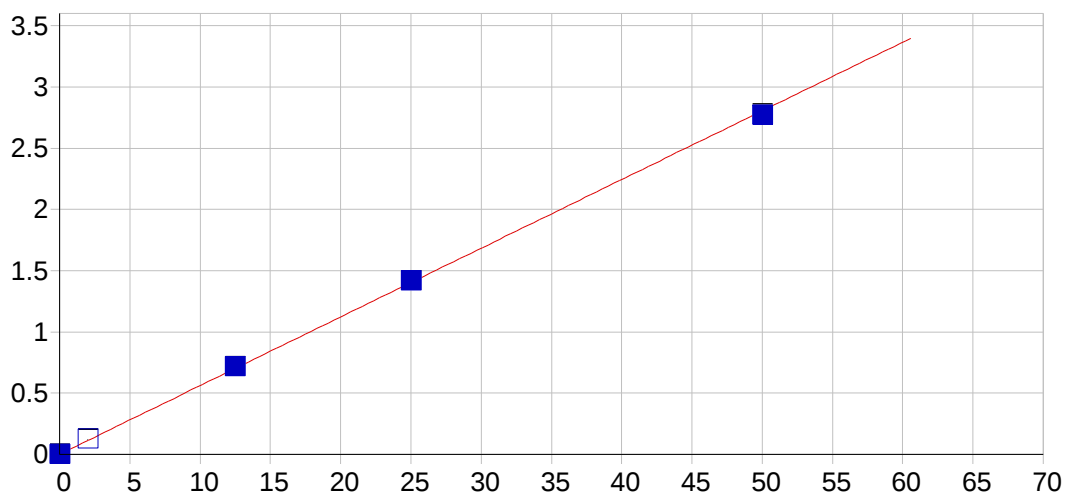
Weighting: 1/Conc

A0 (Offset): -0.001019
 A1 (Gain): 3.565287
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000598
 Predicted MDL: 0.000095
 Predicted MQL: 0.000317

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	-.00102	.000	1
S1	.00600	.00609	.000	1.58	.02075	.001	1
S3	1.2500	1.2265	-.023	-1.88	4.3729	.056	1
S4	2.5000	2.4459	-.054	-2.16	8.7215	.302	1
S5	5.0000	5.0775	.077	1.55	18.106	.027	1

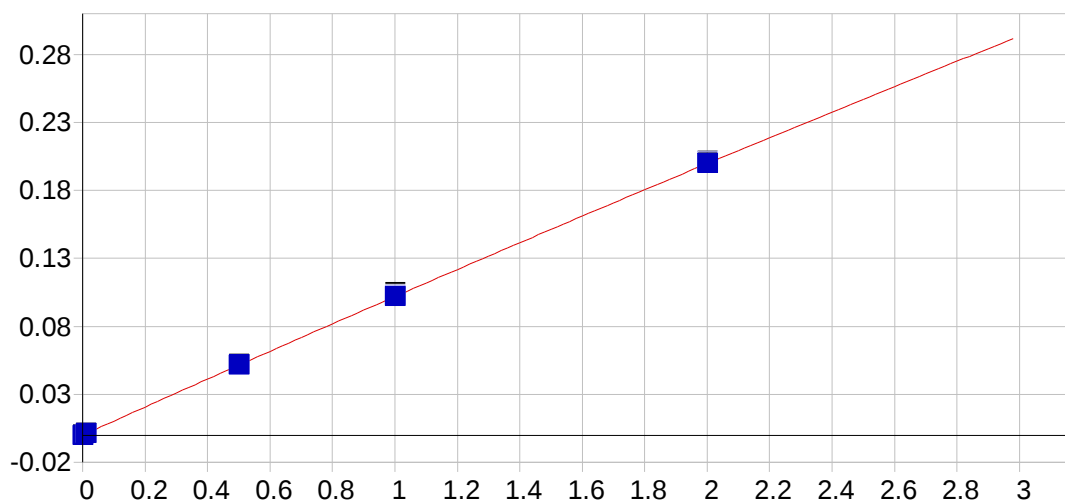


Ca 373.690 { 90}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000814 Re-Slope: 1.000000
 A1 (Gain): 0.056075 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000565
 Predicted MDL: 0.018738
 Predicted MQL: 0.062458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1790	.179	8.95	.12300	.001	1
S0	.00000	-.00021	-.000	.000	.00080	.001	1
S3	12.500	12.735	.235	1.88	.71530	.001	1
S4	25.000	25.222	.222	.890	1.4159	.001	1
S5	50.000	49.364	-.636	-1.27	2.7704	.007	1



Cr 267.716 {126}

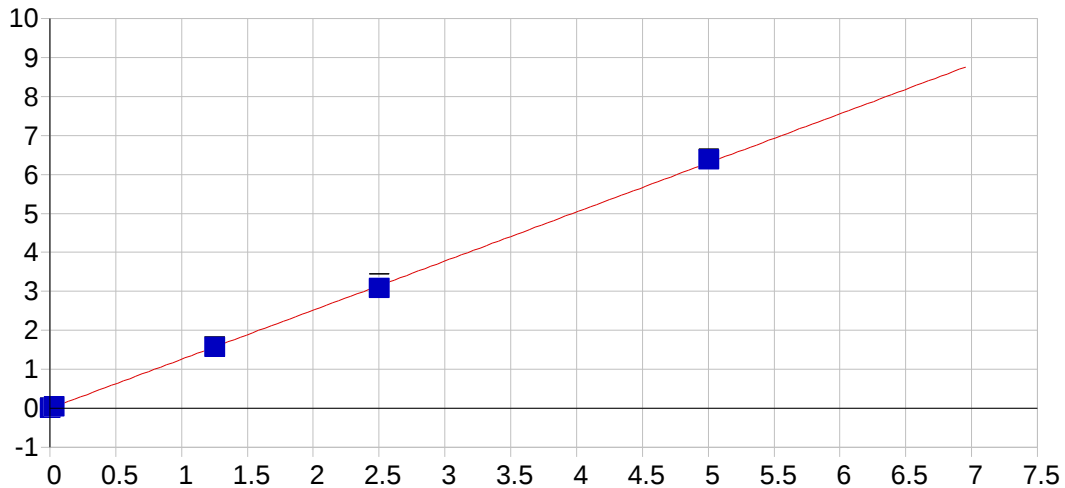
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.104021 Y-int: 0.000000

A2 (Curvature): -0.002074
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000002
 Predicted MDL: 0.000653
 Predicted MQL: 0.002178

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.00976	-.000	-2.36	.00099	.000	1
S3	.50000	.49923	-.001	-.155	.05177	.000	1
S4	1.0000	1.0017	.002	.167	.10286	.002	1
S5	2.0000	1.9993	-.001	-.033	.20121	.000	1

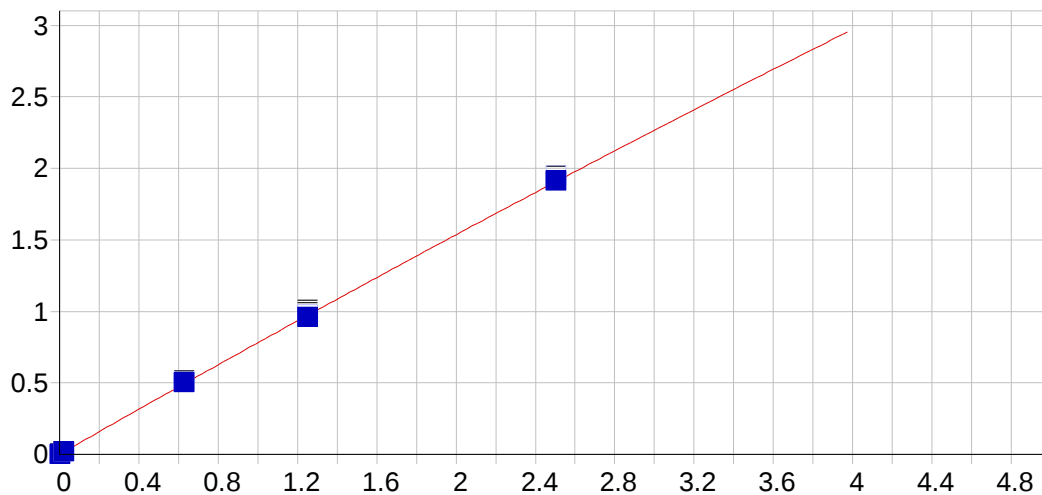


Co 228.616 {447}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000555 Re-Slope: 1.000000
 A1 (Gain): 1.259170 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000419
 Predicted MDL: 0.000244
 Predicted MQL: 0.000814

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00056	.000	1
S1	.03000	.03250	.002	8.33	.04011	.001	1
S3	1.2500	1.2409	-.009	-.729	1.5632	.021	1
S4	2.5000	2.4454	-.055	-2.18	3.0811	.106	1
S5	5.0000	5.0613	.061	1.23	6.3774	.009	1

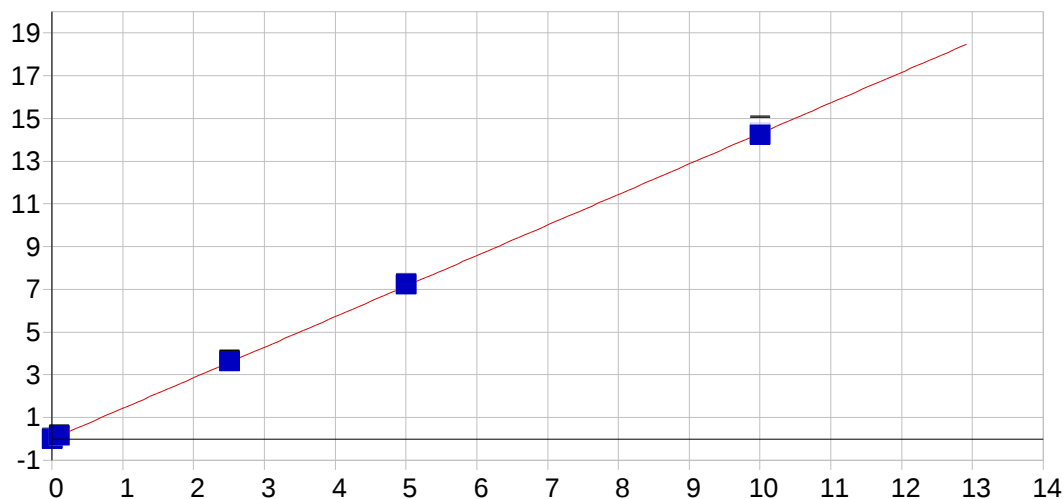


Cu 224.700 {450}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000708 Re-Slope: 1.000000
 A1 (Gain): 0.792599 Y-int: 0.000000
 A2 (Curvature): -0.012460
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.000527
 Predicted MQL: 0.001758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00071	.000	1
S1	.02000	.02128	.001	6.39	.01784	.001	1
S3	.62500	.63573	.011	1.72	.50835	.005	1
S4	1.2500	1.2309	-.019	-1.52	.97507	.030	1
S5	2.5000	2.5071	.007	.283	1.9447	.002	1



Fe 240.488 {140}

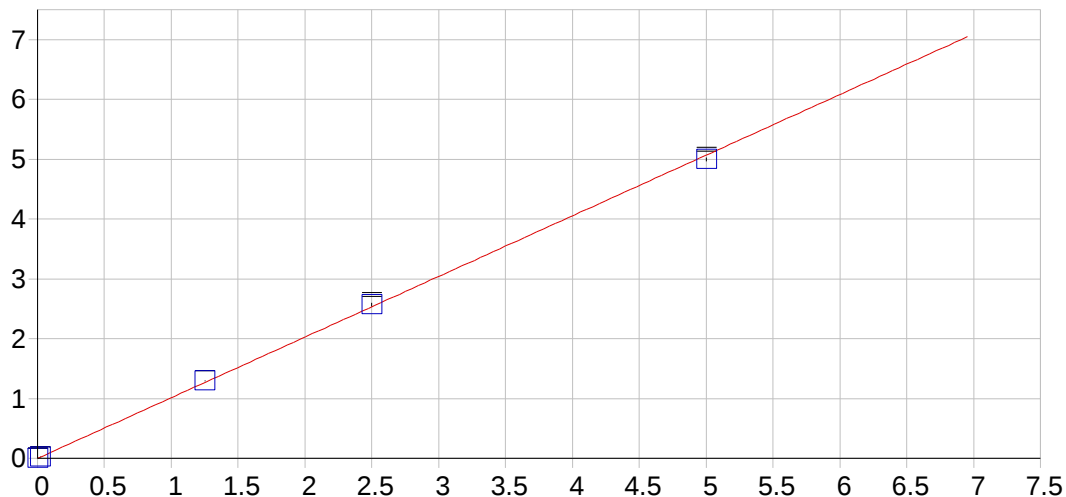
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001192 Re-Slope: 1.000000
 A1 (Gain): 1.430038 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000498
 Predicted MDL: 0.009105
 Predicted MQL: 0.030351

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00119	.010	1
S1	.10000	.09746	-.003	-2.54	.14127	.022	1
S3	2.5000	2.5168	.017	.672	3.6183	.067	1
S4	5.0000	5.0375	.038	.751	7.2410	.015	1
S5	10.000	9.9482	-.052	-.518	14.299	.344	1



Mn 257.610 {131}

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

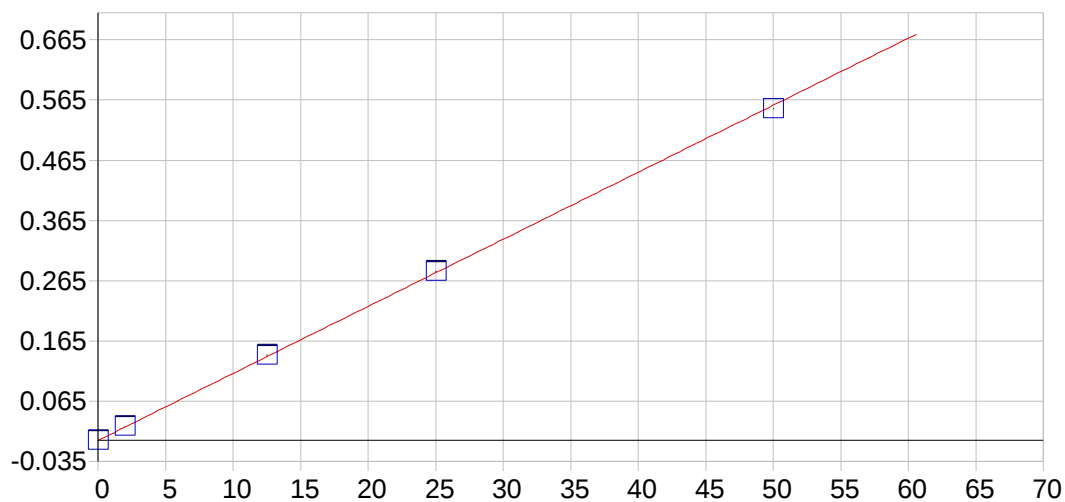
Weighting: 1/Conc

A0 (Offset): 0.000063
 A1 (Gain): 1.013616
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863
 Std Error of Est: 0.000287
 Predicted MDL: 0.000076
 Predicted MQL: 0.000255

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.02249	.002	12.5	.02286	.000	1
S3	1.2500	1.2785	.028	2.28	1.2960	.001	1
S4	2.5000	2.5365	.037	1.46	2.5711	.031	1
S5	5.0000	4.9325	-.068	-1.35	4.9997	.034	1

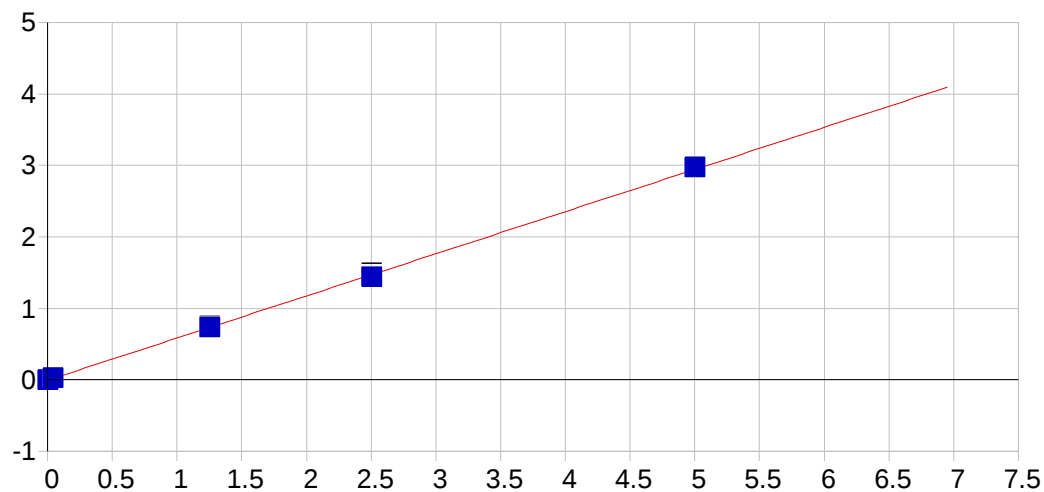


Mg 279.079 {121}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000271 Re-Slope: 1.000000
 A1 (Gain): 0.011133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.044629
 Predicted MQL: 0.148764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1117	.112	5.59	.02324	.000	1
S0	.00000	-.00014	-.000	.000	-.00027	.001	1
S3	12.500	12.716	.216	1.73	.14130	.001	1
S4	25.000	25.210	.210	.841	.28040	.001	1
S5	50.000	49.462	-.538	-1.08	.55041	.000	1



Ni 231.604 {445}

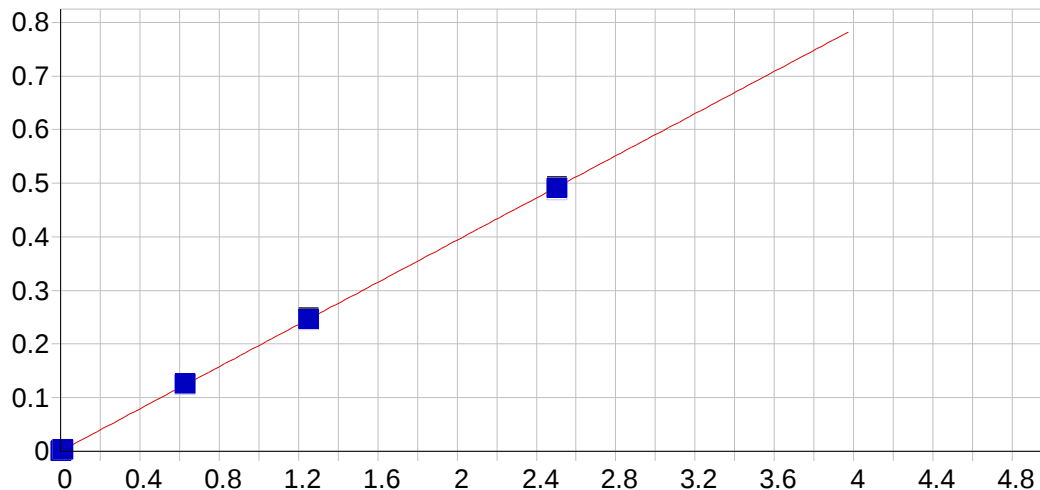
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005414 Re-Slope: 1.000000
 A1 (Gain): 0.589758 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000194
 Predicted MDL: 0.000479
 Predicted MQL: 0.001598

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00542	.000	1
S1	.04000	.04311	.003	7.76	.02002	.001	1
S3	1.2500	1.2511	.001	.090	.73325	.010	1
S4	2.5000	2.4506	-.049	-1.98	1.4415	.049	1
S5	5.0000	5.0452	.045	.903	2.9732	.005	1



Ag 328.068 {103}

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

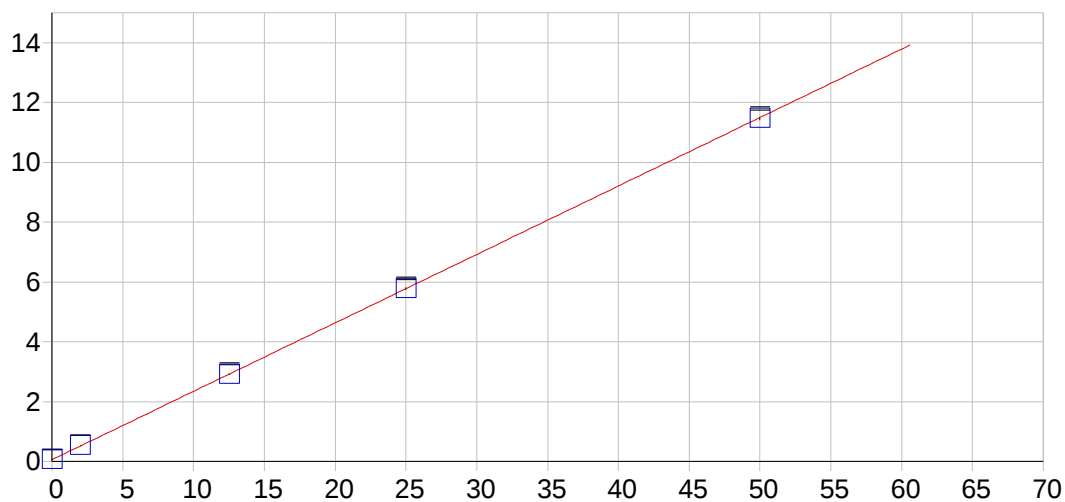
Weighting: 1/Conc

A0 (Offset): 0.000529
 A1 (Gain): 0.196709
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000009
 Predicted MDL: 0.000678
 Predicted MQL: 0.002260

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.01000	.01058	.001	5.81	.00257	.000	1
S3	.62500	.63168	.007	1.07	.12339	.001	1
S4	1.2500	1.2495	-.001	-.043	.24352	.002	1
S5	2.5000	2.4933	-.007	-.269	.48540	.002	1

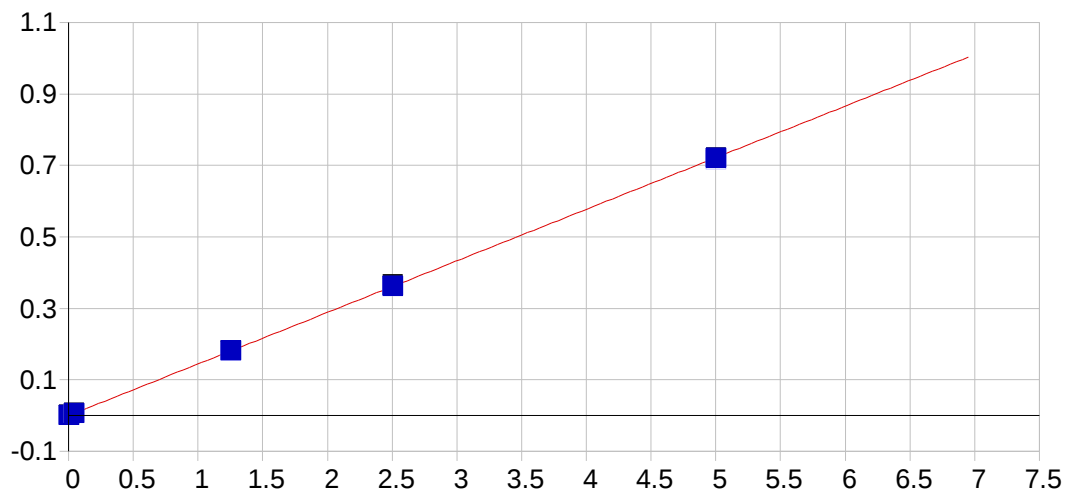


Na 589.592 { 57}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053941 Re-Slope: 1.000000
 A1 (Gain): 0.228883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.001216
 Predicted MDL: 0.012526
 Predicted MQL: 0.041755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1255	.126	6.28	.54043	.005	1
S0	.00000	-.00012	-.000	.000	.05391	.003	1
S3	12.500	12.510	.010	.079	2.9172	.027	1
S4	25.000	25.031	.031	.124	5.7831	.047	1
S5	50.000	49.834	-.166	-.333	11.460	.060	1



V 292.402 {115}

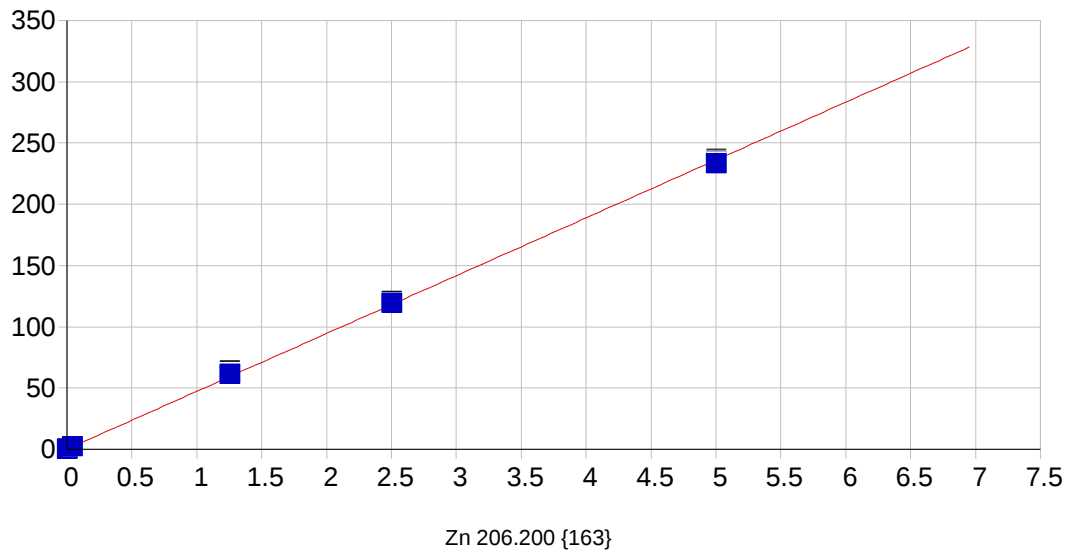
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.144347 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000024
 Predicted MDL: 0.000641
 Predicted MQL: 0.002138

Status: OK.

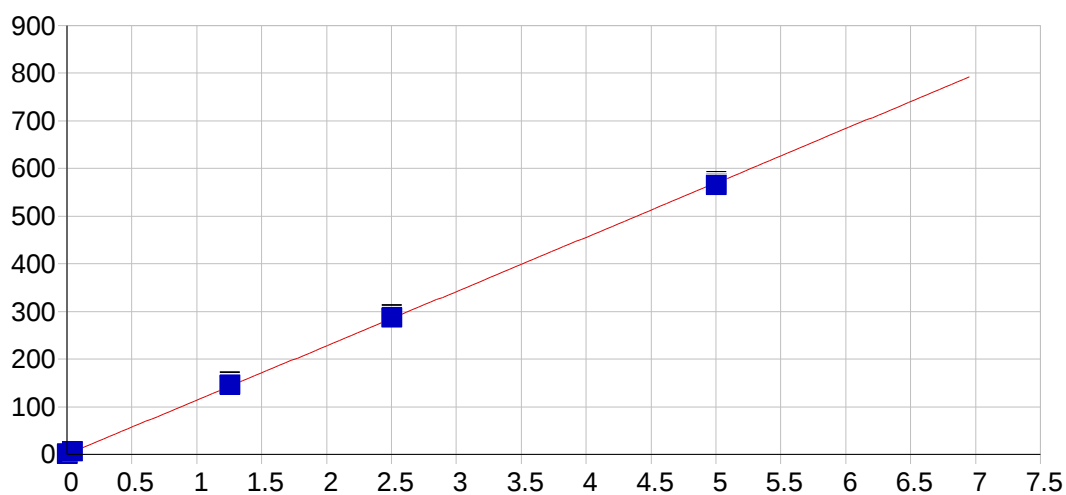
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.04000	.04381	.004	9.52	.00618	.000	1
S3	1.2500	1.2512	.001	.099	.17938	.000	1
S4	2.5000	2.5069	.007	.274	.35944	.004	1
S5	5.0000	4.9881	-.012	-.237	.71525	.001	1



Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.112911 Re-Slope: 1.000000
 A1 (Gain): 47.201821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.020646
 Predicted MDL: 0.000367
 Predicted MQL: 0.001224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.11270	.027	1
S1	.04000	.04318	.003	7.96	2.1637	.000	1
S3	1.2500	1.2934	.043	3.47	61.522	2.40	1
S4	2.5000	2.5214	.021	.857	119.84	.937	1
S5	5.0000	4.9320	-.068	-1.36	234.34	2.39	1

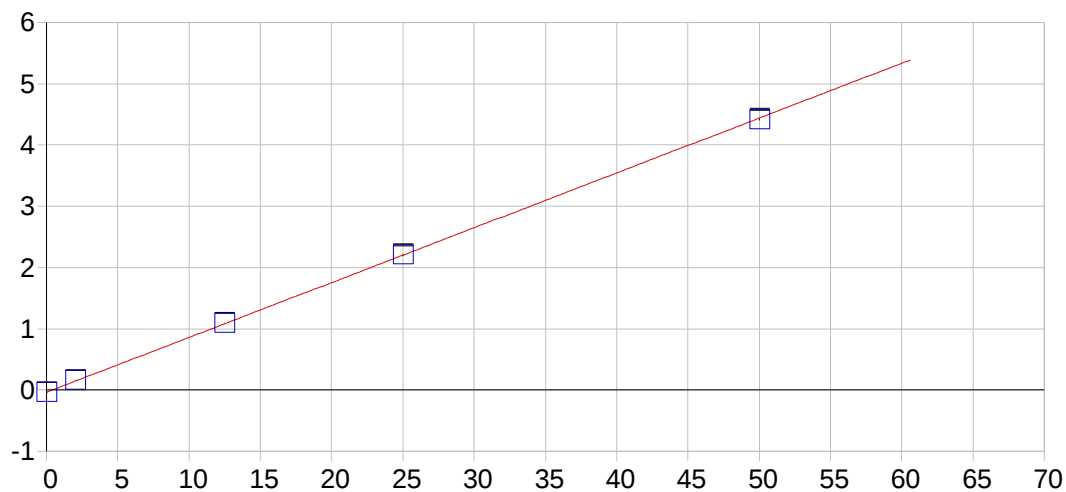


Zn 213.856 {458}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.077894 Re-Slope: 1.000000
 A1 (Gain): 113.933243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.035455
 Predicted MDL: 0.000082
 Predicted MQL: 0.000273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.07737	.015	1
S1	.04000	.04383	.004	9.58	5.1017	.095	1
S3	1.2500	1.2782	.028	2.25	146.56	5.18	1
S4	2.5000	2.5123	.012	.492	288.03	4.77	1
S5	5.0000	4.9557	-.044	-.886	568.14	3.91	1



K 766.490 {44}

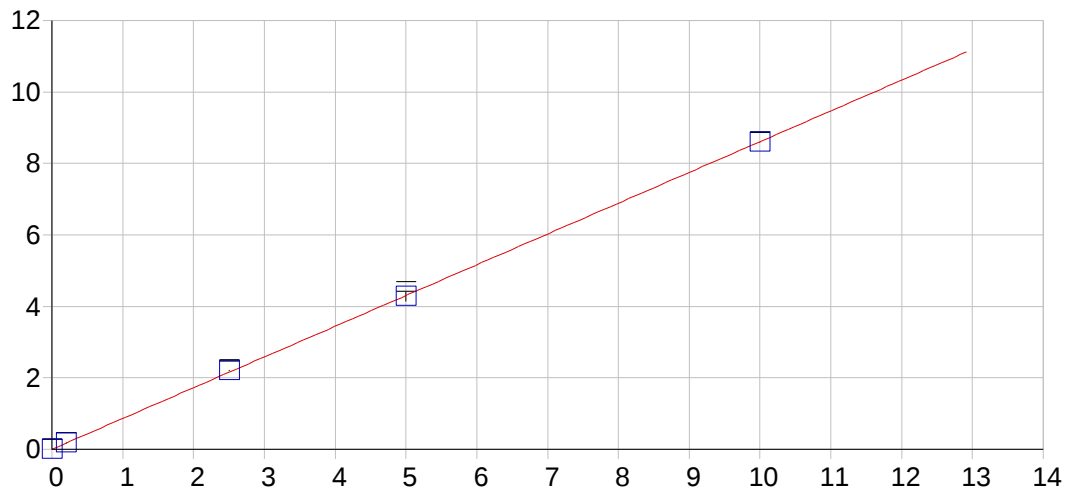
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.036276 Re-Slope: 1.000000
 A1 (Gain): 0.089514 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000700
 Predicted MDL: 0.039484
 Predicted MQL: 0.131613

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1799	.180	8.99	.15885	.001	1
S0	.00000	-.00018	-.000	.000	-.03629	.001	1
S3	12.500	12.588	.088	.704	1.0905	.005	1
S4	25.000	25.010	.010	.038	2.2024	.016	1
S5	50.000	49.723	-.277	-.555	4.4146	.014	1



Mo 202.030 {467}

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

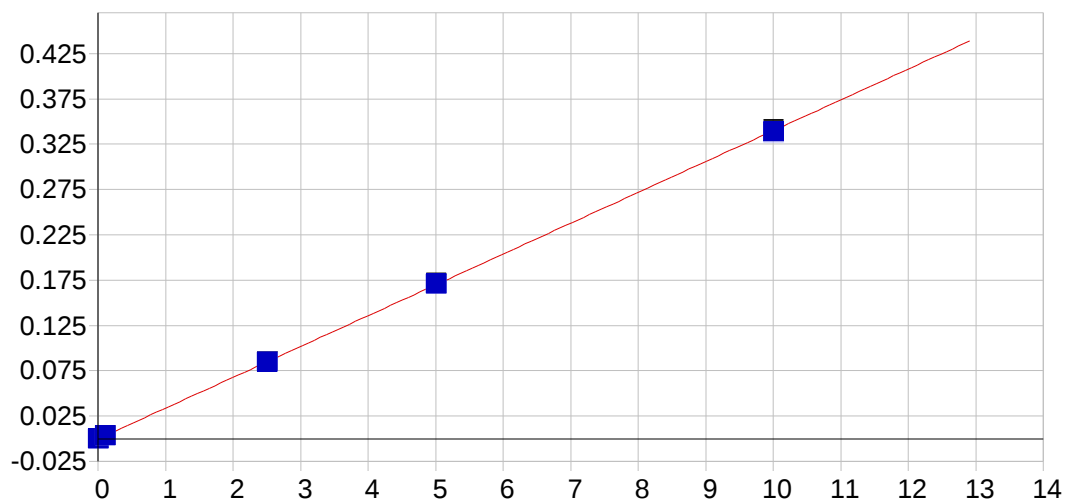
Weighting: 1/Conc

A0 (Offset): 0.000278
 A1 (Gain): 0.860996
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000681
 Predicted MDL: 0.000329
 Predicted MQL: 0.001095

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	.00027	.000	1
S1	.20000	.20921	.009	4.61	.18041	.004	1
S3	2.5000	2.5525	.053	2.10	2.1980	.021	1
S4	5.0000	4.9613	-.039	-.774	4.2719	.126	1
S5	10.000	9.9770	-.023	-.230	8.5904	.008	1

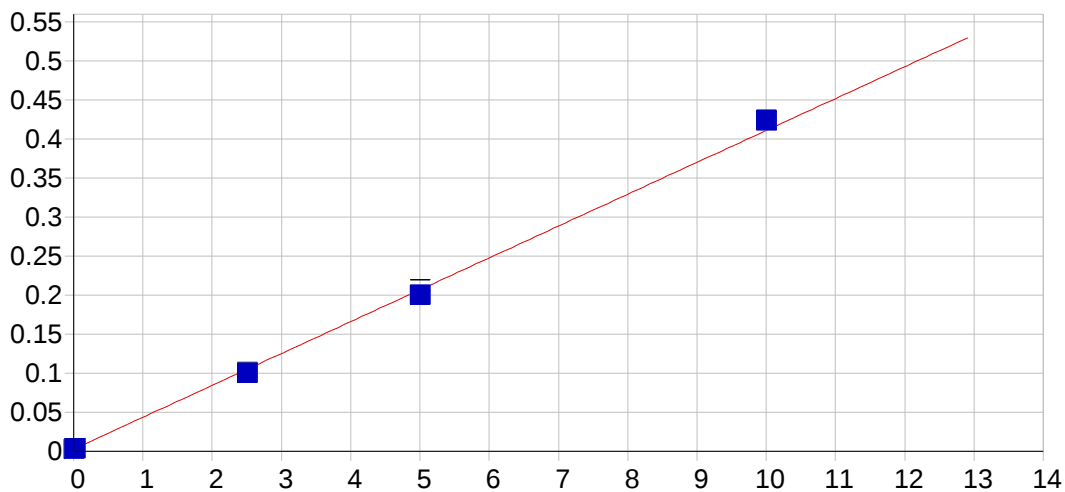


B 249.678 {135}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000324 Re-Slope: 1.000000
 A1 (Gain): 0.034012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.010819
 Predicted MQL: 0.036063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00032	.000	1
S1	.10000	.11314	.013	13.1	.00351	.000	1
S3	2.5000	2.4997	-.000	-.014	.08449	.000	1
S4	5.0000	5.0292	.029	.585	.17033	.001	1
S5	10.000	9.9580	-.042	-.420	.33757	.002	1



S 182.034 {485}

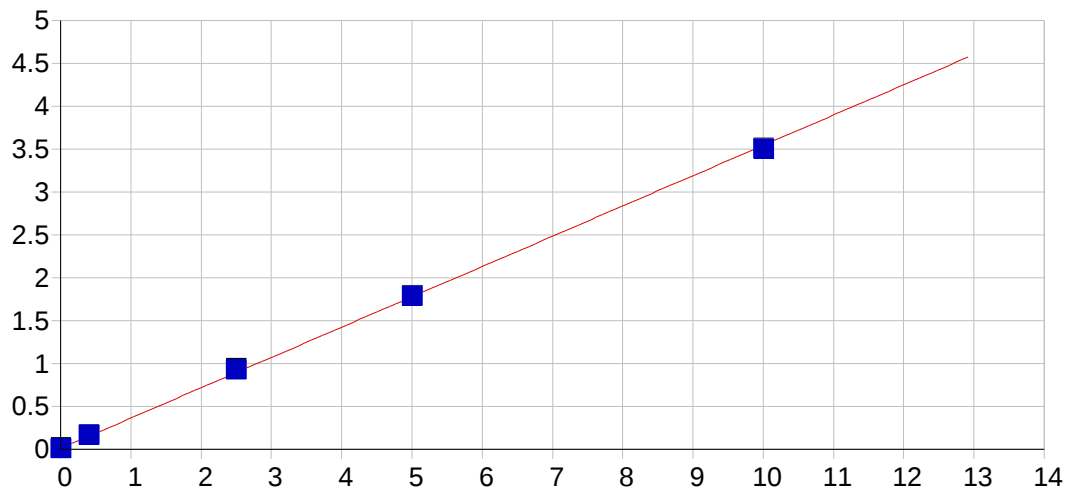
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002793 Re-Slope: 1.000000
 A1 (Gain): 0.040828 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999210
 Std Error of Est: 0.000039
 Predicted MDL: 0.003400
 Predicted MQL: 0.011334

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00279	.000	1
S1	.02000	.00817	-.012	-59.2	.00310	.000	1
S3	2.5000	2.3795	-.120	-4.82	.09983	.001	1
S4	5.0000	4.8306	-.169	-3.39	.19979	.007	1
S5	10.000	10.301	.301	3.01	.42293	.001	1



Si 288.158 {117}

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

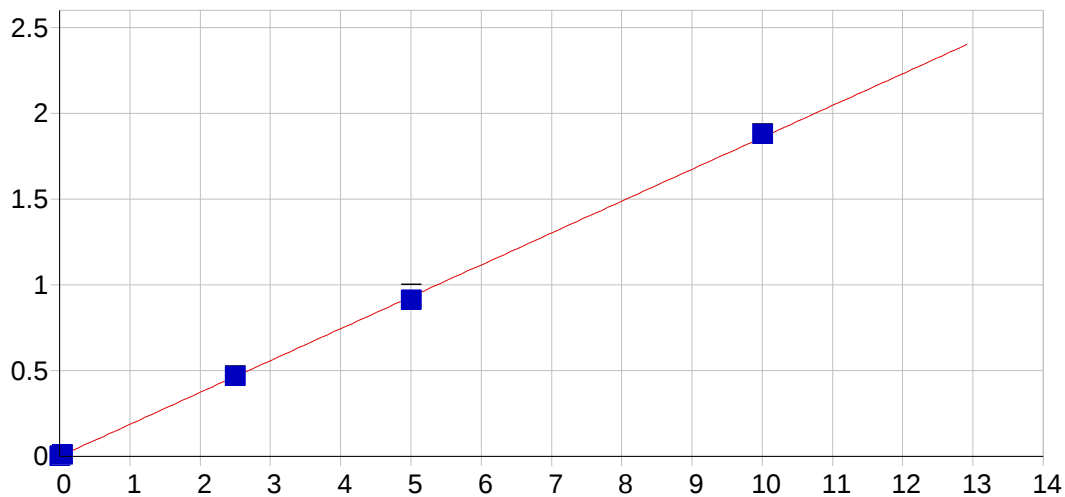
Weighting: 1/Conc

A0 (Offset): 0.010910
 A1 (Gain): 0.353294
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835
 Std Error of Est: 0.000701
 Predicted MDL: 0.003393
 Predicted MQL: 0.011311

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	-.00004	-.000	.000	.01090	.001	1
S1	.40000	.42734	.027	6.84	.16177	.000	1
S3	2.5000	2.5798	.080	3.19	.92189	.018	1
S4	5.0000	5.0133	.013	.265	1.7811	.010	1
S5	10.000	9.8796	-.120	-1.20	3.4994	.005	1

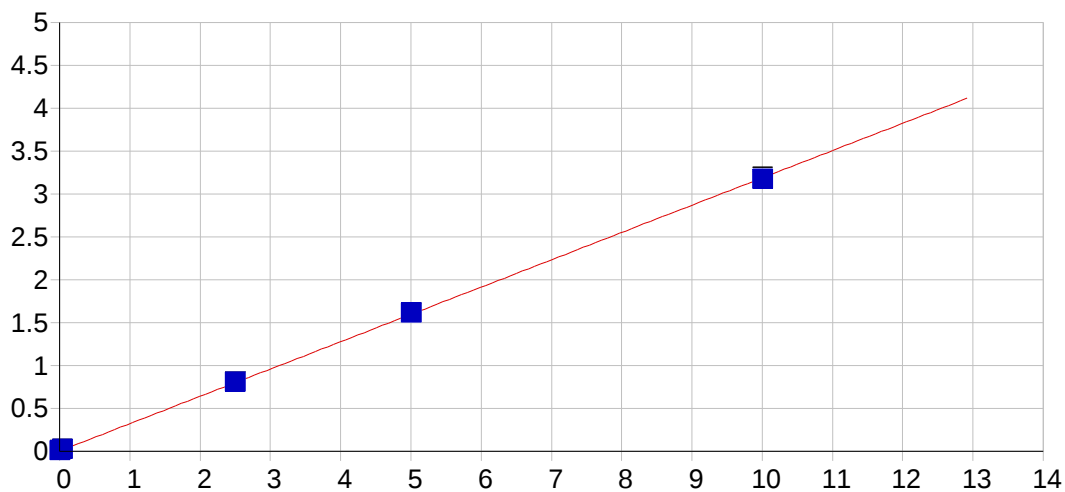


Sn 189.989 {477}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000958 Re-Slope: 1.000000
 A1 (Gain): 0.185816 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.000774
 Predicted MQL: 0.002581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00096	.000	1
S1	.04000	.04203	.002	5.08	.00877	.000	1
S3	2.5000	2.4978	-.002	-.086	.46518	.006	1
S4	5.0000	4.9019	-.098	-1.96	.91197	.030	1
S5	10.000	10.098	.098	.982	1.8777	.004	1



Ti 336.121 {100}

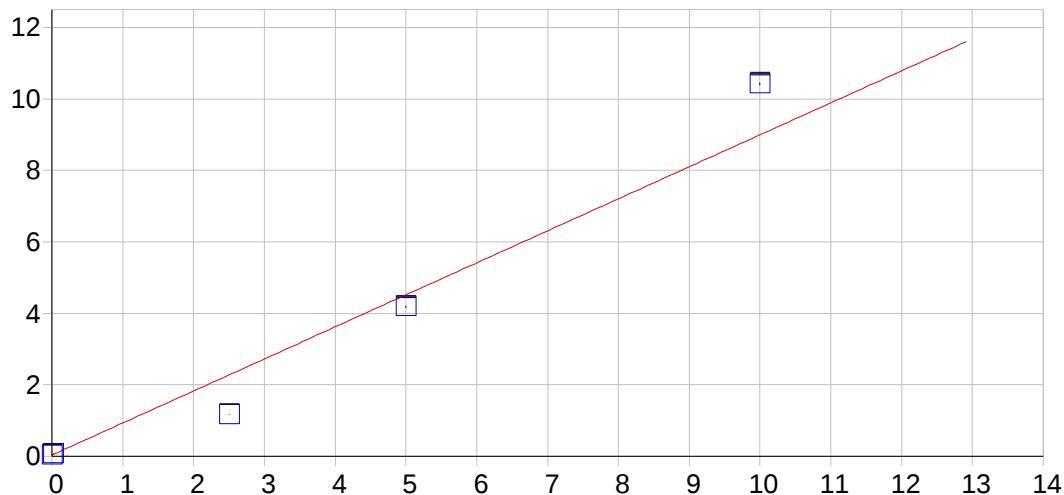
Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004292 Re-Slope: 1.000000
 A1 (Gain): 0.318389 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000100
 Predicted MDL: 0.002260
 Predicted MQL: 0.007532

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00429	.000	1
S1	.04000	.04518	.005	12.9	.01867	.001	1
S3	2.5000	2.5168	.017	.674	.80552	.001	1
S4	5.0000	5.0402	.040	.803	1.6088	.005	1
S5	10.000	9.9378	-.062	-.622	3.1680	.026	1



Li 670.784 { 50}

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

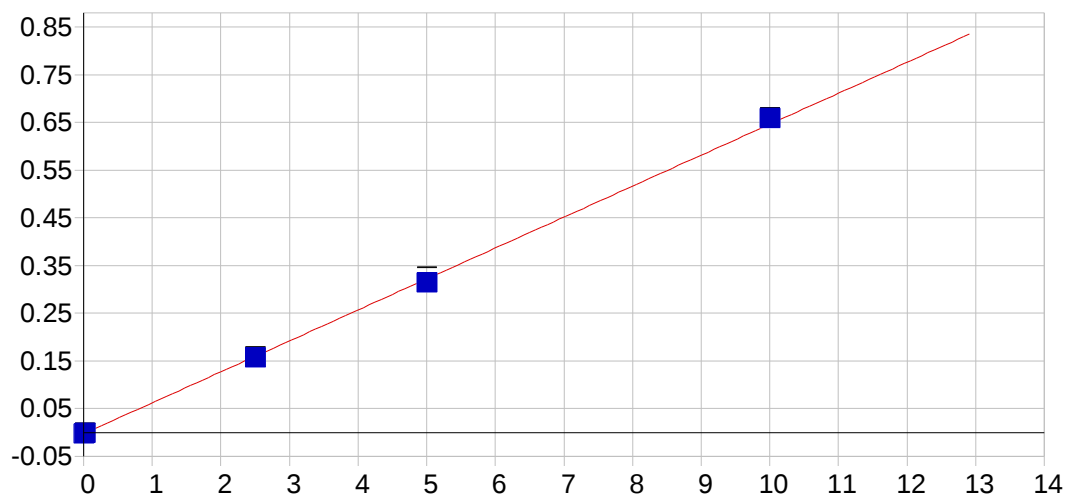
Weighting: 1/Conc

A0 (Offset): 0.036904
 A1 (Gain): 0.895957
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.975053
 Std Error of Est: 0.004927
 Predicted MDL: 0.003752
 Predicted MQL: 0.012506

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	.03690	.001	1
S1	.02000	.03612	.016	80.6	.06927	.002	1
S3	2.5000	1.2618	-1.24	-49.5	1.1674	.009	1
S4	5.0000	4.6283	-.372	-7.43	4.1837	.027	1
S5	10.000	11.594	1.59	15.9	10.424	.036	1

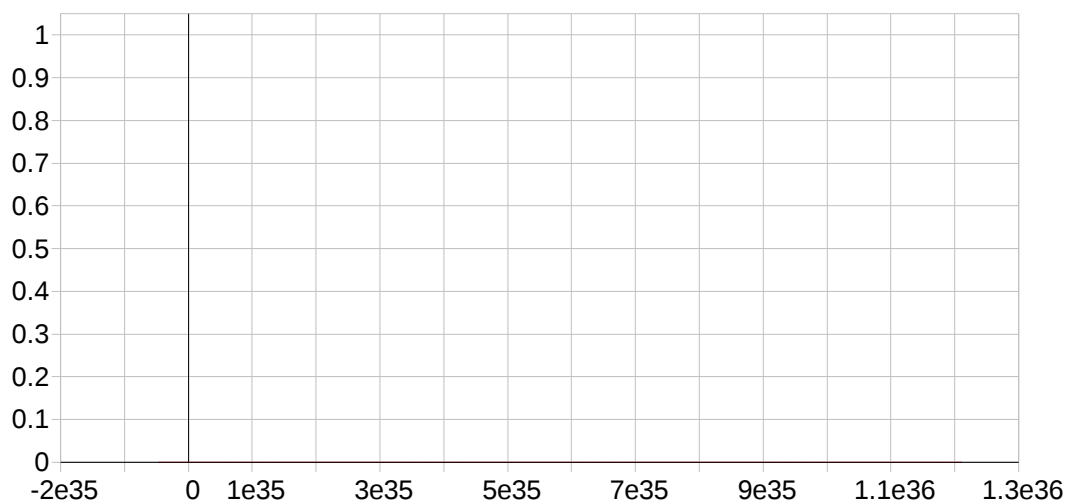


P 177.495 {490}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002556 Re-Slope: 1.000000
 A1 (Gain): 0.064904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.002073
 Predicted MQL: 0.006908

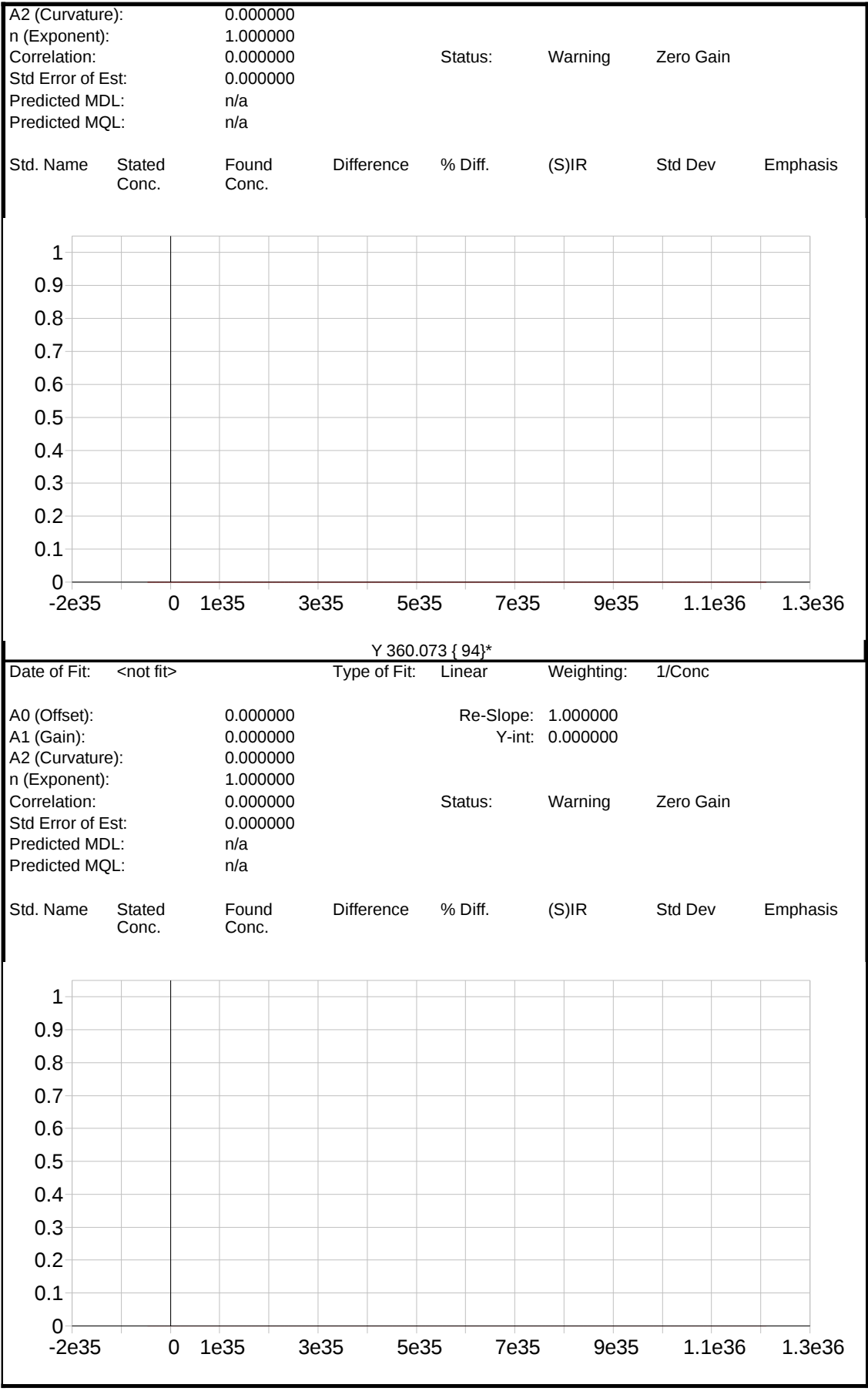
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00256	.000	1
S1	.02000	.01761	-.002	-12.0	-.00142	.000	1
S3	2.5000	2.4430	-.057	-2.28	.15577	.002	1
S4	5.0000	4.8742	-.126	-2.52	.31333	.012	1
S5	10.000	10.185	.185	1.85	.65756	.001	1

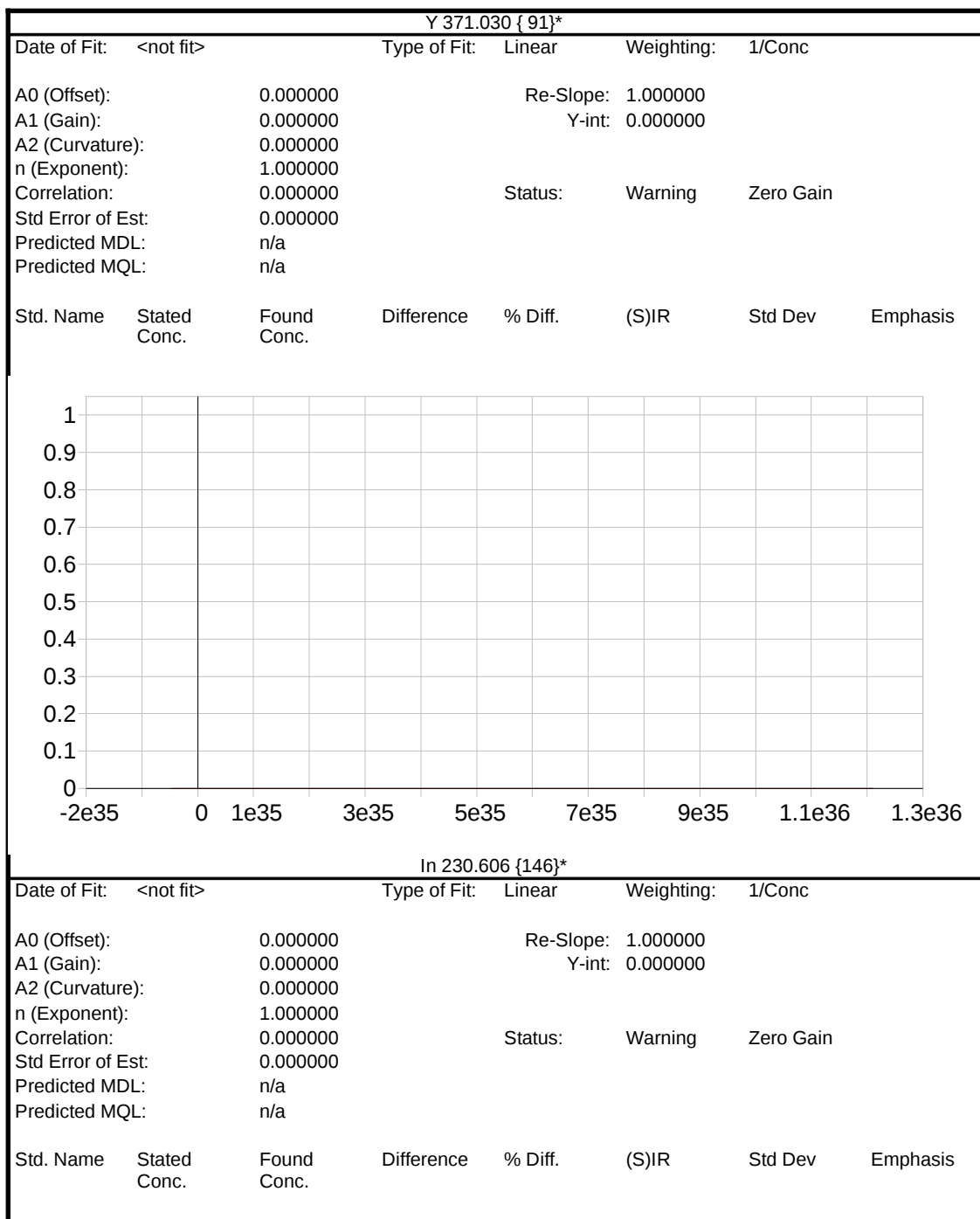


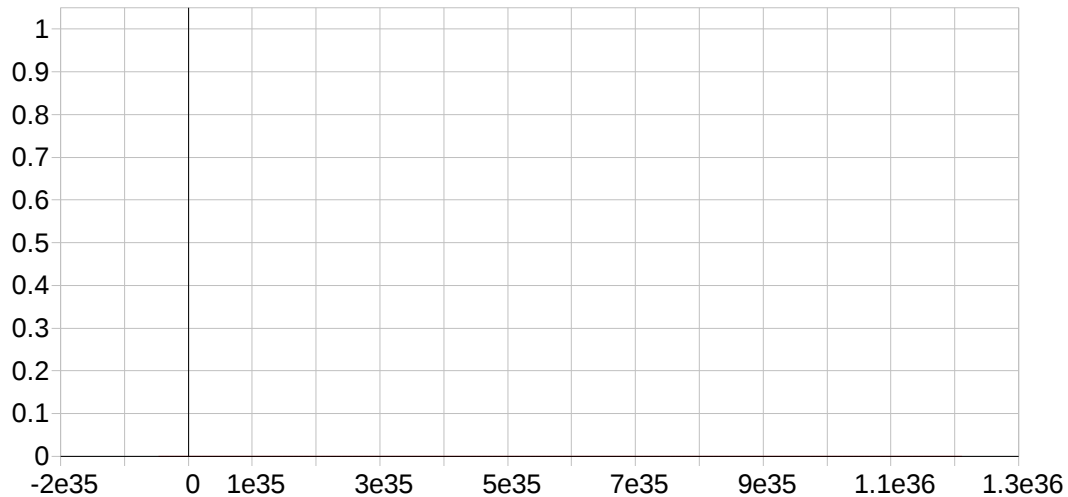
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

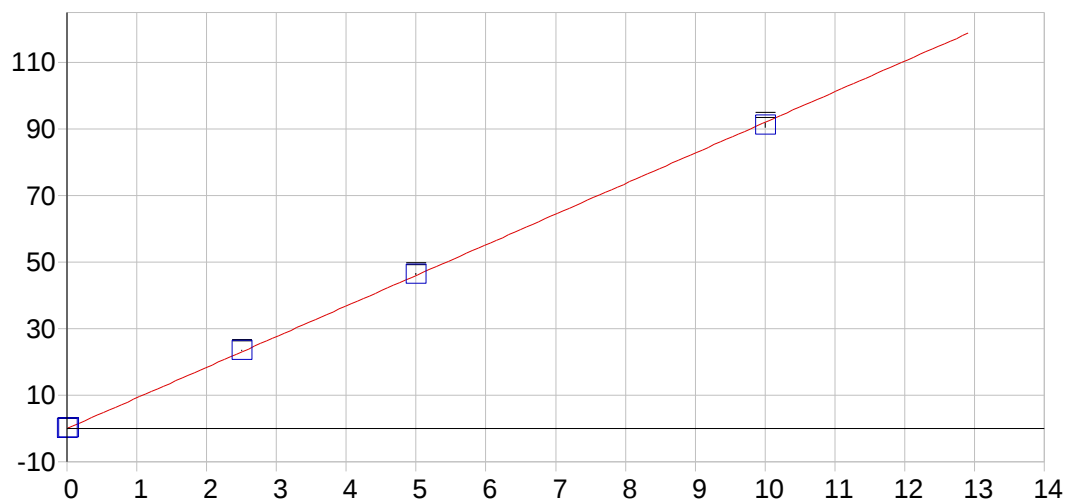
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 10/1/2018 14:12:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004551

Re-Slope: 1.000000

A1 (Gain): 9.199792

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

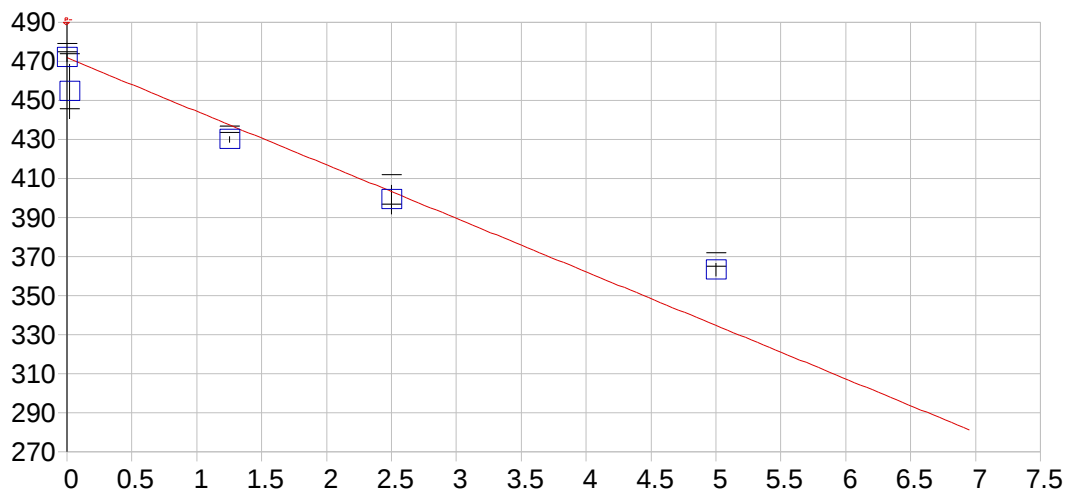
Status: OK.

Std Error of Est: 0.002490

Predicted MDL: 0.000141

Predicted MQL: 0.000469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00456	.003	1
S1	.02000	.02008	.000	.406	.18019	.002	1
S3	2.5000	2.5488	.049	1.95	23.444	.173	1
S4	5.0000	5.0438	.044	.877	46.398	.316	1
S5	10.000	9.9072	-.093	-.928	91.140	.700	1

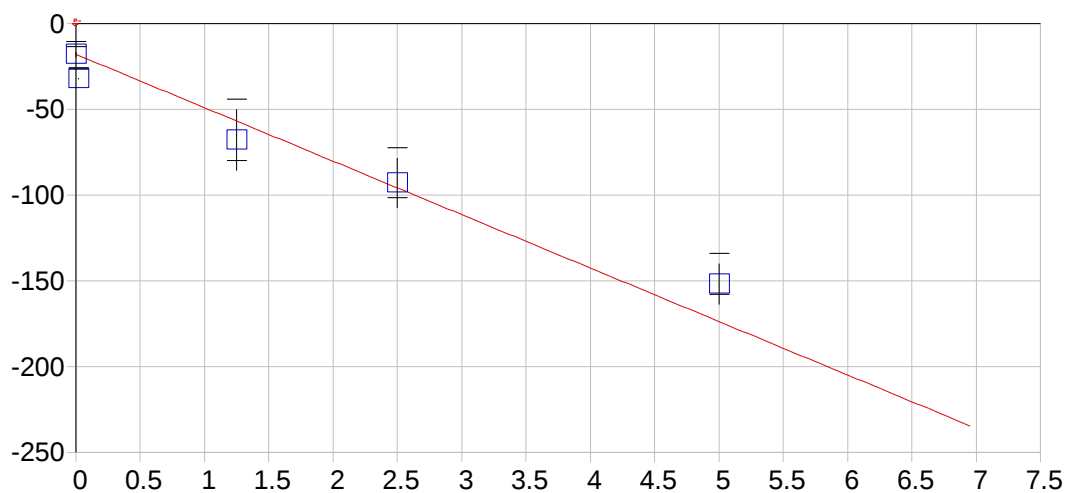


U 367.007 { 92 }

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 471.803381 Re-Slope: 1.000000
 A1 (Gain): -27.410343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.564999 Status: Warning Negative Gain
 Std Error of Est: 0.684033
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00061	-.001	.000	471.82	2.24	1
S1	.02000	.62658	.607	3030.	454.63	14.2	1
S3	1.2500	1.5287	.279	22.3	429.90	1.65	1
S4	2.5000	2.6529	.153	6.11	399.09	7.54	1
S5	5.0000	3.9619	-1.04	-20.8	363.21	3.43	1



U 385.958 { 87}

Date of Fit: 10/1/2018 14:12:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -17.891464 Re-Slope: 1.000000

A1 (Gain): -31.161169 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.687404

Status: Warning Negative Gain

Std Error of Est: 0.562615

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00044	-.000	.000	-17.878	1.39	1
S1	.02000	.45765	.438	2190.	-32.152	.446	1
S3	1.2500	1.6062	.356	28.5	-67.941	17.9	1
S4	2.5000	2.4060	-.094	-3.76	-92.865	14.6	1
S5	5.0000	4.3002	-.700	-14.0	-151.89	12.0	1

Sample Name: S0 Acquired: 10/1/2018 13:18:24 Type: Cal
Method: P4-ICP2(v2468) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00019	-.00024	.00318	-.00010	.00081	-.00001	.10103	-.00008
Stddev	.00025	.00006	.00000	.00003	.00002	.00003	.00279	.00005
%RSD	132.62	23.095	.10345	30.105	2.3194	281.14	2.7573	56.266

#1	.00001	-.00020	.00317	-.00012	.00080	.00001	.09906	-.00005
#2	.00036	-.00028	.00318	-.00008	.00082	-.00003	.10300	-.00012

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	-.00102	.00080	-.00003	-.00056	.00071	.00119	.00006	-.00027
Stddev	.00041	.00074	.00002	.00003	.00015	.01041	.00002	.00055
%RSD	40.216	92.435	78.266	5.6139	20.534	871.15	30.633	201.25

#1	-.00073	.00028	-.00005	-.00058	.00081	.00855	.00005	-.00066
#2	-.00131	.00133	-.00001	-.00054	.00060	-.00616	.00007	.00012

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	-.00542	.00053	.05391	-.00005	.07737	-.03629	.00027	-.00032
Stddev	.00003	.00005	.00315	.00001	.01514	.00097	.00009	.00032
%RSD	.59421	8.7723	5.8453	24.319	19.567	2.6814	33.169	97.435

#1	-.00544	.00050	.05614	-.00005	.08808	-.03698	.00021	-.00055
#2	-.00539	.00056	.05168	-.00006	.06667	-.03560	.00033	-.00010

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	.00279	.01090	.00096	.00429	.03690	-.0026	-.00456	471.82
Stddev	.00004	.00112	.00006	.00047	.00125	.0001	.00267	2.24
%RSD	1.3691	10.298	6.4788	10.998	3.3878	5.394	58.510	.47452

#1	.00282	.01010	.00100	.00396	.03601	-.0027	-.00267	473.40
#2	.00277	.01169	.00091	.00462	.03778	-.0025	-.00644	470.24

Sample Name: S0 Acquired: 10/1/2018 13:18:24 Type: Cal
Method: P4-ICP2(v2468) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-17.878
Stddev	1.392
%RSD	7.7880

#1	-18.862
#2	-16.893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.4	64331.	4524.5	101.79	4371.9
Stddev	17.0	103.	17.9	1.17	16.8
%RSD	.55194	.16084	.39547	1.1473	.38355

#1	3066.4	64258.	4511.9	100.97	4360.0
#2	3090.4	64404.	4537.2	102.62	4383.7

Sample Name: S1 Acquired: 10/1/2018 13:22:25 Type: Cal
Method: P4-ICP2(v2468) 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	.00211	.00506	.00677	.00135	.01191	.00064	.62927	.00465
Stddev	.00005	.00036	.00033	.00016	.00014	.00003	.00574	.00002
%RSD	2.4656	7.1018	4.8025	11.516	1.1738	4.3201	.91236	.36179

#1	.00214	.00531	.00700	.00124	.01201	.00066	.63333	.00464
#2	.00207	.00481	.00654	.00146	.01182	.00062	.62521	.00466

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	.02075	.00099	.04011	.01784	.14127	.02286	.02002	.00257
Stddev	.00063	.00008	.00084	.00064	.02217	.00001	.00060	.00001
%RSD	3.0230	8.2236	2.0986	3.5852	15.694	.03638	3.0131	.39386

#1	.02119	.00093	.04071	.01830	.15694	.02287	.02045	.00258
#2	.02031	.00105	.03952	.01739	.12559	.02285	.01959	.00256

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	.00618	5.1017	.18041	.00351	.00310	.16177	.00877	.01867
Stddev	.00006	.0952	.00431	.00003	.00027	.00007	.00019	.00054
%RSD	.98980	1.8666	2.3908	.77650	8.7722	.04431	2.1107	2.8760

#1	.00614	5.1690	.18346	.00349	.00329	.16172	.00890	.01905
#2	.00622	5.0343	.17736	.00353	.00291	.16182	.00864	.01829

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06927	-.0014	.18019	454.63	-32.152
Stddev	.00152	.0001	.00168	14.22	.446
%RSD	2.1926	7.828	.93158	3.1283	1.3861

#1	.06820	-.0013	.18138	444.57	-31.837
#2	.07034	-.0015	.17900	464.69	-32.468

Sample Name: S1 Acquired: 10/1/2018 13:22:25 Type: Cal
Method: P4-ICP2(v2468) 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	3024.4	64029.	4492.8	103.70	4315.0
Stddev	72.1	38.	52.4	2.00	108.0
%RSD	2.3830	.05871	1.1670	1.9258	2.5019
#1	2973.4	64003.	4455.8	102.29	4238.7
#2	3075.3	64056.	4529.9	105.11	4391.4

Sample Name: S2 Acquired: 10/1/2018 13:26:26 Type: Cal
Method: P4-ICP2(v2468) 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	.12300	.02324	.54043	.15885
Stddev	.00136	.00044	.00466	.00141
%RSD	1.1083	1.8931	.86181	.88758

#1	.12397	.02355	.54373	.15985
#2	.12204	.02293	.53714	.15786

Int. Std.	Y_3710
Units	Cts/S
Avg	4498.0
Stddev	60.1
%RSD	1.3355

#1	4455.6
#2	4540.5

Sample Name: S3 Acquired: 10/1/2018 13:30:21 Type: Cal
Method: P4-ICP2(v2468) 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	.21126	.28923	.72196	.16791	.50747	.03141	24.881	.09525
Stddev	.00210	.00386	.01044	.00122	.00547	.00037	.213	.00003
%RSD	.99550	1.3336	1.4465	.72945	1.0786	1.1775	.85634	.02940

#1	.21275	.29196	.72935	.16878	.51134	.03115	25.032	.09523
#2	.20977	.28650	.71458	.16705	.50360	.03167	24.731	.09527

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	4.3729	.71530	.05177	1.5632	.50835	3.6183	1.2960	.14130
Stddev	.0565	.00149	.00009	.0205	.00477	.0672	.0008	.00130
%RSD	1.2917	.20774	.18304	1.3120	.93855	1.8558	.06142	.91719

#1	4.4128	.71425	.05170	1.5777	.51173	3.6658	1.2954	.14038
#2	4.3330	.71635	.05184	1.5487	.50498	3.5708	1.2965	.14222

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	.73325	.12339	2.9172	.17938	146.56	1.0905	2.1980	.08449
Stddev	.01017	.00060	.0269	.00045	5.18	.0048	.0208	.00008
%RSD	1.3865	.48595	.92306	.25262	3.5365	.43991	.94607	.09094

#1	.74044	.12381	2.9363	.17970	150.23	1.0939	2.2127	.08444
#2	.72606	.12297	2.8982	.17906	142.90	1.0871	2.1833	.08455

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	.09983	.92189	.46518	.80552	1.1674	.1558	23.444	429.90
Stddev	.00119	.01824	.00629	.00100	.0091	.0025	.173	1.65
%RSD	1.1912	1.9788	1.3522	.12469	.77719	1.585	.73716	.38487

#1	.10067	.93478	.46963	.80481	1.1738	.1575	23.567	431.07
#2	.09899	.90899	.46073	.80623	1.1610	.1540	23.322	428.73

Sample Name: S3 Acquired: 10/1/2018 13:30:21 Type: Cal
Method: P4-ICP2(v2468) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-67.941
Stddev	17.916
%RSD	26.370

#1	-55.273
#2	-80.610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.9	62669.	4480.3	99.560	4021.7
Stddev	27.8	141.	54.3	3.389	48.5
%RSD	.93210	.22535	1.2109	3.4038	1.2063

#1	2958.3	62769.	4441.9	97.164	3987.4
#2	2997.5	62570.	4518.7	101.96	4056.0

Sample Name: S4 Acquired: 10/1/2018 13:34:07 Type: Cal
Method: P4-ICP2(v2468) 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	.41914	.56979	1.4228	.33283	1.0019	.06373	50.056	.19086
Stddev	.01264	.02012	.0468	.01000	.0293	.00088	.336	.00251
%RSD	3.0156	3.5315	3.2856	3.0050	2.9239	1.3882	.67196	1.3164

#1	.42807	.58402	1.4558	.33990	1.0227	.06310	50.294	.18909
#2	.41020	.55556	1.3897	.32576	.98122	.06435	49.818	.19264

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	8.7215	1.4159	.10286	3.0811	.97507	7.2410	2.5711	.28040
Stddev	.3018	.0010	.00171	.1064	.02996	.0146	.0312	.00086
%RSD	3.4601	.07044	1.6603	3.4542	3.0724	.20180	1.2126	.30836

#1	8.9349	1.4152	.10165	3.1563	.99625	7.2513	2.5491	.27979
#2	8.5081	1.4166	.10407	3.0058	.95389	7.2307	2.5932	.28102

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	1.4415	.24352	5.7831	.35944	288.03	2.2024	4.2719	.17033
Stddev	.0490	.00249	.0468	.00419	4.77	.0156	.1259	.00070
%RSD	3.3991	1.0223	.80963	1.1661	1.6554	.70898	2.9465	.40886

#1	1.4761	.24176	5.8162	.35648	291.41	2.2135	4.3609	.16984
#2	1.4068	.24528	5.7500	.36241	284.66	2.1914	4.1829	.17082

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	.19979	1.7811	.91197	1.6088	4.1837	.3133	46.398	399.09
Stddev	.00691	.0098	.03039	.0047	.0270	.0117	.316	7.54
%RSD	3.4595	.55110	3.3329	.29339	.64563	3.728	.68165	1.8893

#1	.20468	1.7742	.93346	1.6122	4.2028	.3216	46.621	404.42
#2	.19490	1.7881	.89048	1.6055	4.1646	.3051	46.174	393.76

Sample Name: S4 Acquired: 10/1/2018 13:34:07 Type: Cal
Method: P4-ICP2(v2468) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-92.865
Stddev	14.611
%RSD	15.734

#1	-82.533
#2	-103.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.8	61567.	4443.6	97.575	3978.3
Stddev	79.9	448.	22.5	1.335	126.4
%RSD	2.6604	.72797	.50562	1.3679	3.1761

#1	2948.2	61884.	4427.7	96.631	3888.9
#2	3061.3	61251.	4459.5	98.519	4067.6

Sample Name: S5 Acquired: 10/1/2018 13:37:52 Type: Cal
Method: P4-ICP2(v2468) 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	.86073	1.1575	2.9440	.67802	2.0416	.12847	98.650	.37840
Stddev	.00205	.0040	.0061	.00045	.0014	.00013	.151	.00058
%RSD	.23794	.34431	.20808	.06632	.06764	.09788	.15303	.15407

#1	.86218	1.1604	2.9483	.67771	2.0426	.12856	98.543	.37881
#2	.85928	1.1547	2.9396	.67834	2.0406	.12838	98.757	.37799

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	18.106	2.7704	.20121	6.3774	1.9447	14.299	4.9997	.55041
Stddev	.027	.0072	.00005	.0086	.0025	.344	.0339	.00035
%RSD	.15106	.25884	.02250	.13401	.12817	2.4050	.67718	.06352

#1	18.125	2.7755	.20118	6.3834	1.9465	14.543	4.9757	.55066
#2	18.086	2.7653	.20124	6.3713	1.9429	14.056	5.0236	.55016

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	2.9732	.48540	11.460	.71525	568.14	4.4146	8.5904	.33757
Stddev	.0051	.00192	.060	.00091	3.91	.0140	.0077	.00240
%RSD	.17159	.39576	.52428	.12702	.68891	.31676	.08915	.71233

#1	2.9768	.48676	11.503	.71590	570.91	4.4245	8.5958	.33927
#2	2.9696	.48404	11.418	.71461	565.38	4.4047	8.5850	.33587

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	.42293	3.4994	1.8777	3.1680	10.424	.6576	91.140	363.21
Stddev	.00057	.0049	.0038	.0263	.036	.0008	.700	3.43
%RSD	.13581	.13947	.20347	.83040	.34804	.1161	.76848	.94421

#1	.42333	3.5029	1.8804	3.1866	10.450	.6581	90.645	360.78
#2	.42252	3.4960	1.8750	3.1494	10.399	.6570	91.635	365.63

Sample Name: S5 Acquired: 10/1/2018 13:37:52 Type: Cal
Method: P4-ICP2(v2468) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-151.89
Stddev	11.97
%RSD	7.8808

#1	-143.43
#2	-160.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.7	60540.	4444.5	96.054	3714.0
Stddev	3.3	123.	12.7	.647	6.2
%RSD	.11477	.20314	.28465	.67409	.16703

#1	2905.4	60627.	4453.5	95.596	3709.6
#2	2910.1	60453.	4435.6	96.512	3718.4

Sample Name: ICV01 Acquired: 10/1/2018 13:41:50 Type: Unk
Method: P4-ICP2(v2468) 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	1.0271	1.0709	1.0252	1.0381	.99035	2.5132	.51029
Stddev	.0059	.0055	.0002	.0076	.00228	.0298	.00019
%RSD	.57080	.51630	.02176	.72956	.23012	1.1864	.03680

#1	1.0313	1.0748	1.0251	1.0434	.99196	2.4922	.51016
#2	1.0230	1.0670	1.0254	1.0327	.98874	2.5343	.51043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49221	.49978	10.276	.50807	.49594	.51156	5.0148
Stddev	.00089	.00007	.056	.00085	.00011	.00039	.0202
%RSD	.18019	.01495	.54223	.16739	.02316	.07612	.40186

#1	.49284	.49983	10.236	.50867	.49602	.51128	5.0005
#2	.49158	.49972	10.315	.50747	.49586	.51184	5.0290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51840	6.0545	.50902	.52025	10.096	.50431	1.0031
Stddev	.00036	.0026	.00002	.00077	.014	.00055	.0028
%RSD	.07035	.04218	.00426	.14786	.13986	.11002	.27623

#1	.51866	6.0527	.50903	.52080	10.086	.50392	1.0050
#2	.51814	6.0563	.50900	.51971	10.106	.50471	1.0011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.201	2.5231	2.5605	F -.03163	2.4416	2.4734	2.5712
Stddev	.026	.0041	.0084	.00643	.0149	.0041	.0016
%RSD	.25161	.16362	.32913	20.346	.60816	.16423	.06368

#1	10.219	2.5260	2.5546	-.02708	2.4521	2.4763	2.5724
#2	10.183	2.5202	2.5665	-.03618	2.4311	2.4705	2.5701

Sample Name: ICV01 Acquired: 10/1/2018 13:41:50 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00370	F .0057	F .01168	F 1.3115	F 2.3918
Stddev	.00020	.0018	.00011	.1794	.4389
%RSD	5.5321	30.83	.94959	13.679	18.350

#1	-.00384	.0045	.01176	1.1846	2.0814
#2	-.00355	.0070	.01160	1.4383	2.7022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.5	64047.	4541.9	102.87	4230.1
Stddev	9.5	175.	16.9	.42	1.0
%RSD	.30761	.27251	.37246	.40385	.02323

#1	3076.8	64171.	4530.0	102.57	4229.4
#2	3090.2	63924.	4553.9	103.16	4230.8

Sample Name: LLICV01 Acquired: 10/1/2018 13:45:39 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01849	.04570	.01311	.02281	.05249	.09732	.10589
Stddev	.00173	.00084	.00028	.00155	.00128	.01135	.00070
%RSD	9.3718	1.8273	2.1716	6.7858	2.4470	11.665	.65883

#1	.01726	.04629	.01332	.02171	.05340	.08929	.10638
#2	.01971	.04511	.01291	.02390	.05159	.10535	.10540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	.00585	2.0429	.00994	.03143	.02041	.10113
Stddev	.00002	.00005	.0101	.00022	.00001	.00016	.00572
%RSD	.29974	.83934	.49709	2.1899	.04276	.80263	5.6563

#1	.00615	.00588	2.0357	.00978	.03144	.02029	.09708
#2	.00618	.00581	2.0501	.01009	.03142	.02053	.10517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02204	2.1526	.04180	.01056	2.0366	.04282	.04316
Stddev	.00012	.0530	.00022	.00024	.0021	.00040	.00010
%RSD	.56368	2.4609	.51865	2.2842	.10375	.93641	.23346

#1	.02213	2.1151	.04195	.01073	2.0381	.04254	.04309
#2	.02195	2.1901	.04164	.01039	2.0351	.04310	.04323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0590	.20240	.11749	F -.02049	.42136	.04021	.04456
Stddev	.0009	.00061	.01362	.00122	.00491	.00025	.00119
%RSD	.04482	.30238	11.592	5.9725	1.1642	.61233	2.6715

#1	2.0583	.20283	.12712	-.01963	.42483	.04038	.04541
#2	2.0596	.20197	.10786	-.02136	.41789	.04003	.04372

Sample Name: LLICV01 Acquired: 10/1/2018 13:45:39 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .03703	.0175	.01967	F .83553	F .19008
Stddev	.00325	.0001	.00007	.77482	.41978
%RSD	8.7862	.5478	.35177	92.734	220.84

#1	.03933	.0175	.01971	1.3834	-.10675
#2	.03473	.0176	.01962	.28765	.48691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3131.4	65143.	4551.7	105.21	4458.7
Stddev	5.4	81.	33.9	.20	11.7
%RSD	.17269	.12492	.74441	.18585	.26204

#1	3127.6	65201.	4527.7	105.07	4450.5
#2	3135.2	65086.	4575.6	105.35	4467.0

Sample Name: ICB01 Acquired: 10/1/2018 13:49:40 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00139	-.00055	.00499	-.00021	-.00109	.00244
Stddev	.00008	.00085	.00120	.00219	.00042	.00039	.00018
%RSD	12.333	61.456	218.91	43.956	195.38	35.697	7.3247

#1	.00058	.00078	-.00140	.00344	.00008	-.00082	.00232
#2	.00069	.00199	.00030	.00654	-.00051	-.00137	.00257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00002	.00193	-.00031	.00016	-.00026	.00090
Stddev	.00003	.00005	.00865	.00044	.00010	.00068	.00427
%RSD	127.35	218.64	448.35	140.82	62.637	258.58	473.26

#1	.00000	.00005	.00804	-.00062	.00023	-.00074	-.00212
#2	.00005	-.00001	-.00419	-.00000	.00009	.00022	.00393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01309	-.00026	.00008	-.06454	-.00027	-.00011
Stddev	.00012	.01978	.00064	.00062	.00838	.00027	.00004
%RSD	450.87	151.09	249.31	780.82	12.982	99.466	40.605

#1	-.00006	-.00089	.00020	-.00036	-.07046	-.00046	-.00008
#2	.00011	.02708	-.00071	.00052	-.05862	-.00008	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00007	.01125	F -.03748	.00355	-.00125	.00263
Stddev	.00835	.00015	.00091	.00192	.00186	.00041	.00023
%RSD	263.25	216.06	8.1053	5.1258	52.381	32.875	8.6939

#1	.00907	-.00017	.01061	-.03884	.00486	-.00154	.00279
#2	-.00273	.00004	.01189	-.03612	.00223	-.00096	.00247

Sample Name: ICB01 Acquired: 10/1/2018 13:49:40 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00795	-0.0014	-0.00023	F .42560	F .92995
Stddev	.00222	.0016	.00007	.00556	.44223
%RSD	27.934	112.0	28.402	1.3061	47.554

#1	-0.00638	-0.0003	-0.00019	.42953	.61725
#2	-0.00952	-0.0025	-0.00028	.42166	1.2427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.9	66428.	4574.3	103.66	4445.7
Stddev	.8	1406.	11.5	1.34	4.6
%RSD	.02495	2.1159	.25092	1.2924	.10362

#1	3140.3	65434.	4566.2	102.71	4448.9
#2	3141.5	67422.	4582.4	104.61	4442.4

Sample Name: CRI01 Acquired: 10/1/2018 13:53:44 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02239	.04591	.01301	.02143	.05204	.09460	.10877
Stddev	.00044	.00152	.00016	.00213	.00087	.00222	.00104
%RSD	1.9452	3.3183	1.2297	9.9248	1.6788	2.3491	.95881

#1	.02270	.04483	.01313	.02294	.05142	.09617	.10950
#2	.02208	.04699	.01290	.01993	.05266	.09303	.10803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.00619	2.1761	.01034	.03202	.02162	.11239
Stddev	.00000	.00001	.0364	.00053	.00033	.00018	.00283
%RSD	.03504	.23121	1.6724	5.0805	1.0457	.83638	2.5190

#1	.00653	.00618	2.2019	.01072	.03178	.02175	.11039
#2	.00653	.00620	2.1504	.00997	.03226	.02149	.11439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02325	2.2647	.04227	.01105	2.1443	.04369	.04779
Stddev	.00047	.0358	.00043	.00001	.0129	.00032	.00089
%RSD	2.0288	1.5799	1.0258	.05963	.60047	.74313	1.8535

#1	.02358	2.2394	.04196	.01104	2.1534	.04392	.04841
#2	.02291	2.2900	.04258	.01105	2.1352	.04346	.04716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1032	.21206	.11758	F -.02014	.41950	.04117	.04539
Stddev	.0148	.00100	.01378	.00628	.00149	.00004	.00008
%RSD	.70495	.46942	11.722	31.171	.35572	.09217	.18121

#1	2.0927	.21135	.12733	-.01570	.42056	.04119	.04533
#2	2.1137	.21276	.10784	-.02459	.41845	.04114	.04545

Sample Name: CRI01 Acquired: 10/1/2018 13:53:44 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .03843	.0195	.02099	F 1.3228	F .69560
Stddev	.00100	.0029	.00001	.5490	.15675
%RSD	2.5916	14.73	.05022	41.503	22.534

#1	.03773	.0174	.02100	1.7110	.58476
#2	.03914	.0215	.02098	.93457	.80644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.9	64258.	4538.2	104.38	4397.7
Stddev	1.5	1477.	56.6	2.20	14.0
%RSD	.04732	2.2991	1.2480	2.1042	.31731

#1	3122.8	63214.	4498.2	102.83	4407.6
#2	3124.9	65303.	4578.3	105.93	4387.8

Sample Name: ICSA01 Acquired: 10/1/2018 13:57:46 Type: Unk
 Method: P4-ICP2(v2468) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	.00277	-.00878	-.01467	.00469	256.94	.00690
Stddev	.00180	.00269	.00100	.00169	.00034	.15	.00097
%RSD	37.161	97.015	11.403	11.487	7.3228	.05991	14.106

#1	.00610	.00467	-.00807	-.01348	.00445	257.05	.00621
#2	.00356	.00087	-.00948	-.01587	.00494	256.84	.00759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.00016	237.84	.05497	-.00080	.00854	91.340
Stddev	.00013	.00018	1.25	.00026	.00030	.00035	.152
%RSD	56.040	117.37	.52759	.47639	38.116	4.1408	.16621

#1	-.00013	-.00029	238.73	.05515	-.00058	.00829	91.448
#2	-.00031	-.00003	236.96	.05478	-.00102	.00879	91.233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01077	250.92	-.00290	.00047	-.00198	.00104	-.00031
Stddev	.00010	1.07	.00027	.00002	.00442	.00039	.00021
%RSD	.96535	.42599	9.3514	4.6899	222.95	37.225	65.909

#1	.01069	251.68	-.00309	.00045	-.00511	.00132	-.00017
#2	.01084	250.17	-.00271	.00048	.00114	.00077	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05034	-.00095	.01503	-.01828	-.00637	.00809	-.00078
Stddev	.03020	.00011	.00558	.00465	.00277	.00145	.00270
%RSD	60.004	11.240	37.158	25.459	43.467	17.917	346.57

#1	.02898	-.00087	.01108	-.02157	-.00441	.00707	.00113
#2	.07169	-.00102	.01898	-.01499	-.00833	.00912	-.00269

Sample Name: ICSA01 Acquired: 10/1/2018 13:57:46 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01081	.0111	F .09743	F<.00000	F 21.251
Stddev	.00109	.0002	.00005	.10868	.140
%RSD	10.082	1.766	.05172	161.90	.65946
#1	.01004	.0112	.09747	.00972	21.152
#2	.01158	.0110	.09740	-.14398	21.350
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.9	57430.	4302.4	96.704	3585.1
Stddev	3.8	61.	13.9	.202	6.1
%RSD	.13838	.10598	.32223	.20872	.17047
#1	2776.2	57387.	4292.6	96.561	3580.8
#2	2781.7	57473.	4312.2	96.846	3589.4

Sample Name: ICSAB01 Acquired: 10/1/2018 14:01:51 Type: Unk
Method: P4-ICP2(v2468) 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	.10550	.09798	.03928	.03429	.57211	246.27	.48274
Stddev	.00372	.00498	.00172	.00609	.00012	.51	.00044
%RSD	3.5237	5.0844	4.3752	17.749	.02090	.20687	.09102

#1	.10813	.10150	.04050	.02999	.57220	246.63	.48243
#2	.10287	.09445	.03807	.03859	.57203	245.91	.48305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49597	.94479	226.45	.51990	.45865	.46091	89.391
Stddev	.00139	.00183	.27	.00233	.00027	.00091	.445
%RSD	.28044	.19396	.11817	.44899	.05912	.19834	.49780

#1	.49695	.94609	226.26	.52155	.45845	.46026	89.077
#2	.49499	.94350	226.64	.51825	.45884	.46155	89.706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48840	238.30	.91445	.20609	-.01384	.47459	.91991
Stddev	.00144	1.27	.00089	.00028	.00946	.00070	.00358
%RSD	.29586	.53382	.09732	.13455	68.359	.14783	.38957

#1	.48942	237.40	.91508	.20629	-.00715	.47508	.91738
#2	.48737	239.20	.91382	.20589	-.02052	.47409	.92245

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03664	.00054	.02586	F -.02687	-.00109	.00918	-.00124
Stddev	.00218	.00046	.00488	.00233	.00389	.00200	.00012
%RSD	5.9403	85.109	18.854	8.6827	355.22	21.809	9.3674

#1	.03511	.00022	.02931	-.02852	-.00384	.00777	-.00133
#2	.03818	.00087	.02241	-.02522	.00165	.01060	-.00116

Sample Name: ICSAB01 Acquired: 10/1/2018 14:01:51 Type: Unk
 Method: P4-ICP2(v2468) 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	ppm
Avg	.00326	F .0140	.09416	F .29133	F 20.512
Stddev	.00127	.0010	.00034	.24160	.126
%RSD	39.034	7.192	.36458	82.930	.61469

#1	.00236	.0133	.09440	.12049	20.422
#2	.00415	.0147	.09391	.46217	20.601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.3	57862.	4372.2	95.841	3618.2
Stddev	1.9	175.	8.4	.366	7.0
%RSD	.06784	.30220	.19175	.38206	.19297

#1	2784.0	57739.	4366.3	96.100	3613.3
#2	2786.7	57986.	4378.1	95.582	3623.1

Sample Name: CCV01 Acquired: 10/1/2018 14:05:50 Type: Unk
Method: P4-ICP2(v2468) 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	5.1174	5.1662	5.0989	5.1234	5.1402	9.6559	10.022	.24090
Stddev	.2023	.2294	.2262	.2243	.2082	.9984	.069	.02856
%RSD	3.9540	4.4408	4.4358	4.3775	4.0510	10.339	.68805	11.854
#1	5.2605	5.3284	5.2588	5.2820	5.2874	8.9499	9.9733	.22071
#2	4.9743	5.0040	4.9390	4.9648	4.9929	10.362	10.071	.26109
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5575	25.084	.95477	2.5410	1.2761	4.9269	2.4451	25.095
Stddev	.1139	.051	.11936	.1148	.0511	.0311	.2915	.290
%RSD	4.4539	.20314	12.502	4.5186	4.0022	.63104	11.922	1.1572
#1	2.6380	25.048	.87036	2.6222	1.3122	4.9049	2.2389	24.889
#2	2.4769	25.120	1.0392	2.4598	1.2400	4.9489	2.6512	25.300
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5484	1.2017	24.959	2.4167	2.4958	24.954	5.1572	5.0236
Stddev	.1152	.1397	.163	.2947	.0075	.120	.2043	.0153
%RSD	4.5201	11.623	.65249	12.194	.30006	.48210	3.9609	.30539
#1	2.6298	1.1029	24.844	2.2083	2.4905	24.869	5.3017	5.0128
#2	2.4669	1.3004	25.074	2.6250	2.5011	25.040	5.0128	5.0345
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0101	4.8068	5.0853	5.0175	F 6.0362	5.082	4.9679	F 2.2232
Stddev	.2402	.0785	.2375	.0040	.0498	.235	.0208	1.3052
%RSD	4.7938	1.6326	4.6705	.08060	.82413	4.624	.41790	58.708
#1	5.1799	4.7513	5.2532	5.0146	6.0010	5.248	4.9532	1.3003
#2	4.8403	4.8622	4.9174	5.0203	6.0714	4.916	4.9826	3.1461

Sample Name: CCV01 Acquired: 10/1/2018 14:05:50 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6976
Stddev .3390
%RSD 12.568

#1 2.4579
#2 2.9373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.8	64213.	4472.1	99.127	3862.5
Stddev	103.6	6411.	10.8	.773	158.7
%RSD	3.5307	9.9834	.24204	.77934	4.1090

#1	2860.5	68746.	4479.7	99.674	3750.2
#2	3007.0	59680.	4464.4	98.581	3974.7

Sample Name: CCB01 Acquired: 10/1/2018 14:09:37 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00008	.00065	.00221	-.00168	-.00926	.00238
Stddev	.00093	.00105	.00031	.00123	.00033	.00348	.00011
%RSD	383.98	1315.7	48.496	55.778	19.511	37.566	4.5508

#1	.00042	.00082	.00042	.00308	-.00145	-.00680	.00246
#2	-.00090	-.00066	.00087	.00134	-.00191	-.01172	.00230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00003	-.01900	-.00017	.00001	.00037	-.00446
Stddev	.00002	.00001	.00658	.00036	.00013	.00035	.01439
%RSD	27.128	27.046	34.649	214.86	960.89	93.689	322.47

#1	.00008	.00003	-.02365	.00009	.00011	.00062	.00571
#2	.00006	.00004	-.01434	-.00042	-.00008	.00013	-.01464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.04455	-.00000	.00025	-.10042	-.00019	-.00010
Stddev	.00003	.04138	.00004	.00020	.00871	.00029	.00003
%RSD	23.123	92.891	8747.0	80.742	8.6725	149.74	30.601

#1	.00015	.01529	.00003	.00011	-.10658	.00001	-.00008
#2	.00011	.07381	-.00003	.00039	-.09426	-.00039	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03961	.00040	.00936	F -.04596	-.00256	-.00049	.00250
Stddev	.00616	.00018	.01236	.00036	.00233	.00058	.00009
%RSD	15.550	45.056	132.05	.77339	91.015	119.20	3.4807

#1	-.03526	.00027	.00062	-.04571	-.00420	-.00008	.00244
#2	-.04397	.00052	.01810	-.04621	-.00091	-.00090	.00256

Sample Name: CCB01 Acquired: 10/1/2018 14:09:37 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00861	-.0019	-.00030	F 1.4191	F .76322
Stddev	.00039	.0012	.00017	.1098	.22642
%RSD	4.5324	60.91	55.433	7.7391	29.666

#1	-.00833	-.0027	-.00018	1.3414	.92332
#2	-.00889	-.0011	-.00042	1.4967	.60312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.8	65110.	4506.1	104.30	4463.1
Stddev	7.9	112.	44.3	1.56	8.7
%RSD	.24971	.17271	.98290	1.4915	.19542

#1	3152.2	65190.	4474.8	105.40	4457.0
#2	3163.4	65031.	4537.4	103.20	4469.3

Sample Name: J5033-24 Acquired: 10/1/2018 14:16:23 Type: Unk
Method: P4-ICP2(v2468) 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	-.00020	.00059	.00013	.00938	.00118	.04126	.06527	.00007
Stddev	.00167	.00137	.00077	.00306	.00033	.00571	.00049	.00004
%RSD	828.19	232.94	576.28	32.630	28.274	13.843	.74439	55.267

#1	.00098	.00156	-.00041	.01154	.00094	.03722	.06561	.00004
#2	-.00139	-.00038	.00068	.00721	.00141	.04530	.06492	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	27.304	.07155	.00003	.00294	.06620	.00664	9.2191
Stddev	.00002	.038	.00061	.00001	.00046	.00856	.00005	.0821
%RSD	32.651	.14095	.85457	18.470	15.640	12.932	.70721	.89068

#1	-.00004	27.332	.07198	.00003	.00326	.06014	.00668	9.2772
#2	-.00006	27.277	.07112	.00004	.00261	.07225	.00661	9.1611

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01522	-.00034	142.10	-.00041	.05851	3.4786	.00170	.06916
Stddev	.00065	.00028	.38	.00018	.00130	.0108	.00015	.01190
%RSD	4.2651	81.652	.26435	43.450	2.2266	.31045	8.8405	17.201

#1	.01568	-.00054	142.37	-.00029	.05943	3.4862	.00181	.07757
#2	.01476	-.00014	141.84	-.00054	.05759	3.4709	.00160	.06075

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7333	3.3897	-.00108	.00201	-.00411	.0014	.18474	3.8553
Stddev	.0227	.0379	.00027	.00036	.00440	.0018	.00084	.2491
%RSD	.33769	1.1184	24.948	17.729	106.90	126.5	.45219	6.4613

#1	6.7494	3.4165	-.00128	.00175	-.00100	.0026	.18533	4.0315
#2	6.7172	3.3629	-.00089	.00226	-.00722	.0001	.18415	3.6792

Sample Name: J5033-24 Acquired: 10/1/2018 14:16:23 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5868
Stddev	.2139
%RSD	13.478

#1	1.4355
#2	1.7380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.5	60657.	4380.8	100.06	4029.1
Stddev	16.6	64.	46.7	2.83	39.6
%RSD	.56194	.10541	1.0664	2.8316	.98331

#1	2945.7	60612.	4347.8	98.053	4001.1
#2	2969.2	60702.	4413.9	102.06	4057.1

Sample Name: J5033-24DUP Acquired: 10/1/2018 14:20:25 Type: Unk
Method: P4-ICP2(v2468) 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	-.00199	-.00038	-.00001	.00414	-.00035	.03914	.06498	.00002
Stddev	.00182	.00114	.00087	.00036	.00033	.00609	.00033	.00005
%RSD	91.517	296.03	7729.1	8.7325	94.056	15.567	.50296	273.68

#1	-.00327	.00042	-.00063	.00439	-.00012	.04345	.06522	-.00002
#2	-.00070	-.00119	.00060	.00388	-.00058	.03483	.06475	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	27.408	.07171	.00017	.00285	.07599	.00670	9.1209
Stddev	.00001	.094	.00013	.00017	.00064	.01097	.00001	.0378
%RSD	10.195	.34231	.17964	97.680	22.564	14.439	.12468	.41447

#1	-.00006	27.341	.07180	.00029	.00240	.08374	.00669	9.0942
#2	-.00007	27.474	.07162	.00005	.00331	.06823	.00670	9.1477

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01517	-.00004	142.89	-.00020	.05846	3.4794	.00134	.06707
Stddev	.00027	.00002	.31	.00000	.00065	.0097	.00012	.00107
%RSD	1.8029	42.414	.21569	1.8596	1.1100	.27852	8.5782	1.6003

#1	.01498	-.00006	142.67	-.00021	.05892	3.4726	.00142	.06631
#2	.01536	-.00003	143.10	-.00020	.05800	3.4863	.00126	.06783

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7418	3.4000	-.00179	.00144	-.00297	.0019	.18457	3.4353
Stddev	.0183	.0246	.00042	.00493	.00035	.0018	.00117	.1645
%RSD	.27204	.72360	23.420	343.18	11.826	93.08	.63164	4.7897

#1	6.7548	3.3826	-.00209	.00492	-.00322	.0032	.18539	3.5516
#2	6.7289	3.4174	-.00149	-.00205	-.00273	.0007	.18374	3.3189

Sample Name: J5033-24DUP Acquired: 10/1/2018 14:20:25 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7347
Stddev	.3140
%RSD	18.100

#1	1.9568
#2	1.5127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.9	61296.	4386.9	100.45	4024.6
Stddev	7.7	256.	6.1	1.33	20.2
%RSD	.25805	.41838	.13818	1.3259	.50256

#1	2965.5	61114.	4391.2	99.509	4010.3
#2	2976.3	61477.	4382.7	101.39	4038.9

Sample Name: J5033-24LX5 Acquired: 10/1/2018 14:24:27 Type: Unk
Method: P4-ICP2(v2468) 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	-.00068	.00006	-.00038	.00162	.00065	.01177	.01488	.00006
Stddev	.00011	.00004	.00118	.00203	.00062	.00647	.00027	.00006
%RSD	15.794	55.190	310.70	125.74	95.573	54.935	1.8157	86.544

#1	-.00076	.00004	.00045	.00305	.00021	.01635	.01507	.00010
#2	-.00061	.00009	-.00122	.00018	.00108	.00720	.01469	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	5.5191	.00881	.00004	.00060	.00347	.00129	1.8545
Stddev	.00001	.0283	.00014	.00000	.00012	.00088	.00001	.0113
%RSD	33.251	.51317	1.5802	8.1899	20.487	25.236	1.1351	.61162

#1	.00004	5.4991	.00872	.00005	.00051	.00409	.00130	1.8625
#2	.00003	5.5391	.00891	.00004	.00069	.00285	.00128	1.8464

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00271	-.00057	28.677	-.00055	.01174	.67732	.00013	.02379
Stddev	.00055	.00007	.152	.00032	.00023	.01312	.00016	.00810
%RSD	20.265	11.475	.52845	58.930	1.9228	1.9364	125.66	34.044

#1	.00232	-.00062	28.570	-.00032	.01190	.66805	.00025	.01806
#2	.00310	-.00053	28.784	-.00078	.01158	.68660	.00001	.02952

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2971	.70291	-.00124	.00167	-.00859	-.0008	.03699	1.7789
Stddev	.0047	.00042	.00072	.00224	.00474	.0005	.00006	.3311
%RSD	.36036	.05999	58.325	134.06	55.125	64.17	.16484	18.615

#1	1.2938	.70261	-.00175	.00009	-.01194	-.0004	.03704	2.0130
#2	1.3004	.70320	-.00073	.00326	-.00524	-.0012	.03695	1.5447

Sample Name: J5033-24LX5 Acquired: 10/1/2018 14:24:27 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1614
Stddev	.3164
%RSD	27.247

#1	1.3851
#2	.93762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.2	64037.	4503.0	102.58	4320.2
Stddev	5.6	15.	42.8	2.29	.1
%RSD	.18014	.02324	.94948	2.2287	.00192

#1	3102.2	64027.	4533.3	100.97	4320.3
#2	3110.2	64048.	4472.8	104.20	4320.2

Sample Name: J5033-24MS Acquired: 10/1/2018 14:28:32 Type: Unk
Method: P4-ICP2(v2468) 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	.75130	1.8182	.89716	1.8452	.72179	1.8885	.25200	.18125	.18237
Stddev	.00087	.0128	.00614	.0060	.00410	.0261	.00141	.00070	.00100
%RSD	.11554	.70492	.68388	.32429	.56845	1.3815	.55791	.38701	.54827

#1	.75192	1.8091	.89282	1.8409	.72470	1.8701	.25299	.18174	.18166
#2	.75069	1.8272	.90150	1.8494	.71889	1.9070	.25101	.18075	.18307

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.059	.41210	.18150	.27267	2.7781	.19378	10.824	.46111	.06545
Stddev	.064	.00205	.00093	.00058	.0360	.00044	.039	.00279	.00019
%RSD	.22934	.49732	.51280	.21350	1.2958	.22564	.36212	.60527	.29738

#1	28.104	.41066	.18085	.27226	2.8035	.19409	10.796	.45914	.06531
#2	28.013	.41355	.18216	.27308	2.7526	.19347	10.852	.46309	.06559

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	142.75	.28478	.23295	12.628	.38490	.33315	6.7538	4.1993	.63569
Stddev	1.50	.00190	.00354	.016	.00072	.00697	.0265	.0500	.00211
%RSD	1.0539	.66809	1.5209	.12377	.18671	2.0932	.39260	1.1907	.33166

#1	143.81	.28613	.23545	12.639	.38439	.33808	6.7350	4.2347	.63419
#2	141.68	.28344	.23044	12.617	.38541	.32822	6.7725	4.1640	.63718

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19030	.35873	5.319	.36098	3.3493	1.5964
Stddev	.00042	.00465	.021	.00292	.1896	.0951
%RSD	.21983	1.2956	.3945	.80824	5.6614	5.9593

#1	.19000	.36202	5.304	.36304	3.2153	1.5291
#2	.19060	.35544	5.334	.35891	3.4834	1.6636

Sample Name: J5033-24MS Acquired: 10/1/2018 14:28:32 Type: Unk
Method: P4-ICP2(v2468) 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	2951.3	60895.	4415.7	99.621	3987.5
Stddev	11.6	170.	62.0	1.850	1.0
%RSD	.39238	.27842	1.4052	1.8573	.02528
#1	2943.1	60775.	4371.8	98.312	3988.2
#2	2959.5	61015.	4459.5	100.93	3986.8

Sample Name: J5033-24MSD Acquired: 10/1/2018 14:32:21 Type: Unk
Method: P4-ICP2(v2468) 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	.74848	1.8162	.89739	1.8484	.71985	1.8347	.25036	.17762	.18191
Stddev	.00596	.0067	.00774	.0080	.00348	.0381	.00036	.00406	.00114
%RSD	.79561	.37090	.86203	.43336	.48331	2.0776	.14348	2.2869	.62764
#1	.75270	1.8114	.89192	1.8541	.72231	1.8617	.25010	.18050	.18110
#2	.74427	1.8210	.90286	1.8428	.71739	1.8078	.25061	.17475	.18271
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.952	.40593	.18110	.27334	2.7636	.19051	10.825	.45965	.06372
Stddev	.067	.01040	.00175	.00063	.0366	.00491	.053	.00231	.00112
%RSD	.23886	2.5630	.96588	.23219	1.3241	2.5781	.49265	.50168	1.7650
#1	27.905	.41329	.17987	.27379	2.7895	.19398	10.787	.45802	.06451
#2	27.999	.39858	.18234	.27289	2.7377	.18704	10.862	.46128	.06292
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	142.82	.27926	.23272	12.590	.38423	.33217	6.7282	4.2093	.63551
Stddev	.54	.00672	.00365	.045	.00001	.00684	.0541	.0469	.00611
%RSD	.38110	2.4056	1.5680	.35359	.00281	2.0589	.80476	1.1152	.96169
#1	143.20	.28401	.23530	12.559	.38422	.32734	6.6899	4.2425	.63119
#2	142.43	.27451	.23014	12.622	.38423	.33701	6.7665	4.1761	.63983
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19082	.35584	5.322	.36068	3.1042	1.4332			
Stddev	.00186	.00116	.027	.00197	.1044	.0708			
%RSD	.97438	.32488	.5012	.54723	3.3616	4.9401			
#1	.19213	.35666	5.304	.36207	3.1780	1.4833			
#2	.18950	.35502	5.341	.35928	3.0304	1.3831			

Sample Name: J5033-24MSD Acquired: 10/1/2018 14:32:21 Type: Unk
Method: P4-ICP2(v2468) 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	2955.8	62242.	4427.1	99.792	3998.7
Stddev	17.4	1352.	12.7	1.837	11.1
%RSD	.58873	2.1717	.28773	1.8412	.27659
#1	2943.5	61286.	4418.1	98.492	4006.5
#2	2968.1	63198.	4436.1	101.09	3990.8

Sample Name: J5033-24A Acquired: 10/1/2018 14:36:11 Type: Unk
Method: P4-ICP2(v2468) 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	.74675	1.8062	.89271	1.8337	.71800	1.8447	.25092	.18034	.18060
Stddev	.00272	.0043	.00423	.0008	.00065	.0196	.00141	.00050	.00054
%RSD	.36385	.23747	.47359	.04266	.09033	1.0635	.56289	.27946	.29984

#1	.74482	1.8032	.88972	1.8342	.71754	1.8586	.24992	.17998	.18022
#2	.74867	1.8093	.89570	1.8331	.71845	1.8309	.25192	.18069	.18098

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.920	.41149	.17904	.27265	2.7506	.19320	10.802	.45700	.06506
Stddev	.064	.00047	.00049	.00117	.0749	.00029	.005	.00235	.00062
%RSD	.22889	.11416	.27231	.42942	2.7246	.14976	.04790	.51333	.96027

#1	27.875	.41116	.17869	.27182	2.8036	.19300	10.799	.45534	.06550
#2	27.965	.41182	.17938	.27348	2.6976	.19341	10.806	.45866	.06461

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	142.42	.28351	.22962	12.565	.38459	.33782	6.6722	4.2202	.62961
Stddev	1.12	.00108	.00511	.007	.00265	.01005	.0318	.0020	.00177
%RSD	.78962	.38161	2.2243	.05479	.68903	2.9745	.47637	.04649	.28159

#1	141.62	.28274	.23323	12.570	.38272	.34492	6.6497	4.2189	.62836
#2	143.21	.28427	.22601	12.560	.38647	.33071	6.6947	4.2216	.63087

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18746	.35255	5.275	.35992	3.0332	1.7111
Stddev	.00094	.00424	.029	.00151	.0094	.0476
%RSD	.50390	1.2032	.5487	.42076	.31081	2.7843

#1	.18813	.34955	5.255	.35885	3.0399	1.6774
#2	.18680	.35555	5.296	.36099	3.0265	1.7448

Sample Name: J5033-24A Acquired: 10/1/2018 14:36:11 Type: Unk
Method: P4-ICP2(v2468) 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	2960.2	61501.	4427.2	101.03	4026.1
Stddev	2.8	161.	21.4	2.28	3.9
%RSD	.09468	.26132	.48239	2.2560	.09781
#1	2962.2	61614.	4442.3	99.422	4028.9
#2	2958.2	61387.	4412.1	102.65	4023.3

Sample Name: PB113242BL Acquired: 10/1/2018 14:40:01 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	.00281	-.00027	.00275	-.00038	-.01415	.00209
Stddev	.00061	.00160	.00082	.00056	.00099	.00826	.00045
%RSD	63.520	56.768	308.46	20.282	260.32	58.363	21.762

#1	-.00053	.00168	.00031	.00315	-.00108	-.01999	.00177
#2	-.00140	.00394	-.00085	.00236	.00032	-.00831	.00241

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00004	.00072	-.00025	.00001	-.00016	-.00591
Stddev	.00009	.00002	.01168	.00008	.00005	.00038	.00636
%RSD	234.31	54.499	1611.8	32.316	448.69	231.45	107.59

#1	.00010	.00006	.00898	-.00020	.00004	-.00043	-.00141
#2	-.00002	.00003	-.00753	-.00031	-.00002	.00010	-.01041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01665	-.00006	-.00053	-.06669	-.00031	-.00016
Stddev	.00000	.08110	.00003	.00000	.00796	.00039	.00002
%RSD	32.094	487.13	52.226	.72582	11.931	123.77	9.4935

#1	.00001	-.07399	-.00008	-.00053	-.07231	-.00004	-.00017
#2	.00002	.04070	-.00004	-.00053	-.06106	-.00058	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01726	.00005	.01655	F -.05203	.00136	-.00167	.00110
Stddev	.02358	.00006	.01344	.00190	.00099	.00022	.00014
%RSD	136.59	102.12	81.185	3.6448	72.791	12.952	12.990

#1	-.03394	.00009	.02605	-.05337	.00066	-.00152	.00121
#2	-.00059	.00002	.00705	-.05069	.00206	-.00182	.00100

Sample Name: PB113242BL Acquired: 10/1/2018 14:40:01 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00930	-0.0016	-0.00023	F 1.3064	F .80740
Stddev	.00431	.0004	.00003	.3446	.14208
%RSD	46.388	27.13	13.690	26.375	17.598

#1	-0.00625	-0.0013	-0.00021	1.5500	.70693
#2	-0.01235	-0.0019	-0.00026	1.0628	.90786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.4	65754.	4550.7	105.26	4499.9
Stddev	12.8	178.	16.4	1.08	21.3
%RSD	.40516	.27103	.36021	1.0280	.47356

#1	3157.3	65880.	4539.1	106.02	4484.8
#2	3175.4	65628.	4562.3	104.49	4515.0

Sample Name: PB113242BS Acquired: 10/1/2018 14:44:06 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77168	2.0192	.97565	1.9273	.76997	1.9135	.20705
Stddev	.00061	.0022	.00041	.0037	.00165	.0250	.00135
%RSD	.07873	.10691	.04164	.19134	.21427	1.3055	.65326

#1	.77125	2.0177	.97593	1.9299	.77114	1.8958	.20610
#2	.77211	2.0208	.97536	1.9247	.76881	1.9311	.20801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18724	.19238	1.0619	.39647	.19426	.29955	2.9768
Stddev	.00026	.00029	.0190	.00051	.00034	.00013	.0235
%RSD	.13990	.15286	1.7860	.12857	.17347	.04378	.78939

#1	.18742	.19217	1.0484	.39684	.19402	.29965	2.9934
#2	.18705	.19259	1.0753	.39611	.19450	.29946	2.9602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20793	2.0149	.48573	.07050	3.0160	.30129	.20084
Stddev	.00010	.0637	.00094	.00044	.0026	.00111	.00018
%RSD	.05014	3.1608	.19445	.62644	.08487	.36861	.08802

#1	.20800	1.9699	.48639	.07082	3.0178	.30208	.20097
#2	.20785	2.0599	.48506	.07019	3.0142	.30051	.20072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.139	.41391	.31001	F -.05318	.91121	.66850	.20433
Stddev	.055	.00025	.01391	.00107	.00821	.00264	.00246
%RSD	.54186	.06036	4.4884	2.0033	.90095	.39468	1.2057

#1	10.178	.41373	.30017	-.05393	.90541	.67037	.20259
#2	10.100	.41408	.31985	-.05242	.91702	.66664	.20607

Sample Name: PB113242BS Acquired: 10/1/2018 14:44:06 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .38981	5.272	.19758	.94617	F 1.2285
Stddev	.00170	.001	.00043	.33717	.0655
%RSD	.43621	.0182	.21753	35.635	5.3306

#1	.39102	5.271	.19727	1.1846	1.1822
#2	.38861	5.272	.19788	.70776	1.2748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.1	64737.	4474.8	103.35	4321.6
Stddev	4.6	12.	.4	.18	7.1
%RSD	.14919	.01857	.00838	.17232	.16474

#1	3080.9	64729.	4475.1	103.23	4316.6
#2	3087.4	64746.	4474.5	103.48	4326.6

Sample Name: J5035-01 Acquired: 10/1/2018 14:47:53 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-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	-.00115	.00179	.00931	.00071	-.00011	.00523	.00174	.00009
Stddev	.00090	.00174	.00014	.00053	.00038	.00587	.00008	.00001
%RSD	78.710	97.006	1.4750	74.652	336.38	112.21	4.5557	9.5689

#1	-.00051	.00056	.00921	.00109	-.00038	.00108	.00180	.00009
#2	-.00179	.00302	.00940	.00034	.00016	.00938	.00169	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.23143	.00036	.00009	.09278	.02673	.00116	.00572
Stddev	.00010	.00018	.00070	.00037	.00066	.00029	.00001	.02172
%RSD	40.671	.07721	196.45	428.52	.70878	1.0712	.99159	379.53

#1	.00017	.23156	.00086	-.00018	.09232	.02652	.00117	.02108
#2	.00031	.23131	-.00014	.00035	.09325	.02693	.00115	-.00963

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08019	-.00007	-.00885	-.00010	.08968	.09184	.00013	.01237
Stddev	.00001	.00062	.01695	.00015	.00049	.00336	.00007	.00930
%RSD	.00751	953.31	191.50	143.36	.54561	3.6592	57.115	75.207

#1	.08019	-.00051	-.02084	-.00021	.08934	.08947	.00018	.00579
#2	.08020	.00038	.00313	.00000	.09003	.09422	.00008	.01894

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05191	.01705	-.00122	.00034	-.01115	.0024	.00004	.83806
Stddev	.00247	.01796	.00041	.00078	.00044	.0006	.00005	.51891
%RSD	4.7520	105.34	34.048	229.78	3.9242	25.47	125.11	61.918

#1	-.05365	.00435	-.00151	.00089	-.01084	.0019	.00008	.47113
#2	-.05016	.02975	-.00093	-.00021	-.01146	.0028	.00000	1.2050

Sample Name: J5035-01 Acquired: 10/1/2018 14:47:53 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .62035
Stddev .10266
%RSD 16.549

#1 .54776
#2 .69294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.9	67528.	4773.9	112.26	4761.1
Stddev	11.7	2028.	17.3	.60	8.5
%RSD	.35372	3.0028	.36201	.53062	.17831

#1	3318.2	68961.	4786.2	112.68	4767.1
#2	3301.7	66094.	4761.7	111.84	4755.1

Sample Name: J5035-01DUP Acquired: 10/1/2018 14:51:54 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DDUP 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	.00240	.00938	.00232	-.00115	.00106	.00191	.00003
Stddev	.00392	.00061	.00038	.00124	.00143	.01128	.00007	.00003
%RSD	346.03	25.530	4.0333	53.495	124.05	1060.9	3.6600	94.337

#1	.00164	.00283	.00965	.00144	-.00217	.00904	.00196	.00005
#2	-.00390	.00197	.00911	.00320	-.00014	-.00691	.00186	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.23110	.00060	-.00005	.09227	.03236	.00130	.02788
Stddev	.00000	.00558	.00012	.00014	.00060	.00870	.00023	.01234
%RSD	1.1752	2.4156	19.854	305.87	.65215	26.868	17.838	44.244

#1	.00023	.23504	.00069	-.00014	.09269	.02622	.00146	.01916
#2	.00023	.22715	.00052	.00005	.09184	.03851	.00113	.03661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07971	.00011	-.01932	-.00051	.09048	.11057	-.00008	.00601
Stddev	.00063	.00066	.00319	.00009	.00114	.02034	.00006	.00371
%RSD	.78624	617.68	16.507	18.280	1.2594	18.399	65.512	61.752

#1	.08015	.00057	-.01707	-.00057	.09129	.12495	-.00005	.00338
#2	.07927	-.00036	-.02158	-.00044	.08968	.09618	-.00012	.00863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05025	.00468	-.00150	.00231	-.01186	.0027	.00004	2.0672
Stddev	.00179	.00477	.00059	.00056	.00095	.0001	.00000	1.9195
%RSD	3.5672	101.91	39.351	24.451	8.0219	5.255	7.8058	92.853

#1	-.05152	.00131	-.00191	.00270	-.01118	.0026	.00005	3.4244
#2	-.04898	.00805	-.00108	.00191	-.01253	.0028	.00004	.70993

Sample Name: J5035-01DUP Acquired: 10/1/2018 14:51:54 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-DDUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .79991
 Stddev .29784
 %RSD 37.234

#1 .58931
 #2 1.0105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.1	62829.	4822.5	110.54	4739.1
Stddev	1.0	8350.	5.7	.85	.3
%RSD	.02990	13.289	.11744	.76522	.00703

#1	3290.8	56925.	4826.5	109.94	4739.3
#2	3289.4	68733.	4818.5	111.14	4738.8

Sample Name: CCV02 Acquired: 10/1/2018 14:55:55 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9655	5.0475	4.9491	4.9884	5.0250	9.8888	10.111	.24725
Stddev	.0184	.0072	.0087	.0060	.0063	.0085	.059	.00062
%RSD	.36987	.14314	.17636	.12098	.12434	.08625	.58241	.24992

#1	4.9785	5.0526	4.9553	4.9927	5.0206	9.8828	10.153	.24768
#2	4.9525	5.0424	4.9429	4.9841	5.0295	9.8949	10.070	.24681

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4800	25.096	.98476	2.4720	1.2390	5.0720	2.5165	25.022
Stddev	.0026	.078	.00034	.0009	.0030	.0062	.0063	.038
%RSD	.10510	.31155	.03431	.03716	.24563	.12306	.25252	.15189

#1	2.4818	25.151	.98452	2.4727	1.2368	5.0764	2.5209	24.996
#2	2.4782	25.041	.98500	2.4714	1.2411	5.0676	2.5120	25.049

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4726	1.2368	25.010	2.4860	2.5609	25.068	5.0510	5.0417
Stddev	.0029	.0022	.123	.0066	.0141	.126	.0017	.0222
%RSD	.11808	.17651	.49145	.26680	.54993	.50100	.03260	.44051

#1	2.4747	1.2383	25.097	2.4907	2.5709	25.157	5.0499	5.0574
#2	2.4705	1.2352	24.923	2.4813	2.5510	24.980	5.0522	5.0259

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8312	4.8973	4.9470	4.9834	F 5.7895	4.971	4.9890	F 3.5281
Stddev	.0019	.0264	.0052	.0039	.0320	.007	.0278	.1172
%RSD	.04018	.53907	.10477	.07737	.55201	.1462	.55669	3.3214

#1	4.8299	4.9160	4.9507	4.9807	5.8121	4.976	5.0087	3.6110
#2	4.8326	4.8787	4.9434	4.9861	5.7669	4.966	4.9694	3.4453

Sample Name: CCV02 Acquired: 10/1/2018 14:55:55 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7840
Stddev .3887
%RSD 13.962

#1 2.5092
#2 3.0589

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.0	61914.	4413.2	95.859	3946.6
Stddev	1.0	189.	35.1	.525	9.1
%RSD	.03462	.30497	.79501	.54811	.22985

#1	2988.3	61781.	4388.4	95.488	3940.2
#2	2989.7	62048.	4438.0	96.231	3953.0

Sample Name: CCB02 Acquired: 10/1/2018 14:59:38 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	.00198	-.00002	.00015	.00005	-.01141	.00203
Stddev	.00007	.00016	.00101	.00045	.00009	.00403	.00031
%RSD	4.3130	7.8218	4052.6	302.02	191.04	35.283	15.372

#1	.00164	.00209	-.00074	-.00017	-.00002	-.01426	.00225
#2	.00154	.00187	.00069	.00047	.00011	-.00856	.00181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	.00828	-.00035	.00003	.00005	-.01521
Stddev	.00003	.00002	.02251	.00069	.00006	.00059	.00871
%RSD	76.226	44.376	271.66	196.52	194.09	1162.9	57.265

#1	.00005	.00005	.02420	.00014	-.00001	.00047	-.00905
#2	.00002	.00002	-.00763	-.00084	.00007	-.00037	-.02137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.02524	.00032	.00015	-.10221	.00008	-.00011
Stddev	.00001	.03489	.00042	.00041	.01221	.00058	.00010
%RSD	11.959	138.23	131.96	283.28	11.944	714.96	92.218

#1	.00013	-.04991	.00062	-.00015	-.11084	.00049	-.00004
#2	.00011	-.00057	.00002	.00044	-.09358	-.00033	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00958	.00050	.00588	F -.05239	-.00168	-.00128	.00121
Stddev	.04012	.00020	.00247	.00068	.00182	.00066	.00299
%RSD	418.79	40.748	42.054	1.3016	108.05	51.793	247.46

#1	-.03795	.00064	.00413	-.05190	-.00040	-.00081	-.00091
#2	.01879	.00035	.00763	-.05287	-.00297	-.00175	.00333

Sample Name: CCB02 Acquired: 10/1/2018 14:59:38 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00826	-.0013	-.00020	F 1.3427	F .82740
Stddev	.00111	.0001	.00009	.2230	.08884
%RSD	13.422	6.478	43.554	16.607	10.738

#1	-.00905	-.0014	-.00027	1.1850	.76458
#2	-.00748	-.0013	-.00014	1.5004	.89022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3202.5	65213.	4472.4	100.79	4560.1
Stddev	64.1	96.	38.1	1.29	112.4
%RSD	2.0008	.14655	.85269	1.2750	2.4641

#1	3247.8	65281.	4499.3	101.70	4639.5
#2	3157.2	65146.	4445.4	99.885	4480.6

Sample Name: J5035-01LX5 Acquired: 10/1/2018 15:03:41 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00068	.00186	.00127	-.00056	-.00079	.00246	.00011
Stddev	.00056	.00114	.00056	.00318	.00062	.00516	.00025	.00004
%RSD	311.52	167.57	29.962	249.95	112.20	648.94	10.240	37.277

#1	-.00021	-.00013	.00147	.00352	-.00011	-.00444	.00263	.00013
#2	.00057	.00148	.00226	-.00098	-.00100	.00285	.00228	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.04140	.00597	.00024	.01960	.03335	.00103	-.02498
Stddev	.00001	.01072	.00017	.00023	.00001	.00057	.00001	.05896
%RSD	42.538	25.894	2.8700	95.861	.05046	1.7038	.52301	236.01

#1	.00002	.03382	.00609	.00008	.01960	.03295	.00103	.01671
#2	.00001	.04898	.00585	.00040	.01959	.03376	.00104	-.06667

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02106	-.00068	-.07131	.00013	.01934	-.00685	.00072	.01517
Stddev	.00006	.00029	.01304	.00004	.00039	.00870	.00026	.00511
%RSD	.27751	42.226	18.282	26.783	2.0316	127.05	36.282	33.680

#1	.02102	-.00088	-.06209	.00016	.01962	-.01300	.00054	.01878
#2	.02110	-.00048	-.08053	.00011	.01907	-.00070	.00090	.01156

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05014	.00052	-.00169	.00285	-.00531	-.0004	-.00027	1.4078
Stddev	.00250	.00432	.00124	.00068	.00102	.0003	.00004	.1966
%RSD	4.9900	830.35	73.012	24.011	19.299	84.84	14.151	13.968

#1	-.04837	.00358	-.00082	.00333	-.00603	-.0006	-.00024	1.2688
#2	-.05191	-.00254	-.00257	.00236	-.00458	-.0002	-.00029	1.5469

Sample Name: J5035-01LX5 Acquired: 10/1/2018 15:03:41 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.58113
Stddev	.37040
%RSD	63.737

#1	.84304
#2	.31922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.0	65539.	4532.3	103.59	4515.9
Stddev	4.3	168.	113.7	1.35	15.5
%RSD	.13419	.25613	2.5094	1.3000	.34226

#1	3172.0	65420.	4451.9	102.64	4505.0
#2	3178.0	65657.	4612.7	104.55	4526.8

Sample Name: PB113377BL Acquired: 10/1/2018 15:19:11 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113377BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00173	.00034	.00121	-.00183	-.01660	.00216
Stddev	.00013	.00034	.00022	.00212	.00078	.01618	.00132
%RSD	37.900	19.519	65.178	175.20	42.812	97.462	60.996

#1	-.00025	.00197	.00049	-.00029	-.00238	-.00516	.00309
#2	-.00044	.00149	.00018	.00271	-.00127	-.02805	.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00009	-.01436	.00033	-.00015	-.00025	-.00634
Stddev	.00005	.00003	.00550	.00025	.00012	.00032	.00791
%RSD	190.29	38.510	38.286	76.946	80.398	128.83	124.69

#1	.00007	.00006	-.01825	.00051	-.00006	-.00047	-.00075
#2	-.00001	.00011	-.01048	.00015	-.00023	-.00002	-.01193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01156	.00009	-.00010	-.09008	-.00071	-.00001
Stddev	.00007	.05419	.00002	.00051	.00482	.00069	.00006
%RSD	81.311	468.84	27.244	486.64	5.3460	98.283	983.44

#1	.00003	-.02676	.00011	-.00046	-.08667	-.00022	.00004
#2	.00013	.04988	.00007	.00026	-.09348	-.00120	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03111	.00022	.00839	F -.05122	-.00172	-.00136	.00028
Stddev	.03496	.00007	.00594	.00192	.00082	.00010	.00183
%RSD	112.37	32.717	70.763	3.7478	47.597	7.1777	649.13

#1	-.05583	.00017	.01259	-.05258	-.00229	-.00143	-.00101
#2	-.00639	.00027	.00419	-.04987	-.00114	-.00129	.00158

Sample Name: PB113377BL Acquired: 10/1/2018 15:19:11 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113377BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00494	.0010	-.00028	F 1.7256	F .63126
Stddev	.00177	.0002	.00003	.1045	.41613
%RSD	35.760	23.27	10.121	6.0537	65.920

#1	-.00369	.0008	-.00026	1.7994	.33701
#2	-.00618	.0011	-.00030	1.6517	.92551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.6	65152.	4386.3	99.507	4479.9
Stddev	12.1	23.	302.8	6.880	4.0
%RSD	.38414	.03573	6.9037	6.9139	.08990

#1	3136.0	65136.	4172.2	94.642	4477.1
#2	3153.1	65169.	4600.5	104.37	4482.7

Sample Name: J5035-01MS Acquired: 10/1/2018 15:27:20 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69030	1.8235	.87668	1.7588	.70350	1.7212	.18031	.17385
Stddev	.00912	.0189	.01119	.0201	.00913	.0123	.00039	.00022
%RSD	1.3208	1.0343	1.2762	1.1404	1.2977	.71504	.21487	.12568

#1	.69675	1.8369	.88459	1.7730	.70995	1.7125	.18004	.17369
#2	.68386	1.8102	.86877	1.7446	.69704	1.7299	.18059	.17400

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17050	1.1218	.35330	.16952	.36159	2.6311	.18539	1.8833
Stddev	.00170	.0070	.00018	.00206	.00499	.0618	.00045	.0324
%RSD	.99957	.62293	.05034	1.2154	1.3806	2.3502	.24529	1.7213

#1	.17171	1.1168	.35317	.17098	.36512	2.6748	.18571	1.8604
#2	.16930	1.1267	.35342	.16806	.35806	2.5874	.18507	1.9062

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50259	.06391	2.7186	.26268	.26344	8.9646	.36561	.27036
Stddev	.00566	.00001	.0040	.00017	.00849	.0116	.00519	.00583
%RSD	1.1263	.01759	.14574	.06491	3.2240	.12896	1.4185	2.1555

#1	.50659	.06390	2.7158	.26255	.26945	8.9565	.36927	.26624
#2	.49858	.06392	2.7214	.26280	.25743	8.9728	.36194	.27449

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05083	.83811	.59962	.18199	.33338	4.705	.17302	.84816
Stddev	.00250	.00012	.00286	.00376	.00114	.062	.00073	.42469
%RSD	4.9235	.01379	.47726	2.0679	.34274	1.324	.42420	50.072

#1	-.05260	.83803	.60164	.18465	.33419	4.749	.17251	1.1485
#2	-.04906	.83819	.59760	.17933	.33257	4.661	.17354	.54786

Sample Name: J5035-01MS Acquired: 10/1/2018 15:27:20 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DMS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0539
Stddev .3789
%RSD 35.955

#1 .78596
#2 1.3218

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.7	67529.	4738.8	110.62	4613.5
Stddev	24.7	37.	14.7	3.13	33.7
%RSD	.76057	.05480	.31091	2.8294	.72991

#1	3229.3	67503.	4728.4	108.41	4589.7
#2	3264.2	67555.	4749.3	112.84	4637.3

Sample Name: J5035-01MSD Acquired: 10/1/2018 15:31:08 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70297	1.8619	.88962	1.7927	.72744	1.7466	.18281	.17515
Stddev	.00069	.0086	.00543	.0031	.00177	.0249	.00047	.00006
%RSD	.09884	.46363	.61085	.17001	.24271	1.4267	.25751	.03605

#1	.70346	1.8681	.89346	1.7905	.72619	1.7290	.18248	.17510
#2	.70248	1.8558	.88578	1.7949	.72869	1.7642	.18314	.17519

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17408	1.1339	.35440	.17275	.36679	2.6694	.18760	1.8321
Stddev	.00046	.0128	.00021	.00124	.00152	.0144	.00014	.0193
%RSD	.26531	1.1309	.05840	.71750	.41424	.54102	.07346	1.0533

#1	.17441	1.1429	.35425	.17363	.36787	2.6796	.18751	1.8185
#2	.17376	1.1248	.35454	.17187	.36572	2.6591	.18770	1.8457

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51035	.06410	2.7504	.26693	.26719	9.1302	.37603	.27202
Stddev	.00214	.00006	.0066	.00214	.00481	.0040	.00044	.01238
%RSD	.41894	.09903	.23988	.80105	1.8007	.04432	.11824	4.5523

#1	.51186	.06406	2.7458	.26542	.27060	9.1273	.37635	.26327
#2	.50884	.06415	2.7551	.26845	.26379	9.1330	.37572	.28078

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05075	.85014	.61785	.18290	.33621	4.782	.17570	.48043
Stddev	.00080	.02145	.00211	.00027	.00056	.005	.00114	.23623
%RSD	1.5666	2.5228	.34176	.14811	.16527	.1107	.64868	49.170

#1	-.05019	.86531	.61934	.18309	.33660	4.785	.17489	.31339
#2	-.05131	.83498	.61636	.18271	.33582	4.778	.17650	.64746

Sample Name: J5035-01MSD Acquired: 10/1/2018 15:31:08 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-DMSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.86885
Stddev	.33838
%RSD	38.945

#1	.62958
#2	1.1081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.0	67616.	4724.0	109.83	4584.7
Stddev	5.6	492.	51.9	1.92	16.0
%RSD	.17444	.72755	1.0996	1.7484	.34961

#1	3226.0	67963.	4687.3	108.47	4573.4
#2	3233.9	67268.	4760.7	111.19	4596.1

Sample Name: J5035-01A Acquired: 10/1/2018 15:34:55 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7509 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71407	1.8526	.89640	1.8129	.73626	1.7685	.18394	.17637
Stddev	.01008	.0256	.00790	.0333	.01155	.0225	.00076	.00083
%RSD	1.4111	1.3847	.88179	1.8394	1.5694	1.2720	.41272	.47105

#1	.72119	1.8708	.90199	1.8365	.74443	1.7844	.18341	.17695
#2	.70694	1.8345	.89081	1.7893	.72809	1.7526	.18448	.17578

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17429	1.1314	.35371	.17371	.36968	2.6417	.18799	1.8365
Stddev	.00207	.0132	.00069	.00223	.00453	.0339	.00071	.0744
%RSD	1.1882	1.1692	.19401	1.2809	1.2250	1.2817	.37707	4.0507

#1	.17576	1.1221	.35323	.17528	.37288	2.6178	.18849	1.7839
#2	.17283	1.1408	.35420	.17214	.36647	2.6657	.18749	1.8891

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51394	.06518	2.7751	.26812	.26694	9.1981	.37889	.27368
Stddev	.00556	.00020	.0084	.00054	.00316	.0283	.00605	.00924
%RSD	1.0816	.30871	.30191	.20192	1.1827	.30747	1.5978	3.3769

#1	.51787	.06532	2.7692	.26851	.26470	9.1781	.38317	.28021
#2	.51001	.06503	2.7810	.26774	.26917	9.2181	.37461	.26714

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05111	.85465	.62074	.18607	.33920	4.842	.17639	.61095
Stddev	.00391	.01515	.00597	.00381	.00060	.040	.00028	.23851
%RSD	7.6535	1.7722	.96223	2.0465	.17552	.8155	.16130	39.040

#1	-.04834	.84394	.62496	.18877	.33878	4.870	.17619	.77961
#2	-.05388	.86536	.61651	.18338	.33962	4.814	.17660	.44230

Sample Name: J5035-01A Acquired: 10/1/2018 15:34:55 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7509 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4156
Stddev	.1545
%RSD	10.914

#1	1.5248
#2	1.3063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.5	67482.	4747.1	110.32	4568.7
Stddev	22.2	492.	12.7	1.73	19.5
%RSD	.68911	.72833	.26789	1.5660	.42638

#1	3204.8	67135.	4756.1	111.54	4554.9
#2	3236.2	67830.	4738.1	109.10	4582.4

Sample Name: PB113377BS Acquired: 10/1/2018 15:38:43 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113377BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76874	2.0307	.97453	1.9327	.77137	1.8996	.20575
Stddev	.00152	.0004	.00331	.0071	.00149	.0148	.00101
%RSD	.19835	.01729	.33949	.36652	.19374	.77813	.49151

#1	.76982	2.0305	.97687	1.9276	.77243	1.8891	.20647
#2	.76766	2.0310	.97220	1.9377	.77032	1.9100	.20504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18768	.19232	1.0581	.39629	.19403	.29955	2.9493
Stddev	.00013	.00063	.0068	.00267	.00107	.00086	.0937
%RSD	.06693	.32776	.64371	.67429	.54937	.28821	3.1776

#1	.18759	.19277	1.0630	.39440	.19478	.30016	2.8830
#2	.18777	.19188	1.0533	.39818	.19327	.29894	3.0155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20664	1.9990	.48492	.06965	3.0183	.30073	.19984
Stddev	.00009	.0318	.00274	.00016	.0021	.00182	.00535
%RSD	.04284	1.5900	.56411	.23092	.06785	.60629	2.6762

#1	.20670	1.9765	.48685	.06977	3.0198	.29944	.19606
#2	.20658	2.0215	.48298	.06954	3.0169	.30202	.20362

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.012	.41329	.30516	F -.05400	.89455	.66753	.20386
Stddev	.000	.00243	.01659	.00165	.00236	.00246	.00148
%RSD	.00399	.58841	5.4364	3.0545	.26326	.36857	.72813

#1	10.012	.41501	.29343	-.05517	.89288	.66927	.20281
#2	10.012	.41157	.31689	-.05283	.89621	.66579	.20491

Sample Name: PB113377BS Acquired: 10/1/2018 15:38:43 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113377BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .38741	5.310	.19820	F 1.0758	.75951
Stddev	.00625	.001	.00083	.5386	.50945
%RSD	1.6143	.0237	.42024	50.065	67.076

#1	.39183	5.311	.19878	.69497	1.1197
#2	.38298	5.309	.19761	1.4567	.39927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.5	64781.	4519.0	103.74	4319.6
Stddev	2.5	36.	15.8	2.95	3.2
%RSD	.08118	.05528	.34900	2.8398	.07523

#1	3082.3	64756.	4507.8	105.83	4321.9
#2	3078.7	64806.	4530.1	101.66	4317.3

Sample Name: J4780-03 Acquired: 10/1/2018 15:42:31 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07327	-.01187	.33336	-.03556	.00428	163.25	.67673
Stddev	.00071	.00406	.00017	.00065	.00026	.17	.00105
%RSD	.96517	34.159	.05149	1.8250	6.0049	.10406	.15503

#1	.07277	-.00900	.33324	-.03510	.00446	163.13	.67747
#2	.07377	-.01474	.33348	-.03602	.00410	163.37	.67599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00986	-.00305	200.34	.20595	.14713	.48945	341.80
Stddev	.00011	.00021	.82	.00031	.00156	.00207	6.25
%RSD	1.1007	6.7586	.40882	.14985	1.0594	.42302	1.8276

#1	.00994	-.00319	200.92	.20616	.14603	.48798	337.38
#2	.00979	-.00290	199.76	.20573	.14823	.49091	346.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7889	45.221	.21724	.00545	4.7492	.46444	.80540
Stddev	.0066	.257	.00145	.00063	.0122	.00156	.01441
%RSD	.13686	.56738	.66742	11.579	.25647	.33677	1.7898

#1	4.7935	45.402	.21621	.00501	4.7578	.46555	.79521
#2	4.7842	45.039	.21826	.00590	4.7406	.46334	.81559

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8671	.00140	6.8933	3.5858	3.7885	.02059	2.1171
Stddev	.0073	.00005	.0219	.0488	.0134	.00102	.0299
%RSD	.07358	3.5131	.31802	1.3620	.35471	4.9764	1.4130

#1	9.8722	.00144	6.9088	3.5513	3.7980	.01987	2.1382
#2	9.8620	.00137	6.8778	3.6204	3.7790	.02132	2.0959

Sample Name: J4780-03 Acquired: 10/1/2018 15:42:31 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35621	6.991	.27584	F<.00000	39.794
Stddev	.00119	.072	.00161	.25988	.251
%RSD	.33518	1.035	.58442	1.2082	.62963

#1	.35706	6.940	.27698	-21.693	39.617
#2	.35537	7.043	.27470	-21.326	39.971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.1	71637.	5516.2	101.37	3749.6
Stddev	32.7	104.	23.4	1.73	42.4
%RSD	.95484	.14507	.42409	1.7066	1.1318

#1	3443.2	71564.	5499.7	102.59	3779.6
#2	3397.0	71711.	5532.8	100.15	3719.6

Sample Name: J4780-03DUP Acquired: 10/1/2018 15:46:33 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07033	-.01384	.34321	-.03778	.00419	161.33	.68232
Stddev	.00138	.00084	.00249	.00133	.00215	.06	.00342
%RSD	1.9674	6.0979	.72584	3.5199	51.271	.03529	.50097

#1	.06936	-.01324	.34145	-.03872	.00267	161.29	.67990
#2	.07131	-.01443	.34498	-.03684	.00571	161.37	.68474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00964	-.00209	185.24	.21000	.14882	.48777	336.01
Stddev	.00019	.00064	.57	.00149	.00041	.00136	1.05
%RSD	1.9475	30.718	.30781	.70774	.27349	.27828	.31166

#1	.00977	-.00255	184.83	.21105	.14911	.48681	336.75
#2	.00951	-.00164	185.64	.20895	.14853	.48873	335.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7196	45.846	.22094	.00516	4.8749	.46345	.80762
Stddev	.0037	.100	.00012	.00015	.0099	.00231	.00072
%RSD	.07820	.21898	.05381	2.9611	.20247	.49845	.08972

#1	4.7170	45.775	.22103	.00527	4.8679	.46182	.80711
#2	4.7222	45.917	.22086	.00505	4.8819	.46509	.80813

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.018	.00126	6.1493	3.6294	3.6588	.02099	2.0960
Stddev	.047	.00033	.0016	.0115	.0153	.00075	.0059
%RSD	.46806	26.128	.02587	.31588	.41673	3.5713	.28015

#1	9.9853	.00103	6.1504	3.6375	3.6481	.02152	2.1002
#2	10.052	.00149	6.1481	3.6213	3.6696	.02046	2.0919

Sample Name: J4780-03DUP Acquired: 10/1/2018 15:46:33 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36349	7.115	.28086	F<.00000	39.152
Stddev	.00406	.029	.00222	.16641	.243
%RSD	1.1183	.4025	.78974	.77361	.62043

#1	.36636	7.136	.27929	-21.393	39.324
#2	.36062	7.095	.28243	-21.628	38.980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.7	71322.	5453.9	101.97	3710.0
Stddev	5.2	197.	29.1	.20	6.7
%RSD	.15119	.27593	.53397	.19406	.17935

#1	3404.0	71461.	5474.4	101.83	3705.3
#2	3411.3	71183.	5433.3	102.11	3714.7

Sample Name: J4780-03LX5 Acquired: 10/1/2018 15:50:35 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01743	-.00120	.06681	-.00623	.00034	34.700	.15231
Stddev	.00070	.00133	.00063	.00160	.00202	.138	.00013
%RSD	4.0443	111.11	.94874	25.706	600.89	.39690	.08509

#1	.01693	-.00214	.06637	-.00737	.00176	34.603	.15240
#2	.01793	-.00026	.06726	-.00510	-.00109	34.797	.15222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00120	47.569	.05358	.02844	.12250	67.145
Stddev	.00004	.00000	.083	.00043	.00032	.00071	.025
%RSD	2.2769	.02213	.17494	.80399	1.1372	.57810	.03667

#1	.00181	-.00120	47.510	.05328	.02867	.12300	67.127
#2	.00187	-.00120	47.628	.05388	.02822	.12200	67.162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1103	10.513	.04201	-.00024	.96630	.10369	.16108
Stddev	.0012	.084	.00006	.00018	.00612	.00145	.00101
%RSD	.10750	.79833	.14934	74.876	.63368	1.4008	.62638

#1	1.1095	10.572	.04196	-.00011	.96197	.10266	.16037
#2	1.1112	10.453	.04205	-.00037	.97063	.10471	.16180

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1484	.00103	1.6446	.60934	.92644	.00337	.48411
Stddev	.0055	.00017	.0045	.00482	.02688	.00046	.00736
%RSD	.25475	17.011	.27057	.79129	2.9019	13.533	1.5201

#1	2.1523	.00090	1.6415	.60594	.94545	.00369	.48932
#2	2.1446	.00115	1.6478	.61275	.90743	.00305	.47891

Sample Name: J4780-03LX5 Acquired: 10/1/2018 15:50:35 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07477	1.306	.06195	F<.00000	17.580
Stddev	.00211	.002	.00001	.00715	.475
%RSD	2.8196	.1234	.02207	.33889	2.7017

#1	.07327	1.307	.06194	-2.1059	17.244
#2	.07626	1.304	.06196	-2.1160	17.916

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.8	65925.	4787.0	104.53	4148.3
Stddev	4.0	82.	9.0	.51	.6
%RSD	.12609	.12434	.18891	.48972	.01509

#1	3144.0	65983.	4793.4	104.89	4147.9
#2	3149.6	65867.	4780.6	104.17	4148.8

Sample Name: J4780-03MS Acquired: 10/1/2018 15:54:33 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78411	2.0818	1.3615	1.7414	.70895	156.88	.84255
Stddev	.00140	.0026	.0034	.0045	.00064	6.46	.00289
%RSD	.17887	.12262	.25160	.25996	.09043	4.1189	.34292

#1	.78312	2.0800	1.3591	1.7382	.70850	152.31	.84050
#2	.78510	2.0836	1.3639	1.7446	.70941	161.45	.84459

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18068	.20466	198.93	.52364	.35355	.73797	342.60
Stddev	.01047	.00095	.85	.02937	.00133	.00602	3.82
%RSD	5.7973	.46221	.42753	5.6084	.37634	.81557	1.1156

#1	.17327	.20399	198.33	.50288	.35261	.73372	345.30
#2	.18808	.20533	199.53	.54441	.35449	.74223	339.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7539	46.295	.72734	.07140	7.3722	.68715	.99514
Stddev	.2077	.348	.00092	.00138	.0577	.04193	.01014
%RSD	4.3690	.75149	.12717	1.9264	.78206	6.1015	1.0189

#1	4.6070	46.049	.72799	.07043	7.3315	.65751	1.0023
#2	4.9008	46.541	.72669	.07237	7.4130	.71680	.98797

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.548	.35628	7.1285	3.5648	4.5388	.74036	2.2756
Stddev	.074	.00140	.0548	.0152	.1404	.00016	.0082
%RSD	.39953	.39194	.76920	.42492	3.0943	.02149	.35962

#1	18.495	.35529	7.0897	3.5541	4.4395	.74025	2.2814
#2	18.600	.35727	7.1672	3.5755	4.6381	.74047	2.2698

Sample Name: J4780-03MS Acquired: 10/1/2018 15:54:33 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.69505	13.03	.44152	F<.00000	39.499
Stddev	.00217	.03	.00084	.10871	.705
%RSD	.31268	.2367	.18923	.50152	1.7850

#1	.69659	13.05	.44093	-21.599	39.001
#2	.69352	13.01	.44211	-21.752	39.998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.6	73314.	5441.2	99.192	3674.8
Stddev	.4	2992.	23.2	1.041	6.3
%RSD	.01056	4.0808	.42695	1.0495	.17138

#1	3375.8	75429.	5457.7	98.456	3670.4
#2	3375.3	71198.	5424.8	99.928	3679.3

Sample Name: CCV03 Acquired: 10/1/2018 15:58:29 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13923 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9729	5.0834	4.9619	5.0054	5.0406	9.7179	9.8817	.24103
Stddev	.0718	.0980	.0963	.0871	.0768	.2325	.0006	.00553
%RSD	1.4443	1.9282	1.9416	1.7396	1.5238	2.3922	.00572	2.2957
#1	4.9221	5.0141	4.8937	4.9439	4.9863	9.8822	9.8813	.24494
#2	5.0237	5.1527	5.0300	5.0670	5.0949	9.5535	9.8821	.23712
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4876	24.821	.96272	2.4789	1.2443	4.9815	2.4415	24.646
Stddev	.0458	.046	.02708	.0429	.0184	.0518	.0630	.002
%RSD	1.8417	.18658	2.8132	1.7318	1.4768	1.0399	2.5816	.00928
#1	2.4552	24.788	.98187	2.4486	1.2314	5.0181	2.4860	24.645
#2	2.5200	24.854	.94357	2.5093	1.2573	4.9448	2.3969	24.648
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4761	1.2076	24.670	2.4201	2.4819	24.543	5.0831	4.9362
Stddev	.0424	.0322	.025	.0616	.0202	.075	.0792	.0221
%RSD	1.7113	2.6640	.10143	2.5469	.81174	.30393	1.5586	.44669
#1	2.4462	1.2303	24.653	2.4637	2.4961	24.490	5.0271	4.9206
#2	2.5061	1.1848	24.688	2.3765	2.4677	24.596	5.1391	4.9518
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8155	4.7393	4.9458	4.9407	F 5.9739	5.008	4.9241	F 2.8645
Stddev	.0916	.0061	.0937	.0016	.0027	.102	.0132	.4134
%RSD	1.9025	.12936	1.8942	.03164	.04580	2.043	.26748	14.432
#1	4.7508	4.7350	4.8795	4.9418	5.9719	4.936	4.9148	3.1569
#2	4.8803	4.7437	5.0120	4.9396	5.9758	5.080	4.9334	2.5722

Sample Name: CCV03 Acquired: 10/1/2018 15:58:29 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13923 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.3428
 Stddev .1049
 %RSD 4.4793

#1 2.2686
 #2 2.4170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.1	63509.	4543.6	98.501	3926.3
Stddev	32.8	1676.	3.6	1.066	56.8
%RSD	1.1075	2.6384	.07876	1.0824	1.4464

#1	2988.3	62324.	4546.1	97.747	3966.4
#2	2941.9	64694.	4541.1	99.255	3886.1

Sample Name: CCB03 Acquired: 10/1/2018 16:02:12 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13923 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	.00207	.00004	.00265	-.00078	-.01606	.00103
Stddev	.00111	.00018	.00090	.00241	.00139	.00346	.00008
%RSD	268.05	8.5421	2169.6	90.738	178.14	21.549	7.9164

#1	.00037	.00194	.00068	.00435	.00020	-.01851	.00098
#2	-.00120	.00219	-.00060	.00095	-.00177	-.01362	.00109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	-.00194	-.00050	-.00009	.00012	.00003
Stddev	.00003	.00000	.01402	.00004	.00010	.00024	.00507
%RSD	69.247	8.8619	721.50	8.8140	114.78	207.14	15814.

#1	.00007	.00002	.00797	-.00047	-.00016	-.00005	.00362
#2	.00002	.00002	-.01186	-.00053	-.00002	.00028	-.00356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.01909	.00040	-.00017	-.10698	-.00023	-.00012
Stddev	.00000	.02633	.00032	.00005	.00585	.00012	.00005
%RSD	.28646	137.97	80.286	28.849	5.4713	52.217	41.994

#1	.00018	-.00047	.00017	-.00020	-.11112	-.00014	-.00016
#2	.00018	-.03771	.00063	-.00013	-.10285	-.00031	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01711	.00025	.01138	F -.05190	-.00093	-.00092	.00175
Stddev	.01997	.00017	.00056	.00057	.00010	.00041	.00082
%RSD	116.74	68.053	4.9484	1.1070	10.403	44.525	46.604

#1	-.00298	.00037	.01178	-.05149	-.00100	-.00121	.00117
#2	-.03123	.00013	.01099	-.05230	-.00086	-.00063	.00233

Sample Name: CCB03 Acquired: 10/1/2018 16:02:12 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13923 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00217	-0.0017	-0.00021	F 1.7480	F .42333
Stddev	.00115	.0008	.00002	.7292	.30821
%RSD	52.927	46.80	10.299	41.718	72.807

#1	-0.00298	-0.0022	-0.00020	2.2637	.64127
#2	-0.00136	-0.0011	-0.00023	1.2324	.20539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.8	65451.	4572.0	106.28	4551.9
Stddev	62.3	121.	33.5	.18	87.5
%RSD	1.9526	.18484	.73301	.17086	1.9234

#1	3148.8	65365.	4595.7	106.41	4490.0
#2	3236.9	65537.	4548.3	106.16	4613.8

Sample Name: J4780-03MSD Acquired: 10/1/2018 16:06:16 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78552	2.0851	1.3606	1.7418	.71194	162.45	.84432
Stddev	.00021	.0069	.0059	.0012	.00044	.52	.00010
%RSD	.02646	.33169	.43320	.06702	.06184	.31941	.01185

#1	.78566	2.0802	1.3565	1.7410	.71162	162.82	.84425
#2	.78537	2.0900	1.3648	1.7426	.71225	162.09	.84439

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18995	.20528	200.24	.54536	.35241	.74331	337.00
Stddev	.00068	.00117	.07	.00015	.00049	.00517	6.94
%RSD	.35674	.56757	.03633	.02822	.13873	.69505	2.0590

#1	.18947	.20446	200.19	.54547	.35207	.73966	341.91
#2	.19043	.20610	200.30	.54525	.35276	.74696	332.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9234	46.542	.72546	.07117	7.3683	.71865	.98286
Stddev	.0137	.267	.00010	.00089	.0306	.00249	.01624
%RSD	.27854	.57264	.01408	1.2539	.41485	.34664	1.6525

#1	4.9137	46.354	.72539	.07180	7.3467	.71689	.99434
#2	4.9331	46.731	.72553	.07054	7.3900	.72041	.97137

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.644	.35754	7.1038	3.5597	4.5976	.73687	2.2673
Stddev	.042	.00124	.0293	.0039	.0049	.00243	.0085
%RSD	.22769	.34581	.41233	.10958	.10744	.33011	.37395

#1	18.614	.35842	7.1246	3.5569	4.5941	.73859	2.2613
#2	18.674	.35667	7.0831	3.5624	4.6011	.73515	2.2733

Sample Name: J4780-03MSD Acquired: 10/1/2018 16:06:16 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.69806	13.06	.44286	F<.00000	38.613
Stddev	.00341	.00	.00059	.39927	.183
%RSD	.48797	.0368	.13291	1.9577	.47306

#1	.69565	13.06	.44244	-20.677	38.484
#2	.70047	13.07	.44327	-20.112	38.742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.4	70760.	5404.1	100.65	3682.8
Stddev	8.0	154.	29.8	1.72	.7
%RSD	.23810	.21725	.55191	1.7048	.01857

#1	3367.7	70651.	5425.2	99.438	3683.3
#2	3379.1	70869.	5383.0	101.86	3682.3

Sample Name: J4780-03A Acquired: 10/1/2018 16:10:13 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7515 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78892	2.0764	1.3629	1.7575	.71279	163.89	.84790
Stddev	.00050	.0092	.0012	.0014	.00454	.46	.00356
%RSD	.06330	.44064	.08424	.08187	.63685	.28223	.42012

#1	.78857	2.0700	1.3637	1.7565	.70958	164.21	.85041
#2	.78927	2.0829	1.3621	1.7585	.71600	163.56	.84538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18995	.20509	199.69	.54511	.35219	.74301	338.36
Stddev	.00109	.00002	1.20	.00015	.00052	.00520	1.81
%RSD	.57526	.00964	.60233	.02784	.14682	.70051	.53451

#1	.18917	.20507	200.54	.54500	.35182	.73933	339.63
#2	.19072	.20510	198.84	.54521	.35256	.74669	337.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9120	46.204	.72786	.07058	7.3659	.71903	.98891
Stddev	.0235	.064	.00239	.00015	.0139	.00110	.00988
%RSD	.47845	.13796	.32806	.20599	.18817	.15261	.99893

#1	4.9286	46.159	.72617	.07069	7.3757	.71981	.99589
#2	4.8953	46.249	.72954	.07048	7.3561	.71825	.98192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.705	.35645	7.0709	3.5861	4.5222	.73422	2.2710
Stddev	.058	.00121	.0015	.0039	.0066	.00036	.0096
%RSD	.31243	.33813	.02197	.10732	.14689	.04962	.42154

#1	18.746	.35560	7.0698	3.5833	4.5269	.73397	2.2778
#2	18.664	.35730	7.0720	3.5888	4.5175	.73448	2.2642

Sample Name: J4780-03A Acquired: 10/1/2018 16:10:13 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7515 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.70051	13.04	.44159	F<.00000	39.186
Stddev	.00141	.03	.00193	.02176	.192
%RSD	.20180	.2430	.43792	.10911	.49045

#1	.70151	13.06	.44296	-19.958	39.050
#2	.69951	13.02	.44022	-19.927	39.322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.7	70662.	5432.1	100.28	3696.1
Stddev	3.2	328.	46.2	.91	2.5
%RSD	.09439	.46435	.85066	.91076	.06787

#1	3382.0	70430.	5399.4	99.633	3694.3
#2	3377.5	70894.	5464.8	100.92	3697.9

Sample Name: J5145-01 Acquired: 10/1/2018 16:14:10 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03879	-.00082	.03575	-.01097	.00016	41.289	.08410
Stddev	.00121	.00119	.00050	.00388	.00156	.015	.00010
%RSD	3.1153	145.48	1.3878	35.340	989.71	.03644	.11921

#1	.03794	-.00166	.03540	-.01372	.00126	41.300	.08417
#2	.03965	.00002	.03610	-.00823	-.00095	41.279	.08402

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00171	7.1270	.15607	.00552	.05403	96.724
Stddev	.00002	.00025	.0512	.00158	.00009	.00189	1.959
%RSD	2.1339	14.693	.71776	1.0094	1.6809	3.5067	2.0257

#1	.00105	-.00154	7.0908	.15719	.00559	.05537	95.338
#2	.00108	-.00189	7.1631	.15496	.00546	.05269	98.109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19807	1.9397	.01236	.00009	.29958	.20658	.09865
Stddev	.00013	.0490	.00004	.00008	.00179	.00272	.00219
%RSD	.06668	2.5248	.33521	96.143	.59855	1.3157	2.2156

#1	.19797	1.9051	.01233	.00014	.29831	.20850	.09710
#2	.19816	1.9743	.01239	.00003	.30084	.20466	.10019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3317	.00300	.05631	1.5427	8.6126	.00213	.65884
Stddev	.0170	.00018	.00153	.0006	.1641	.00092	.01355
%RSD	.50910	5.9856	2.7169	.04108	1.9051	43.333	2.0572

#1	3.3436	.00288	.05523	1.5432	8.4966	.00278	.64926
#2	3.3197	.00313	.05740	1.5423	8.7286	.00148	.66843

Sample Name: J5145-01 Acquired: 10/1/2018 16:14:10 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-042 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00421	1.120	.04092	F<.00000	19.492
Stddev	.00143	.004	.00020	.00226	.455
%RSD	33.835	.3753	.50056	.03919	2.3329

#1	.00320	1.123	.04106	-5.7658	19.171
#2	.00522	1.117	.04077	-5.7689	19.814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.9	69191.	5049.5	107.76	4277.8
Stddev	7.4	131.	41.7	2.05	5.1
%RSD	.22282	.18872	.82511	1.9011	.11840

#1	3301.7	69098.	5079.0	109.21	4274.3
#2	3312.1	69283.	5020.1	106.31	4281.4

Sample Name: J5154-02 Acquired: 10/1/2018 16:18:06 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00561	-.02039	-.01276	-.00011	16.321	.36570
Stddev	.00080	.00129	.00070	.00185	.00012	.058	.00084
%RSD	31.289	23.079	3.4522	14.472	114.37	.35714	.23071

#1	.00313	-.00652	-.02089	-.01146	-.00002	16.362	.36511
#2	.00199	-.00469	-.01989	-.01407	-.00020	16.279	.36630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	-.00293	45.119	.01072	.03443	.10840	146.02
Stddev	.00007	.00010	.128	.00084	.00014	.00062	1.16
%RSD	4.6466	3.4984	.28298	7.8596	.41953	.57039	.79226

#1	.00150	-.00301	45.028	.01012	.03432	.10796	146.84
#2	.00160	-.00286	45.209	.01131	.03453	.10884	145.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1030	11.344	.01839	.00170	1.4224	.02994	.33411
Stddev	.0002	.104	.00021	.00058	.0013	.00004	.00259
%RSD	.00880	.91354	1.1161	34.233	.09115	.13590	.77384

#1	2.1032	11.271	.01824	.00211	1.4215	.02997	.33594
#2	2.1029	11.417	.01854	.00129	1.4234	.02991	.33228

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.255	.00402	.08496	5.9020	3.1587	.00261	1.1214
Stddev	.052	.00009	.00685	.0258	.0522	.00033	.0002
%RSD	.42650	2.1611	8.0600	.43764	1.6541	12.737	.02011

#1	12.218	.00408	.08980	5.8837	3.1218	.00285	1.1215
#2	12.292	.00396	.08012	5.9203	3.1957	.00238	1.1212

Sample Name: J5154-02 Acquired: 10/1/2018 16:18:06 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01798	3.927	.06275	F<.00000	24.515
Stddev	.00130	.008	.00021	.08261	.393
%RSD	7.2556	.1964	.32927	.78143	1.6019

#1	.01706	3.921	.06290	-10.630	24.793
#2	.01891	3.932	.06261	-10.513	24.238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.1	76708.	5609.8	102.55	4118.7
Stddev	4.5	38.	22.2	.32	.3
%RSD	.12330	.04922	.39625	.31545	.00708

#1	3652.3	76734.	5625.5	102.32	4118.5
#2	3646.0	76681.	5594.1	102.78	4119.0

Sample Name: J5170-01 Acquired: 10/1/2018 16:22:00 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07119	-.00577	.04332	-.00917	.00021	74.126	.30797
Stddev	.00032	.00170	.00281	.00148	.00084	.419	.00318
%RSD	.45081	29.456	6.4871	16.084	405.42	.56531	1.0326

#1	.07096	-.00457	.04133	-.01022	.00080	73.830	.31022
#2	.07142	-.00697	.04531	-.00813	-.00039	74.422	.30572

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00562	-.00189	123.66	.19369	.05138	.08698	142.18
Stddev	.00005	.00046	1.20	.00044	.00036	.00235	4.51
%RSD	.88559	24.512	.96929	.22716	.70974	2.7010	3.1755

#1	.00565	-.00221	124.51	.19400	.05112	.08532	145.37
#2	.00558	-.00156	122.81	.19338	.05164	.08864	138.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0706	87.081	.74512	.00114	1.2923	.18199	.41250
Stddev	.0047	.750	.00064	.00078	.0074	.00178	.01560
%RSD	.22486	.86126	.08655	68.780	.57091	.98015	3.7823

#1	2.0674	87.612	.74466	.00169	1.2975	.18073	.42353
#2	2.0739	86.551	.74557	.00059	1.2871	.18325	.40146

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1659	.00390	.08709	6.6182	4.4278	.00352	1.0874
Stddev	.0563	.00016	.00312	.0077	.0789	.00092	.0016
%RSD	1.0907	4.1577	3.5878	.11702	1.7819	26.231	.14432

#1	5.2058	.00402	.08930	6.6237	4.4836	.00286	1.0886
#2	5.1261	.00379	.08488	6.6127	4.3720	.00417	1.0863

Sample Name: J5170-01 Acquired: 10/1/2018 16:22:00 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11150	1.651	.18672	F<.00000	24.452
Stddev	.00139	.007	.00145	.22931	.036
%RSD	1.2489	.4065	.77493	3.6800	.14678

#1	.11249	1.656	.18774	-6.3934	24.427
#2	.11052	1.646	.18569	-6.0691	24.477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.5	65872.	4883.7	100.65	3844.7
Stddev	8.2	55.	68.8	3.71	6.3
%RSD	.26411	.08295	1.4082	3.6841	.16397

#1	3115.7	65911.	4835.0	98.028	3840.3
#2	3127.3	65834.	4932.3	103.27	3849.2

Sample Name: J5170-07 Acquired: 10/1/2018 16:25:52 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07071	-.00728	.13359	-.01540	.00575	115.33	.46798
Stddev	.00006	.00069	.00079	.00070	.00092	.17	.00023
%RSD	.08387	9.5420	.59009	4.5154	15.949	.15084	.04958

#1	.07075	-.00679	.13303	-.01589	.00511	115.45	.46781
#2	.07067	-.00777	.13414	-.01491	.00640	115.21	.46814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00792	-.00146	155.10	.22754	.05013	.12484	180.08
Stddev	.00015	.00021	.26	.00201	.00042	.00087	2.75
%RSD	1.9390	14.196	.16581	.88520	.83249	.70017	1.5258

#1	.00781	-.00161	154.92	.22612	.04984	.12423	182.03
#2	.00803	-.00131	155.28	.22897	.05043	.12546	178.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7956	59.250	.12308	.00124	2.9001	.24730	.70201
Stddev	.0028	.355	.00040	.00016	.0110	.00110	.00987
%RSD	.10060	.59863	.32457	12.913	.37904	.44556	1.4063

#1	2.7936	58.999	.12280	.00135	2.9078	.24652	.70899
#2	2.7976	59.500	.12336	.00113	2.8923	.24808	.69503

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.126	.00490	.08807	9.4112	3.9423	.00680	1.6978
Stddev	.026	.00008	.00366	.0099	.0523	.00096	.0055
%RSD	.22981	1.6409	4.1527	.10561	1.3275	14.191	.32473

#1	11.144	.00495	.09066	9.4042	3.9793	.00748	1.6939
#2	11.108	.00484	.08548	9.4183	3.9053	.00612	1.7017

Sample Name: J5170-07 Acquired: 10/1/2018 16:25:52 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17937	3.155	.30875	F<.00000	26.502
Stddev	.00148	.017	.00009	.15252	.363
%RSD	.82254	.5260	.02841	1.7896	1.3701

#1	.17833	3.143	.30882	-8.4146	26.245
#2	.18041	3.166	.30869	-8.6303	26.758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.5	66630.	5067.5	100.81	3824.9
Stddev	1.6	125.	5.2	1.48	21.3
%RSD	.05172	.18780	.10266	1.4671	.55711

#1	3188.4	66541.	5071.1	99.768	3840.0
#2	3190.7	66718.	5063.8	101.86	3809.8

Sample Name: J5170-13 Acquired: 10/1/2018 16:29:49 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07626	-.00709	.15327	-.01739	.00183	92.942	.35230
Stddev	.00196	.00269	.00103	.00112	.00084	.127	.01415
%RSD	2.5763	38.000	.67243	6.4663	45.991	.13713	4.0153

#1	.07487	-.00900	.15400	-.01818	.00123	92.852	.34230
#2	.07765	-.00519	.15254	-.01659	.00242	93.032	.36231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00481	-.00238	155.86	.22169	.05010	.12163	192.87
Stddev	.00012	.00145	5.66	.00212	.00015	.00893	13.92
%RSD	2.5192	60.982	3.6304	.95720	.29677	7.3392	7.2153

#1	.00490	-.00135	151.86	.22319	.04999	.12794	183.03
#2	.00473	-.00341	159.87	.22019	.05020	.11531	202.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0945	85.770	.12525	.00253	1.8966	.25827	.71487
Stddev	.0069	3.345	.00138	.00194	.0740	.00252	.04833
%RSD	.32749	3.9004	1.1053	76.658	3.9034	.97558	6.7613

#1	2.0994	83.405	.12427	.00116	1.8442	.26005	.68069
#2	2.0897	88.136	.12623	.00390	1.9489	.25649	.74904

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.031	.00464	.09520	7.5541	4.1673	.00985	1.7316
Stddev	.393	.00029	.01624	.0536	.0887	.00019	.0606
%RSD	3.5664	6.1523	17.056	.71006	2.1297	1.9074	3.4969

#1	10.753	.00485	.08372	7.5161	4.1046	.00972	1.6888
#2	11.309	.00444	.10668	7.5920	4.2301	.00999	1.7744

Sample Name: J5170-13 Acquired: 10/1/2018 16:29:49 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15586	3.436	.21127	F<.00000	27.461
Stddev	.00819	.002	.00816	.36464	.586
%RSD	5.2532	.0570	3.8620	4.1352	2.1324

#1	.15007	3.434	.20550	-9.0759	27.875
#2	.16165	3.437	.21704	-8.5602	27.047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3142.6	66049.	4875.9	96.517	3797.7
Stddev	3.8	346.	154.8	6.537	20.3
%RSD	.11964	.52331	3.1756	6.7725	.53394

#1	3139.9	65805.	4985.4	101.14	3812.0
#2	3145.2	66293.	4766.4	91.895	3783.3

Sample Name: J5170-19 Acquired: 10/1/2018 16:33:39 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12813	-.01345	.42765	-.02248	.00329	116.61	.55225
Stddev	.00040	.00136	.00137	.00147	.00128	.92	.00102
%RSD	.31312	10.148	.32050	6.5212	38.854	.78512	.18380

#1	.12841	-.01249	.42862	-.02352	.00239	115.96	.55153
#2	.12784	-.01442	.42668	-.02145	.00419	117.25	.55297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00693	.00033	45.809	.37218	.10444	.27046	254.31
Stddev	.00014	.00037	.119	.00036	.00059	.00089	3.33
%RSD	1.9995	112.17	.25910	.09595	.56879	.32868	1.3094

#1	.00703	.00059	45.893	.37193	.10402	.27109	251.95
#2	.00683	.00007	45.725	.37244	.10486	.26983	256.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7952	39.976	.19459	.00451	3.1798	.33144	2.1489
Stddev	.0045	.199	.00036	.00055	.0029	.00154	.0171
%RSD	.16090	.49754	.18412	12.212	.09131	.46357	.79444

#1	2.7921	40.117	.19484	.00412	3.1818	.33252	2.1368
#2	2.7984	39.836	.19434	.00490	3.1777	.33035	2.1609

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.942	.00574	.13366	9.1944	2.4752	.01933	2.6297
Stddev	.082	.00004	.00852	.0429	.0397	.00047	.0056
%RSD	.45886	.77132	6.3709	.46699	1.6023	2.4275	.21335

#1	18.000	.00577	.12763	9.1640	2.5033	.01900	2.6257
#2	17.884	.00571	.13968	9.2247	2.4472	.01966	2.6336

Sample Name: J5170-19 Acquired: 10/1/2018 16:33:39 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27749	6.040	.22166	F<.00000	32.064
Stddev	.00364	.009	.00022	.22861	.726
%RSD	1.3131	.1571	.09745	1.3448	2.2636

#1	.28006	6.033	.22151	-17.161	32.577
#2	.27491	6.046	.22181	-16.837	31.551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.5	70962.	5317.2	101.46	3894.1
Stddev	1.4	247.	46.0	.69	.7
%RSD	.04088	.34778	.86604	.68206	.01876

#1	3403.5	71137.	5284.6	101.95	3893.6
#2	3405.4	70787.	5349.7	100.97	3894.6

Sample Name: J5170-25 Acquired: 10/1/2018 16:37:35 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10605	-.01033	.22080	-.01654	.00247	141.08	.50045
Stddev	.00267	.00112	.00301	.00222	.00018	.35	.00241
%RSD	2.5161	10.815	1.3643	13.416	7.3787	.25093	.48238

#1	.10416	-.01112	.21867	-.01497	.00234	141.33	.50216
#2	.10793	-.00954	.22293	-.01811	.00260	140.83	.49874

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00859	-.00105	191.22	1.5432	.07405	.19649	259.29
Stddev	.00022	.00037	1.36	.0025	.00024	.00207	3.52
%RSD	2.5538	34.770	.71086	.16022	.31923	1.0531	1.3588

#1	.00875	-.00131	192.19	1.5449	.07422	.19503	261.78
#2	.00844	-.00079	190.26	1.5414	.07388	.19795	256.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7608	68.156	.23929	.00295	3.7089	.43440	1.1896
Stddev	.0772	.484	.00081	.00007	.0352	.00086	.0080
%RSD	.88140	.70997	.33961	2.4675	.94998	.19864	.67060

#1	8.7062	68.499	.23872	.00290	3.7338	.43501	1.1952
#2	8.8154	67.814	.23987	.00300	3.6840	.43379	1.1840

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.574	.03657	.13999	19.253	4.9737	.01489	1.9395
Stddev	.041	.00052	.00906	.012	.0113	.00025	.0017
%RSD	.29974	1.4304	6.4745	.06117	.22681	1.7038	.08708

#1	13.603	.03693	.14640	19.244	4.9658	.01507	1.9407
#2	13.545	.03620	.13358	19.261	4.9817	.01471	1.9383

Sample Name: J5170-25 Acquired: 10/1/2018 16:37:35 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26979	4.539	.37521	F<.00000	32.407
Stddev	.00185	.005	.00348	.10537	.095
%RSD	.68658	.1014	.92669	.80008	.29344
#1	.27110	4.542	.37767	-13.096	32.340
#2	.26848	4.536	.37276	-13.245	32.474
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.8	67809.	5169.2	99.779	3722.3
Stddev	.5	83.	6.7	.708	9.0
%RSD	.01428	.12246	.12977	.70968	.24251
#1	3231.5	67750.	5164.4	99.278	3728.7
#2	3232.2	67868.	5173.9	100.28	3715.9

Sample Name: J5171-01 Acquired: 10/1/2018 16:41:37 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: KR-RO-VNJ-22 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15661	-.02713	.25502	-.04664	.00385	186.09	.77671
Stddev	.00210	.00005	.00658	.00304	.00190	.64	.00432
%RSD	1.3417	.18553	2.5798	6.5092	49.333	.34198	.55645

#1	.15512	-.02716	.25037	-.04449	.00519	185.64	.77977
#2	.15809	-.02709	.25967	-.04879	.00250	186.54	.77366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00942	-.00155	270.78	.13490	.27634	1.4047	481.45
Stddev	.00032	.00150	1.31	.00008	.00149	.0097	13.71
%RSD	3.3764	96.374	.48557	.06096	.53922	.68785	2.8467

#1	.00920	-.00261	271.71	.13496	.27739	1.3979	491.14
#2	.00965	-.00050	269.85	.13484	.27529	1.4115	471.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8937	111.95	.28369	.01055	18.442	.87434	1.3427
Stddev	.0135	.72	.00080	.00184	.136	.00057	.0427
%RSD	.22861	.64120	.28158	17.398	.73675	.06545	3.1782

#1	5.9032	112.46	.28426	.01185	18.538	.87393	1.3729
#2	5.8841	111.44	.28313	.00926	18.345	.87474	1.3125

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.053	.00674	2.8793	4.2655	2.7695	.02372	3.6744
Stddev	.113	.00023	.0244	.0198	.0619	.00118	.0024
%RSD	.80741	3.4765	.84851	.46342	2.2362	4.9958	.06652

#1	14.133	.00658	2.8966	4.2795	2.8133	.02455	3.6727
#2	13.973	.00691	2.8620	4.2515	2.7257	.02288	3.6762

Sample Name: J5171-01 Acquired: 10/1/2018 16:41:37 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: KR-RO-VNJ-22 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45306	11.54	.79102	F<.00000	47.417
Stddev	.00280	.01	.00525	.05918	.163
%RSD	.61715	.0537	.66392	.21005	.34327

#1	.45504	11.53	.79473	-28.215	47.302
#2	.45109	11.54	.78730	-28.131	47.532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.1	72660.	5578.4	94.832	3459.1
Stddev	1.5	20.	35.1	2.863	3.2
%RSD	.04312	.02740	.62965	3.0189	.09288

#1	3457.1	72674.	5553.6	92.807	3456.8
#2	3455.0	72646.	5603.2	96.856	3461.4

Sample Name: CCV04 Acquired: 10/1/2018 16:45:39 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8417	5.0361	4.8793	4.8964	4.9584	9.7924	9.8491	.24465
Stddev	.0014	.0185	.0057	.0063	.0121	.0971	.0761	.00100
%RSD	.02971	.36737	.11790	.12801	.24460	.99115	.77314	.40765
#1	4.8427	5.0492	4.8834	4.9008	4.9498	9.7238	9.9030	.24535
#2	4.8407	5.0231	4.8752	4.8919	4.9669	9.8610	9.7953	.24394
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4524	24.745	.97759	2.4342	1.2180	4.9711	2.4912	24.076
Stddev	.0037	.044	.00022	.0037	.0013	.1470	.0045	.100
%RSD	.15235	.17853	.02284	.15147	.10890	2.9560	.18018	.41437
#1	2.4550	24.714	.97744	2.4368	1.2171	5.0750	2.4943	24.005
#2	2.4497	24.776	.97775	2.4316	1.2190	4.8672	2.4880	24.146
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4271	1.2142	24.647	2.4658	2.5011	24.523	5.0017	4.8314
Stddev	.0064	.0018	.148	.0072	.0967	.117	.0074	.0168
%RSD	.26275	.14875	.60251	.29270	3.8675	.47888	.14806	.34753
#1	2.4316	1.2129	24.752	2.4709	2.5695	24.606	4.9964	4.8433
#2	2.4226	1.2155	24.542	2.4607	2.4327	24.440	5.0069	4.8195
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6931	4.7178	4.8542	4.9044	F 6.1396	4.909	4.9051	F 3.7141
Stddev	.0111	.0278	.0011	.0182	.0405	.019	.0289	.2259
%RSD	.23680	.58910	.02188	.37042	.66028	.3807	.58943	6.0818
#1	4.7009	4.7375	4.8549	4.8915	6.1683	4.922	4.9255	3.8738
#2	4.6852	4.6982	4.8534	4.9172	6.1109	4.896	4.8846	3.5544

Sample Name: CCV04 Acquired: 10/1/2018 16:45:39 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13924 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3475
Stddev	.3853
%RSD	16.412

#1	2.6199
#2	2.0750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.1	62215.	4516.0	96.675	3961.9
Stddev	.7	209.	47.4	3.809	8.6
%RSD	.02446	.33671	1.0490	3.9395	.21754

#1	2991.6	62067.	4482.5	93.982	3955.8
#2	2992.6	62363.	4549.5	99.368	3968.0

Sample Name: CCB04 Acquired: 10/1/2018 17:14:56 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	.00197	.00136	.00179	-.00124	-.00353	.00196
Stddev	.00099	.00092	.00113	.00098	.00136	.00555	.00046
%RSD	80.283	46.458	83.449	55.056	109.46	157.14	23.448

#1	.00053	.00262	.00056	.00109	-.00028	-.00746	.00163
#2	.00194	.00133	.00216	.00249	-.00220	.00039	.00228

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00003	.00226	-.00046	-.00010	-.00005	-.00024
Stddev	.00008	.00002	.01705	.00028	.00001	.00020	.00457
%RSD	80.156	83.632	754.19	60.033	8.7430	374.88	1918.9

#1	.00004	.00001	.01432	-.00026	-.00009	-.00020	-.00347
#2	.00015	.00005	-.00980	-.00065	-.00010	.00009	.00300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.03512	.00035	-.00050	.02606	-.00019	.00067
Stddev	.00005	.00302	.00025	.00009	.00637	.00009	.00000
%RSD	22.662	8.5986	72.669	17.723	24.423	47.635	.32979

#1	.00026	-.03299	.00053	-.00044	.03056	-.00012	.00068
#2	.00019	-.03726	.00017	-.00057	.02156	-.00025	.00067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01778	.00014	.01523	F -.02250	-.00186	-.00081	.00119
Stddev	.00985	.00006	.00555	.00183	.00089	.00005	.00087
%RSD	55.409	45.201	36.478	8.1471	47.561	5.7368	73.420

#1	.01081	.00018	.01130	-.02120	-.00124	-.00084	.00057
#2	.02474	.00009	.01915	-.02380	-.00249	-.00078	.00180

Sample Name: CCB04 Acquired: 10/1/2018 17:14:56 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13924 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00009	-0.0016	-0.00020	F 2.2569	F .26066
Stddev	.00307	.0005	.00011	.6022	.15513
%RSD	3528.0	32.34	52.681	26.684	59.515

#1	-0.00226	-0.0012	-0.00013	1.8311	.37036
#2	.00209	-0.0020	-0.00028	2.6827	.15097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.9	65172.	4580.9	104.63	4459.4
Stddev	4.0	223.	10.1	.90	9.7
%RSD	.12623	.34163	.22024	.85706	.21850

#1	3134.1	65329.	4573.8	105.26	4452.5
#2	3139.7	65014.	4588.1	104.00	4466.3

Sample Name: PB113336BL Acquired: 10/1/2018 17:19:00 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00177	-.00030	.00442	-.00109	-.01426	.00145
Stddev	.00133	.00030	.00033	.00011	.00070	.00415	.00015
%RSD	1892.0	17.088	108.38	2.4663	63.896	29.109	10.482

#1	-.00101	.00156	-.00053	.00449	-.00158	-.01720	.00156
#2	.00087	.00199	-.00007	.00434	-.00060	-.01133	.00134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00002	-.01456	-.00051	-.00004	-.00042	.00295
Stddev	.00002	.00003	.01173	.00010	.00008	.00021	.00256
%RSD	72.404	206.55	80.547	19.551	176.34	49.679	86.771

#1	.00005	-.00001	-.00627	-.00044	.00001	-.00027	.00114
#2	.00002	.00004	-.02285	-.00058	-.00010	-.00057	.00476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.04296	.00057	-.00048	-.04836	-.00046	-.00025
Stddev	.00001	.03384	.00014	.00077	.00502	.00023	.00008
%RSD	17.558	78.776	24.382	159.99	10.391	49.030	33.313

#1	.00007	-.06689	.00067	-.00102	-.04480	-.00030	-.00031
#2	.00009	-.01903	.00047	.00006	-.05191	-.00062	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01311	-.00012	.01035	F -.04352	-.00364	-.00115	.00082
Stddev	.00422	.00011	.00264	.00064	.00011	.00033	.00220
%RSD	32.158	90.189	25.509	1.4663	3.1106	28.268	269.57

#1	.01013	-.00004	.00848	-.04307	-.00372	-.00138	-.00074
#2	.01609	-.00019	.01222	-.04397	-.00356	-.00092	.00237

Sample Name: PB113336BL Acquired: 10/1/2018 17:19:00 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00600	-.0018	-.00030	F 1.7268	F .43240
Stddev	.00155	.0027	.00010	.5285	.27058
%RSD	25.807	148.5	34.252	30.607	62.577

#1	-.00490	-.0037	-.00038	1.3531	.62373
#2	-.00709	.0001	-.00023	2.1006	.24107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.3	65602.	4661.2	103.29	4465.4
Stddev	18.3	1041.	14.5	1.95	11.2
%RSD	.58075	1.5864	.31174	1.8893	.25013

#1	3134.3	66338.	4651.0	101.91	4457.5
#2	3160.2	64866.	4671.5	104.67	4473.3

Sample Name: PB113336BS Acquired: 10/1/2018 17:23:03 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76046	2.0500	.96297	1.9623	.75243	1.8666	.20641
Stddev	.00197	.0034	.00126	.0043	.00105	.0004	.00907
%RSD	.25944	.16804	.13134	.22063	.14012	.01863	4.3926

#1	.75906	2.0476	.96386	1.9653	.75168	1.8664	.20000
#2	.76185	2.0525	.96207	1.9592	.75317	1.8669	.21282

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19207	.19210	1.0236	.38706	.18968	.29565	3.0224
Stddev	.00087	.00013	.0455	.00074	.00017	.00001	.1257
%RSD	.45433	.06870	4.4453	.19243	.08793	.00416	4.1604

#1	.19269	.19219	.99147	.38653	.18980	.29566	2.9335
#2	.19146	.19200	1.0558	.38759	.18957	.29564	3.1113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20223	1.9863	.47594	.07037	2.9931	.28996	.20477
Stddev	.00012	.1270	.00042	.00077	.1249	.00050	.01096
%RSD	.06103	6.3938	.08752	1.0895	4.1712	.17097	5.3547

#1	.20215	1.8965	.47624	.07091	2.9048	.28961	.19701
#2	.20232	2.0761	.47565	.06983	3.0814	.29031	.21252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.065	.39339	.29754	F -.04988	.90225	.65256	.20053
Stddev	.378	.00016	.00242	.00036	.03622	.00055	.01131
%RSD	3.7571	.04076	.81279	.71284	4.0149	.08477	5.6393

#1	9.7971	.39328	.29583	-.04963	.87664	.65295	.19253
#2	10.332	.39351	.29925	-.05013	.92787	.65217	.20853

Sample Name: PB113336BS Acquired: 10/1/2018 17:23:03 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .38578	F 5.385	.19469	F 1.6687	.89074
Stddev	.01198	.001	.00905	.0075	.16899
%RSD	3.1067	.0174	4.6479	.44864	18.972

#1	.37731	5.385	.18829	1.6740	1.0102
#2	.39426	5.386	.20109	1.6634	.77125

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3119.2	64795.	4497.5	99.422	4358.7
Stddev	4.5	289.	173.7	5.148	6.4
%RSD	.14415	.44529	3.8618	5.1774	.14743

#1	3116.0	64591.	4620.3	103.06	4354.1
#2	3122.3	64999.	4374.7	95.782	4363.2

Sample Name: J5133-01 Acquired: 10/1/2018 17:26:51 Type: Unk
Method: P4-ICP2(v2468) 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	.00244	.00214	.00256	.00576	-.00319	-.02364	.02173	.00016
Stddev	.00034	.00073	.00016	.00285	.00019	.01234	.00045	.00005
%RSD	13.828	34.154	6.1914	49.420	5.8103	52.230	2.0542	32.103

#1	.00220	.00163	.00245	.00375	-.00333	-.03236	.02141	.00013
#2	.00267	.00266	.00267	.00778	-.00306	-.01491	.02204	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	74.716	-.00121	-.00017	.00108	-.02637	.00789	187.48
Stddev	.00003	2.069	.00009	.00006	.00045	.00451	.00011	3.55
%RSD	10.770	2.7690	7.4744	33.358	42.166	17.097	1.4298	1.8910

#1	-.00022	73.253	-.00115	-.00013	.00076	-.02956	.00781	184.97
#2	-.00026	76.179	-.00128	-.00021	.00140	-.02318	.00797	189.99

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	.00002	1311.1	.00080	.00066	60.935	.00177	.67241
Stddev	.00022	.00030	26.6	.00016	.00006	1.557	.00005	.01234
%RSD	9.0162	1423.8	2.0257	20.123	9.0266	2.5544	2.8224	1.8348

#1	-.00265	.00023	1292.3	.00068	.00062	59.835	.00181	.66369
#2	-.00233	-.00019	1329.9	.00091	.00070	62.036	.00174	.68113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.82	.86879	-.05535	-.00174	.04418	.0866	1.1565	5.9864
Stddev	.32	.02202	.00087	.00021	.00393	.0005	.0295	.0311
%RSD	.21657	2.5351	1.5695	12.220	8.8922	.5619	2.5522	.51951

#1	148.59	.85321	-.05473	-.00159	.04140	.0870	1.1356	6.0084
#2	149.05	.88436	-.05596	-.00189	.04696	.0863	1.1774	5.9644

Sample Name: J5133-01 Acquired: 10/1/2018 17:26:51 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5822
 Stddev .1638
 %RSD 6.3444

#1 2.4664
 #2 2.6981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.5	56477.	4496.5	99.512	3514.6
Stddev	.2	56.	127.5	2.969	4.4
%RSD	.00881	.09965	2.8365	2.9839	.12488

#1	2781.7	56517.	4586.7	101.61	3517.7
#2	2781.3	56437.	4406.3	97.412	3511.5

Sample Name: J5133-12 Acquired: 10/1/2018 17:30:58 Type: Unk
Method: P4-ICP2(v2468) 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	.00260	.00126	.00713	-.00240	-.03317	.02028	.00013
Stddev	.00263	.00061	.00093	.00069	.00044	.01237	.00041	.00008
%RSD	88.554	23.353	73.849	9.6312	18.187	37.308	2.0334	61.445

#1	.00111	.00217	.00060	.00762	-.00270	-.04192	.02057	.00019
#2	.00483	.00303	.00192	.00664	-.00209	-.02442	.01999	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	65.222	-.00215	-.00015	.00160	-.01238	.00790	152.61
Stddev	.00005	.507	.00096	.00012	.00002	.01189	.00034	.53
%RSD	65.592	.77708	44.410	78.355	1.2793	96.045	4.3034	.34653

#1	-.00010	65.580	-.00283	-.00007	.00162	-.00397	.00814	152.98
#2	-.00004	64.863	-.00148	-.00023	.00159	-.02078	.00766	152.23

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	-.00019	1093.5	.00127	.00059	50.537	.00128	.53802
Stddev	.00047	.00030	38.5	.00020	.00010	.357	.00004	.00782
%RSD	19.045	153.56	3.5248	15.543	16.111	.70548	3.0565	1.4540

#1	-.00281	.00002	1120.7	.00141	.00052	50.789	.00126	.53249
#2	-.00214	-.00041	1066.2	.00113	.00066	50.285	.00131	.54355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	118.99	.84631	-.04413	-.00010	.03832	.0822	.96559	6.3090
Stddev	3.36	.00233	.00067	.00101	.00059	.0010	.00682	.7751
%RSD	2.8277	.27565	1.5253	1030.4	1.5340	1.259	.70640	12.286

#1	116.61	.84796	-.04365	-.00081	.03791	.0814	.97041	6.8571
#2	121.37	.84466	-.04460	.00061	.03874	.0829	.96076	5.7609

Sample Name: J5133-12 Acquired: 10/1/2018 17:30:58 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5576
Stddev .0275
%RSD 1.0745

#1 2.5382
#2 2.5770

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.5	55612.	4589.2	101.01	3676.5
Stddev	71.2	2499.	42.0	.94	88.7
%RSD	2.4719	4.4942	.91551	.93143	2.4127

#1	2931.8	53844.	4559.4	101.67	3739.2
#2	2831.1	57379.	4618.9	100.34	3613.8

Sample Name: J5133-13 Acquired: 10/1/2018 17:35:04 Type: Unk
Method: P4-ICP2(v2468) 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	.00491	.00431	.00135	.00710	-.00247	-.03506	.02050	.00009
Stddev	.00093	.00035	.00007	.00173	.00011	.02202	.00004	.00008
%RSD	19.004	8.2343	5.0962	24.364	4.3390	62.800	.20091	95.309

#1	.00557	.00406	.00140	.00587	-.00254	-.01949	.02047	.00015
#2	.00425	.00456	.00131	.00832	-.00239	-.05063	.02053	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	66.737	-.00116	-.00054	.00142	-.01287	.01475	158.81
Stddev	.00004	.247	.00008	.00000	.00038	.00610	.00004	.07
%RSD	21.383	.37084	6.9480	.50275	26.387	47.358	.25032	.04456

#1	-.00022	66.562	-.00121	-.00054	.00169	-.01718	.01472	158.86
#2	-.00016	66.912	-.00110	-.00053	.00116	-.00856	.01477	158.76

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	.00014	1118.1	.00096	.00046	52.942	.00131	.56634
Stddev	.00011	.00029	15.2	.00000	.00004	.406	.00028	.01602
%RSD	5.9047	216.50	1.3609	.40666	8.3318	.76753	21.349	2.8280

#1	-.00192	-.00007	1128.9	.00096	.00043	52.655	.00151	.57767
#2	-.00176	.00034	1107.4	.00096	.00049	53.229	.00111	.55502

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	126.68	.88275	-.04794	.00048	.04002	.0921	1.0012	5.8801
Stddev	.21	.00279	.00044	.00101	.00301	.0028	.0032	.0813
%RSD	.16658	.31593	.92296	208.67	7.5278	3.073	.31630	1.3824

#1	126.53	.88077	-.04825	.00119	.03789	.0941	.99900	5.8226
#2	126.83	.88472	-.04763	-.00023	.04215	.0901	1.0035	5.9376

Sample Name: J5133-13 Acquired: 10/1/2018 17:35:04 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5794
 Stddev .2432
 %RSD 9.4285

#1 2.7513
 #2 2.4074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.5	57375.	4551.4	101.13	3588.6
Stddev	.8	70.	20.8	.29	8.8
%RSD	.02664	.12123	.45807	.29148	.24567

#1	2820.9	57425.	4566.2	100.92	3594.8
#2	2822.0	57326.	4536.7	101.33	3582.3

Sample Name: J5133-14 Acquired: 10/1/2018 17:39:10 Type: Unk
Method: P4-ICP2(v2468) 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	.00549	.00472	.00182	.00720	-.00208	-.02585	.02077	.00012
Stddev	.00134	.00006	.00042	.00398	.00050	.01800	.00071	.00001
%RSD	24.390	1.2141	23.295	55.230	24.114	69.629	3.4415	10.996

#1	.00455	.00477	.00152	.00439	-.00173	-.01312	.02128	.00012
#2	.00644	.00468	.00212	.01001	-.00244	-.03857	.02027	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	65.816	-.00124	-.00030	.00120	-.02006	.01448	157.99
Stddev	.00008	.097	.00037	.00006	.00005	.02012	.00019	.03
%RSD	49.680	.14668	29.530	21.371	4.2513	100.32	1.3257	.01784

#1	-.00021	65.748	-.00150	-.00025	.00116	-.03429	.01434	158.01
#2	-.00010	65.884	-.00098	-.00034	.00123	-.00583	.01461	157.97

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	-.00017	1086.1	.00072	.00043	52.353	.00162	.55597
Stddev	.00081	.00020	18.2	.00020	.00002	.075	.00024	.00395
%RSD	43.425	121.46	1.6737	27.581	5.7282	.14349	14.914	.71002

#1	-.00243	-.00031	1098.9	.00086	.00041	52.300	.00145	.55876
#2	-.00129	-.00002	1073.2	.00058	.00044	52.406	.00179	.55318

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	126.42	.88245	-.04676	-.00062	.04081	.0906	.98714	5.5249
Stddev	.35	.00124	.00051	.00262	.00276	.0007	.00042	.1094
%RSD	.27326	.14000	1.0926	421.55	6.7649	.7805	.04265	1.9808

#1	126.18	.88158	-.04712	.00123	.04276	.0911	.98744	5.4475
#2	126.67	.88333	-.04640	-.00248	.03886	.0901	.98684	5.6023

Sample Name: J5133-14 Acquired: 10/1/2018 17:39:10 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4013
Stddev .2233
%RSD 9.2990

#1 2.5591
#2 2.2434

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.0	57598.	4619.1	101.11	3599.6
Stddev	3.8	366.	3.9	1.38	9.9
%RSD	.13329	.63611	.08466	1.3697	.27539

#1	2827.3	57857.	4621.9	102.09	3606.6
#2	2832.7	57339.	4616.3	100.14	3592.5

Sample Name: J5133-15 Acquired: 10/1/2018 17:43:18 Type: Unk
Method: P4-ICP2(v2468) 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	.00517	.00264	.00248	.00428	-.00270	-.03201	.02100	.00008
Stddev	.00063	.00010	.00038	.00344	.00130	.00186	.00001	.00005
%RSD	12.172	3.6118	15.422	80.503	48.181	5.7962	.05805	69.814

#1	.00561	.00271	.00275	.00184	-.00178	-.03332	.02099	.00004
#2	.00472	.00257	.00221	.00671	-.00363	-.03069	.02101	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	90.506	-.00153	-.00053	.00127	-.03668	.00847	237.63
Stddev	.00004	1.124	.00016	.00002	.00026	.00274	.00004	3.66
%RSD	21.554	1.2416	10.330	3.1262	20.436	7.4637	.49687	1.5388

#1	-.00017	91.300	-.00141	-.00054	.00109	-.03861	.00850	240.22
#2	-.00023	89.711	-.00164	-.00052	.00145	-.03474	.00844	235.04

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	-.00028	1473.4	.00096	.00071	82.342	.00211	.84973
Stddev	.00017	.00006	40.9	.00057	.00011	.773	.00018	.00185
%RSD	6.8392	22.085	2.7763	59.278	15.122	.93921	8.5723	.21800

#1	-.00240	-.00024	1502.3	.00136	.00063	82.888	.00224	.84842
#2	-.00265	-.00033	1444.5	.00056	.00078	81.795	.00199	.85104

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	198.95	.87705	-.07282	-.00269	.06892	.1030	1.4890	6.8950
Stddev	.14	.02428	.00117	.00049	.00141	.0058	.0183	.1281
%RSD	.06852	2.7689	1.6015	18.234	2.0492	5.649	1.2312	1.8576

#1	199.05	.89422	-.07199	-.00234	.06992	.0989	1.5020	6.9855
#2	198.86	.85988	-.07364	-.00303	.06792	.1071	1.4760	6.8044

Sample Name: J5133-15 Acquired: 10/1/2018 17:43:18 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9581
Stddev .1434
%RSD 4.8487

#1 3.0595
#2 2.8566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.5	54308.	4484.8	98.602	3382.3
Stddev	4.2	118.	57.4	4.522	2.0
%RSD	.15421	.21641	1.2795	4.5864	.05839

#1	2699.4	54391.	4444.3	101.80	3383.7
#2	2693.5	54225.	4525.4	95.404	3380.9

Sample Name: J5133-16 Acquired: 10/1/2018 17:47:26 Type: Unk
Method: P4-ICP2(v2468) 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	.00316	.00297	.00277	.00894	-.00194	-.02704	.02042	.00011
Stddev	.00235	.00321	.00001	.00053	.00127	.00631	.00018	.00000
%RSD	74.369	108.32	.27032	5.9493	65.220	23.330	.87416	.77243

#1	.00482	.00069	.00278	.00932	-.00105	-.02258	.02054	.00011
#2	.00150	.00524	.00277	.00856	-.00283	-.03150	.02029	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	86.555	-.00152	-.00058	.00129	-.03680	.00849	224.83
Stddev	.00007	.453	.00061	.00029	.00081	.00379	.00010	1.54
%RSD	29.437	.52367	40.418	50.193	63.088	10.304	1.1674	.68531

#1	-.00028	86.875	-.00109	-.00078	.00071	-.03948	.00842	225.92
#2	-.00019	86.234	-.00196	-.00037	.00186	-.03412	.00856	223.74

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	-.00004	1408.2	.00059	.00146	77.724	.00209	.79947
Stddev	.00007	.00005	38.1	.00053	.00006	.220	.00005	.00834
%RSD	2.8827	119.28	2.7046	90.197	4.1662	.28330	2.1945	1.0431

#1	-.00258	-.00001	1435.1	.00096	.00150	77.880	.00206	.79358
#2	-.00247	-.00007	1381.2	.00021	.00142	77.568	.00213	.80537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	186.47	.88730	-.06876	-.00370	.05943	.1005	1.4099	6.5280
Stddev	1.27	.00507	.00035	.00068	.00090	.0010	.0077	.1983
%RSD	.68199	.57142	.51608	18.350	1.5202	.9671	.54918	3.0372

#1	187.36	.88371	-.06901	-.00418	.05879	.1012	1.4154	6.6682
#2	185.57	.89088	-.06851	-.00322	.06007	.0998	1.4045	6.3878

Sample Name: J5133-16 Acquired: 10/1/2018 17:47:26 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8358
Stddev .3301
%RSD 11.642

#1 2.6023
#2 3.0692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2728.5	55091.	4475.1	99.892	3405.2
Stddev	12.1	33.	37.2	1.929	18.4
%RSD	.44471	.06043	.83218	1.9310	.54166

#1	2720.0	55068.	4448.7	98.528	3392.2
#2	2737.1	55115.	4501.4	101.26	3418.2

Sample Name: J5133-17 Acquired: 10/1/2018 17:51:33 Type: Unk
Method: P4-ICP2(v2468) 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	.00425	.00316	.00231	.00548	-.00207	-.03841	.02067	.00007
Stddev	.00082	.00180	.00081	.00502	.00046	.00129	.00080	.00005
%RSD	19.268	56.910	34.853	91.713	22.311	3.3488	3.8657	69.300

#1	.00367	.00443	.00174	.00903	-.00174	-.03932	.02124	.00010
#2	.00482	.00189	.00288	.00193	-.00239	-.03750	.02011	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	75.169	-.00091	-.00045	.00113	-.02925	.00746	188.05
Stddev	.00004	.521	.00026	.00046	.00033	.00174	.00010	.11
%RSD	24.465	.69345	28.394	101.10	29.377	5.9554	1.3581	.06112

#1	-.00015	75.538	-.00110	-.00077	.00090	-.02802	.00753	187.97
#2	-.00021	74.800	-.00073	-.00013	.00136	-.03048	.00739	188.13

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00060	1204.5	.00044	.00037	64.440	.00153	.67796
Stddev	.00035	.00023	48.8	.00038	.00011	.419	.00006	.00120
%RSD	18.943	39.214	4.0552	87.053	30.461	.65050	4.1760	.17645

#1	-.00158	-.00043	1239.0	.00017	.00029	64.736	.00149	.67881
#2	-.00207	-.00076	1170.0	.00071	.00045	64.143	.00158	.67711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.25	.84768	-.05566	-.00170	.05297	.0885	1.1778	6.7686
Stddev	2.71	.01901	.00045	.00034	.00095	.0014	.0088	.3295
%RSD	1.7904	2.2426	.81009	20.096	1.8011	1.559	.74855	4.8677

#1	149.34	.86112	-.05534	-.00146	.05229	.0875	1.1840	6.5357
#2	153.17	.83424	-.05598	-.00194	.05364	.0895	1.1715	7.0016

Sample Name: J5133-17 Acquired: 10/1/2018 17:51:33 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8858
 Stddev .1053
 %RSD 3.6495

#1 2.9602
 #2 2.8113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.7	55726.	4540.8	101.05	3538.7
Stddev	48.2	71.	40.4	.84	55.5
%RSD	1.7286	.12815	.88862	.82784	1.5689

#1	2823.8	55777.	4512.3	101.64	3578.0
#2	2755.6	55676.	4569.4	100.46	3499.4

Sample Name: J5133-18 Acquired: 10/1/2018 17:55:40 Type: Unk
Method: P4-ICP2(v2468) 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	.00635	.00473	.00294	.00247	-.00152	-.04351	.01855	.00013
Stddev	.00163	.00043	.00057	.00133	.00262	.00767	.00496	.00002
%RSD	25.608	9.0931	19.285	53.763	171.89	17.622	26.735	17.949

#1	.00750	.00504	.00334	.00342	.00033	-.03809	.01504	.00015
#2	.00520	.00443	.00254	.00153	-.00337	-.04893	.02205	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	90.035	-.00109	-.00016	.00115	-.02875	.00693	238.66
Stddev	.00010	9.996	.00017	.00000	.00027	.00404	.00006	26.22
%RSD	67.702	11.102	15.692	.89024	23.364	14.053	.85393	10.988

#1	-.00007	82.967	-.00097	-.00015	.00096	-.02590	.00698	220.11
#2	-.00021	97.103	-.00121	-.00016	.00134	-.03161	.00689	257.20

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	-.00016	1416.5	.00112	.00111	83.688	.00240	.85435
Stddev	.00013	.00011	125.2	.00004	.00027	9.144	.00014	.09586
%RSD	7.2415	66.331	8.8401	3.1762	24.607	10.927	5.6380	11.220

#1	-.00177	-.00009	1327.9	.00115	.00091	77.222	.00230	.78657
#2	-.00196	-.00024	1505.0	.00110	.00130	90.154	.00249	.92213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	208.44	.86774	-.07719	-.00250	.06661	.1035	1.4993	7.1576
Stddev	.50	.09227	.00008	.00104	.00730	.0022	.1713	.0054
%RSD	.24208	10.633	.10892	41.676	10.966	2.171	11.426	.07504

#1	208.80	.80249	-.07725	-.00324	.06144	.1051	1.3781	7.1614
#2	208.09	.93298	-.07713	-.00177	.07177	.1019	1.6204	7.1538

Sample Name: J5133-18 Acquired: 10/1/2018 17:55:40 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8492
 Stddev .2989
 %RSD 10.492

#1 3.0606
 #2 2.6378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.4	53947.	4620.9	98.871	3325.0
Stddev	8.9	186.	464.5	11.424	2.3
%RSD	.33320	.34503	10.053	11.555	.06874

#1	2654.1	53815.	4949.3	106.95	3326.6
#2	2666.7	54079.	4292.4	90.793	3323.4

Sample Name: CCV05 Acquired: 10/1/2018 17:59:46 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9140	5.0615	4.9305	5.0040	5.0078	9.8369	10.004	.24690
Stddev	.0116	.0110	.0054	.0071	.0028	.0800	.072	.00007
%RSD	.23638	.21625	.10954	.14278	.05625	.81334	.72451	.02956
#1	4.9058	5.0692	4.9267	4.9989	5.0058	9.8934	9.9532	.24695
#2	4.9222	5.0537	4.9343	5.0090	5.0098	9.7803	10.056	.24685
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4801	24.808	.98457	2.4549	1.2276	4.8915	2.4987	24.145
Stddev	.0023	.027	.00207	.0023	.0025	.1079	.0014	.007
%RSD	.09265	.11036	.21042	.09447	.20510	2.2057	.05656	.02849
#1	2.4818	24.788	.98310	2.4533	1.2294	4.9678	2.4997	24.150
#2	2.4785	24.827	.98603	2.4565	1.2258	4.8152	2.4977	24.140
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4503	1.2179	24.013	2.4780	2.4876	25.086	5.0307	4.8243
Stddev	.0006	.0010	.286	.0069	.0243	.129	.0033	.0147
%RSD	.02320	.08160	1.1922	.27725	.97863	.51262	.06509	.30516
#1	2.4499	1.2186	23.811	2.4731	2.5048	24.995	5.0284	4.8139
#2	2.4507	1.2172	24.216	2.4829	2.4704	25.177	5.0330	4.8347
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0233	4.6993	4.9054	4.9117	F 6.3968	5.001	4.9616	F 3.4092
Stddev	.0202	.0145	.0039	.0030	.0465	.005	.0296	.0366
%RSD	.40301	.30859	.07972	.06063	.72731	.0938	.59740	1.0735
#1	5.0376	4.6891	4.9082	4.9096	6.3639	4.997	4.9406	3.3833
#2	5.0090	4.7096	4.9027	4.9138	6.4297	5.004	4.9825	3.4351

Sample Name: CCV05 Acquired: 10/1/2018 17:59:46 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4864
Stddev	.1458
%RSD	5.8640

#1	2.5895
#2	2.3833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.5	63078.	4563.4	100.05	4024.7
Stddev	3.3	99.	27.0	1.15	8.0
%RSD	.10984	.15638	.59271	1.1521	.19835

#1	3047.2	63008.	4582.5	99.236	4019.1
#2	3051.9	63147.	4544.3	100.87	4030.4

Sample Name: CCB05 Acquired: 10/1/2018 18:03:30 Type: Unk
Method: P4-ICP2(v2468) 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	-.00058	.00214	.00022	.00271	-.00083	-.00983	.00220	.00012
Stddev	.00061	.00087	.00058	.00245	.00052	.00194	.00047	.00002
%RSD	106.01	40.708	262.36	90.333	63.091	19.697	21.589	17.247

#1	-.00014	.00152	-.00019	.00445	-.00120	-.00846	.00253	.00013
#2	-.00101	.00275	.00063	.00098	-.00046	-.01119	.00186	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00581	.00001	-.00014	-.00033	.00398	.00005	-.02456
Stddev	.00000	.00397	.00052	.00005	.00028	.00299	.00007	.00312
%RSD	1.8205	68.371	3904.7	34.381	85.837	75.156	135.76	12.717

#1	.00006	-.00862	.00038	-.00017	-.00013	.00187	.00010	-.02677
#2	.00005	-.00300	-.00035	-.00010	-.00053	.00610	.00000	-.02235

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00062	.24641	.00014	.00078	.06444	.00046	.01830
Stddev	.00005	.00017	.02577	.00017	.00008	.00087	.00036	.00229
%RSD	36.597	27.177	10.459	125.97	9.7146	1.3485	79.328	12.507

#1	.00016	-.00050	.26463	.00001	.00073	.06383	.00071	.01992
#2	.00009	-.00074	.22818	.00026	.00083	.06505	.00020	.01668

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04240	-.00460	-.00054	.00310	-.00350	-.0023	-.00021	F 1.7827
Stddev	.00652	.00016	.00040	.00115	.00104	.0012	.00002	.1951
%RSD	15.380	3.3883	75.073	37.002	29.723	52.46	8.8854	10.941

#1	.04701	-.00449	-.00025	.00392	-.00423	-.0015	-.00019	1.6448
#2	.03779	-.00471	-.00082	.00229	-.00276	-.0032	-.00022	1.9207

Sample Name: CCB05 Acquired: 10/1/2018 18:03:30 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .43722
Stddev	.37329
%RSD	85.377

#1	.70118
#2	.17327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.3	66205.	4626.3	103.60	4560.2
Stddev	13.6	227.	35.1	.82	24.8
%RSD	.42327	.34240	.75957	.79580	.54410

#1	3203.7	66044.	4651.1	103.01	4542.7
#2	3222.9	66365.	4601.4	104.18	4577.8

Sample Name: J5133-01DUP Acquired: 10/1/2018 18:07:34 Type: Unk
Method: P4-ICP2(v2468) 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	.00630	.00215	.00153	.00667	-.00281	-.02531	.02050	.00007
Stddev	.00097	.00107	.00119	.00266	.00127	.00272	.00166	.00009
%RSD	15.412	49.849	77.504	39.960	45.234	10.744	8.0950	122.51

#1	.00698	.00140	.00237	.00478	-.00191	-.02723	.01933	.00001
#2	.00561	.00291	.00069	.00855	-.00371	-.02339	.02167	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	72.860	-.00183	-.00029	.00116	-.01805	.00781	179.93
Stddev	.00000	1.656	.00001	.00018	.00043	.00117	.00014	5.23
%RSD	2.2762	2.2724	.72029	64.170	36.658	6.4732	1.7917	2.9084

#1	-.00012	71.689	-.00182	-.00042	.00146	-.01722	.00771	176.23
#2	-.00011	74.031	-.00184	-.00016	.00086	-.01887	.00791	183.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00235	-.00052	1261.2	.00083	.00062	60.241	.00144	.63230
Stddev	.00003	.00064	41.0	.00010	.00003	1.697	.00026	.00083
%RSD	1.2876	121.73	3.2502	11.926	4.5528	2.8164	17.772	.13121

#1	-.00233	-.00007	1232.2	.00076	.00064	59.041	.00126	.63289
#2	-.00237	-.00097	1290.2	.00090	.00060	61.440	.00162	.63171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.49	.85079	-.05405	.00056	.04935	.0882	1.1295	5.9398
Stddev	1.44	.01946	.00034	.00058	.00138	.0019	.0279	.0666
%RSD	.97409	2.2870	.62133	102.53	2.7960	2.115	2.4739	1.1208

#1	148.51	.83703	-.05381	.00015	.04837	.0869	1.1098	5.9869
#2	146.47	.86455	-.05428	.00097	.05032	.0895	1.1493	5.8927

Sample Name: J5133-01DUP Acquired: 10/1/2018 18:07:34 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5592
Stddev	.0194
%RSD	.75678

#1	2.5729
#2	2.5455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2796.0	56925.	4581.4	102.26	3540.2
Stddev	14.5	38.	126.0	5.43	34.0
%RSD	.51849	.06641	2.7490	5.3148	.96104

#1	2785.7	56898.	4670.5	106.10	3516.2
#2	2806.2	56951.	4492.4	98.417	3564.3

Sample Name: J5133-01LX5 Acquired: 10/1/2018 18:11:40 Type: Unk
Method: P4-ICP2(v2468) 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	.00002	.00168	.00163	.00403	-.00159	-.01411	.00598	.00014
Stddev	.00044	.00062	.00088	.00425	.00002	.00073	.00093	.00007
%RSD	2251.2	37.232	54.186	105.47	1.0564	5.1917	15.541	51.165

#1	.00033	.00212	.00101	.00704	-.00158	-.01359	.00532	.00019
#2	-.00029	.00123	.00225	.00103	-.00160	-.01463	.00663	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	16.245	.00202	-.00017	.00042	.00715	.00180	38.650
Stddev	.00008	.004	.00042	.00014	.00016	.00802	.00001	.246
%RSD	140.05	.02399	20.852	80.376	37.553	112.24	.46773	.63715

#1	-.00012	16.248	.00172	-.00007	.00053	.00148	.00180	38.476
#2	-.00000	16.242	.00231	-.00027	.00031	.01282	.00181	38.824

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	-.00026	313.38	.00010	.00028	12.607	.00070	.15637
Stddev	.00083	.00010	.49	.00027	.00016	.041	.00011	.02356
%RSD	74.744	37.863	.15523	263.60	56.000	.32764	16.006	15.070

#1	-.00170	-.00033	313.04	.00029	.00039	12.636	.00078	.17304
#2	-.00052	-.00019	313.73	-.00009	.00017	12.578	.00062	.13971

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.192	.18591	-.00994	.00025	.00713	.0161	.24335	4.0296
Stddev	.063	.00154	.00008	.00197	.00237	.0006	.00013	.4281
%RSD	.22449	.82699	.80127	799.75	33.317	3.523	.05421	10.623

#1	28.236	.18699	-.00989	-.00115	.00545	.0165	.24345	3.7269
#2	28.147	.18482	-.01000	.00164	.00881	.0157	.24326	4.3323

Sample Name: J5133-01LX5 Acquired: 10/1/2018 18:11:40 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4684
Stddev	.0521
%RSD	3.5459

#1	1.4315
#2	1.5052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.1	60454.	4505.3	101.45	3947.3
Stddev	3.9	183.	4.3	.04	11.0
%RSD	.13222	.30291	.09441	.04244	.27789

#1	2972.9	60583.	4508.3	101.42	3955.0
#2	2967.3	60325.	4502.3	101.48	3939.5

Sample Name: J5133-01MS Acquired: 10/1/2018 18:15:46 Type: Unk
Method: P4-ICP2(v2468) 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	.83938	1.8932	.96877	2.1087	.81071	2.0905	.20875	.21294	.19900
Stddev	.00323	.0039	.00499	.0030	.00030	.0264	.01208	.00209	.00024
%RSD	.38467	.20678	.51502	.14221	.03690	1.2650	5.7873	.98254	.12191

#1	.83710	1.8905	.96524	2.1066	.81092	2.0718	.20021	.21147	.19883
#2	.84166	1.8960	.97229	2.1108	.81050	2.1092	.21730	.21442	.19917

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.024	.37953	.19405	.27786	2.7025	.20364	175.16	.47849	.07444
Stddev	4.325	.00245	.00110	.00070	.2238	.00150	9.35	.00171	.00089
%RSD	6.0896	.64632	.56448	.25246	8.2813	.73774	5.3360	.35649	1.1915

#1	67.965	.37780	.19327	.27737	2.5442	.20257	168.55	.47728	.07507
#2	74.082	.38127	.19482	.27836	2.8607	.20470	181.77	.47969	.07382

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	1200.0	.29943	.18613	67.818	.39745	.86562	142.28	1.6582	.64581
Stddev	46.5	.00196	.01274	4.093	.00135	.05662	.33	.0962	.00468
%RSD	3.8771	.65518	6.8424	6.0358	.33932	6.5406	.22939	5.8002	.72510

#1	1167.1	.29804	.17713	64.923	.39649	.82558	142.05	1.5902	.64250
#2	1232.9	.30082	.19514	70.712	.39840	.90565	142.51	1.7262	.64913

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18871	.42163	6.789	1.2684	5.8930	3.1796
Stddev	.01162	.02622	.001	.0739	.3481	.1744
%RSD	6.1562	6.2194	.0191	5.8279	5.9071	5.4845

#1	.18049	.40309	6.790	1.2162	5.6468	3.0563
#2	.19692	.44017	6.789	1.3207	6.1391	3.3029

Sample Name: J5133-01MS Acquired: 10/1/2018 18:15:46 Type: Unk
Method: P4-ICP2(v2468) 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	2820.5	57198.	4669.6	103.90	3561.8
Stddev	12.9	372.	256.6	7.22	12.9
%RSD	.45693	.64954	5.4948	6.9481	.36170
#1	2829.6	57460.	4851.0	109.00	3571.0
#2	2811.4	56935.	4488.2	98.791	3552.7

Sample Name: J5133-01MSD Acquired: 10/1/2018 18:19:39 Type: Unk
Method: P4-ICP2(v2468) 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	.84187	1.9071	.97422	2.1284	.81698	1.9657	.21645	.19978	.20055
Stddev	.00331	.0161	.00576	.0031	.00020	.1496	.00009	.01662	.00097
%RSD	.39355	.84424	.59156	.14674	.02392	7.6128	.04154	8.3176	.48218
#1	.83953	1.9185	.97830	2.1262	.81684	2.0715	.21639	.21153	.20123
#2	.84421	1.8957	.97015	2.1306	.81712	1.8599	.21651	.18803	.19987
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	72.948	.35570	.19478	.27875	2.7787	.19085	179.94	.48253	.07046
Stddev	.028	.02886	.00034	.00047	.0467	.01613	.10	.00092	.00530
%RSD	.03779	8.1145	.17700	.16925	1.6820	8.4514	.05568	.19124	7.5163
#1	72.968	.37610	.19502	.27908	2.7457	.20225	179.87	.48318	.07420
#2	72.929	.33529	.19454	.27841	2.8118	.17944	180.01	.48187	.06671
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	1204.4	.28080	.19367	70.242	.40029	.89882	144.08	1.6948	.65196
Stddev	14.1	.02484	.00306	.017	.00074	.00410	.82	.0029	.00329
%RSD	1.1722	8.8466	1.5825	.02451	.18397	.45607	.56922	.16826	.50441
#1	1214.4	.29837	.19150	70.229	.39977	.89592	144.66	1.6928	.65429
#2	1194.4	.26324	.19583	70.254	.40082	.90171	143.50	1.6968	.64964
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19394	.43172	6.849	1.3037	4.9483	3.1661			
Stddev	.00108	.00085	.023	.0021	1.1843	.0609			
%RSD	.55807	.19734	.3304	.16037	23.934	1.9245			
#1	.19317	.43233	6.865	1.3052	5.7858	3.2092			
#2	.19470	.43112	6.833	1.3023	4.1109	3.1230			

Sample Name: J5133-01MSD Acquired: 10/1/2018 18:19:39 Type: Unk
Method: P4-ICP2(v2468) 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	2797.8	60360.	4503.1	99.663	3528.4
Stddev	2.5	4782.	4.6	1.263	17.7
%RSD	.09061	7.9223	.10274	1.2675	.50113
#1	2796.0	56979.	4506.4	100.56	3515.9
#2	2799.6	63742.	4499.9	98.770	3540.9

Sample Name: J5133-01A Acquired: 10/1/2018 18:23:31 Type: Unk
Method: P4-ICP2(v2468) 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	.84315	1.8879	.96599	2.1315	.81348	2.0930	.21489	.21238	.19875
Stddev	.00027	.0013	.00666	.0072	.00151	.0169	.00060	.00069	.00029
%RSD	.03156	.06790	.68953	.33725	.18536	.80538	.28085	.32391	.14836
#1	.84296	1.8888	.97070	2.1264	.81241	2.1050	.21446	.21190	.19896
#2	.84333	1.8870	.96128	2.1366	.81455	2.0811	.21531	.21287	.19854
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	72.325	.37533	.19318	.27731	2.8041	.20225	177.68	.47818	.07445
Stddev	.523	.00333	.00039	.00050	.0471	.00007	.05	.00138	.00004
%RSD	.72379	.88724	.20332	.17872	1.6808	.03461	.02747	.28900	.04705
#1	71.955	.37298	.19346	.27696	2.8374	.20230	177.65	.47916	.07442
#2	72.695	.37769	.19290	.27766	2.7708	.20220	177.72	.47721	.07447
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	1153.8	.29784	.19548	70.168	.39685	.89600	143.26	1.6836	.64244
Stddev	27.4	.00064	.00137	.521	.00090	.00806	.85	.0174	.00079
%RSD	2.3750	.21516	.70244	.74224	.22630	.89985	.59559	1.0352	.12237
#1	1173.2	.29829	.19645	69.799	.39622	.89030	143.86	1.6713	.64300
#2	1134.4	.29738	.19451	70.536	.39749	.90170	142.65	1.6959	.64189
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19252	.43375	6.773	1.2938	5.8622	3.0250			
Stddev	.00049	.00547	.013	.0120	.1238	.0966			
%RSD	.25674	1.2621	.1919	.92811	2.1124	3.1923			
#1	.19217	.42988	6.764	1.2853	5.7747	3.0933			
#2	.19287	.43762	6.782	1.3023	5.9498	2.9567			

Sample Name: J5133-01A Acquired: 10/1/2018 18:23:31 Type: Unk
Method: P4-ICP2(v2468) 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	2801.1	56911.	4548.6	98.284	3542.2
Stddev	8.9	4.	39.3	1.238	26.9
%RSD	.31785	.00737	.86331	1.2592	.75890
#1	2794.8	56914.	4576.4	97.409	3523.2
#2	2807.4	56908.	4520.8	99.160	3561.2

Sample Name: J5133-19 Acquired: 10/1/2018 18:27:24 Type: Unk
Method: P4-ICP2(v2468) 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	.00462	.00253	.00269	.00320	.00023	-.03670	.02072	.00004
Stddev	.00235	.00053	.00022	.00302	.00109	.01670	.00073	.00006
%RSD	50.807	20.855	8.0684	94.417	465.84	45.498	3.5037	151.15

#1	.00628	.00291	.00253	.00106	-.00054	-.04850	.02123	-.00000
#2	.00296	.00216	.00284	.00533	.00101	-.02489	.02020	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	95.931	-.00129	-.00040	.00161	-.03024	.00701	257.06
Stddev	.00000	.265	.00070	.00014	.00003	.00195	.00004	.63
%RSD	2.7323	.27592	54.378	34.050	1.9319	6.4477	.52493	.24571

#1	-.00011	95.744	-.00179	-.00030	.00163	-.02886	.00704	256.62
#2	-.00011	96.118	-.00079	-.00050	.00158	-.03162	.00699	257.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00328	-.00069	1512.6	.00121	.00084	89.914	.00267	.90673
Stddev	.00007	.00006	19.6	.00081	.00014	.738	.00003	.01027
%RSD	2.0068	8.3809	1.2988	66.724	16.186	.82048	1.0407	1.1325

#1	-.00332	-.00065	1498.7	.00064	.00074	89.392	.00269	.91399
#2	-.00323	-.00073	1526.5	.00178	.00094	90.436	.00265	.89947

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	217.87	.90331	-.08020	-.00096	.07345	.1062	1.5995	6.4751
Stddev	3.21	.00490	.00033	.00124	.00727	.0016	.0078	.1621
%RSD	1.4753	.54205	.40718	129.48	9.8961	1.472	.48836	2.5028

#1	215.59	.89985	-.07996	-.00008	.07859	.1051	1.5940	6.5897
#2	220.14	.90678	-.08043	-.00183	.06831	.1073	1.6051	6.3605

Sample Name: J5133-19 Acquired: 10/1/2018 18:27:24 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9928
Stddev	.0982
%RSD	3.2827

#1	3.0622
#2	2.9233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.3	54180.	4413.6	94.677	3288.8
Stddev	27.7	489.	11.9	1.360	41.4
%RSD	1.0512	.90241	.26969	1.4368	1.2585

#1	2654.9	53834.	4422.0	95.638	3318.1
#2	2615.7	54525.	4405.2	93.715	3259.6

Sample Name: J5133-20 Acquired: 10/1/2018 18:31:30 Type: Unk
Method: P4-ICP2(v2468) 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	.00561	.00258	.00125	.00725	-.00344	-.03438	.02107	.00018
Stddev	.00389	.00226	.00036	.00161	.00273	.00321	.00129	.00007
%RSD	69.351	87.857	28.728	22.257	79.337	9.3478	6.1263	39.541

#1	.00836	.00098	.00150	.00839	-.00151	-.03666	.02016	.00013
#2	.00286	.00418	.00099	.00611	-.00538	-.03211	.02198	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	79.296	-.00077	-.00014	.00133	-.02547	.00748	197.35
Stddev	.00005	2.967	.00028	.00000	.00017	.01049	.00002	7.32
%RSD	20.853	3.7412	36.110	2.3132	12.888	41.203	.28910	3.7067

#1	-.00027	77.198	-.00096	-.00014	.00120	-.03289	.00747	192.18
#2	-.00020	81.393	-.00057	-.00014	.00145	-.01805	.00750	202.53

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00194	-.00058	1246.5	.00067	.00073	68.304	.00198	.70078
Stddev	.00017	.00025	22.5	.00036	.00012	2.633	.00061	.01200
%RSD	8.9852	44.014	1.8031	54.050	16.410	3.8551	30.837	1.7122

#1	-.00181	-.00076	1230.6	.00093	.00065	66.443	.00242	.69229
#2	-.00206	-.00040	1262.4	.00042	.00082	70.166	.00155	.70926

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.52	.88430	-.05766	.00012	.05447	.0925	1.2482	6.4536
Stddev	.85	.01903	.00090	.00275	.00165	.0015	.0491	.2000
%RSD	.54106	2.1516	1.5584	2303.6	3.0323	1.611	3.9355	3.0997

#1	157.12	.87084	-.05829	.00206	.05330	.0935	1.2135	6.3121
#2	155.92	.89775	-.05702	-.00182	.05563	.0914	1.2830	6.5950

Sample Name: J5133-20 Acquired: 10/1/2018 18:31:30 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8669
 Stddev .2301
 %RSD 8.0248

#1 2.7043
 #2 3.0296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.6	54440.	4388.0	95.051	3502.4
Stddev	3.8	441.	141.7	4.173	12.3
%RSD	.13613	.80965	3.2292	4.3898	.35248

#1	2775.3	54752.	4488.2	98.002	3493.7
#2	2770.0	54129.	4287.8	92.101	3511.1

Sample Name: J5083-01DLX10 Acquired: 10/1/2018 18:35:36 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKA-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.00329	.05202	-.00212	-.00131	.04563	.02258	-.00005
Stddev	.00008	.00098	.00146	.00647	.00103	.00869	.00095	.00001
%RSD	7.6712	29.830	2.8123	304.82	78.383	19.039	4.2029	30.173

#1	.00114	.00399	.05098	.00245	-.00059	.05177	.02191	-.00004
#2	.00102	.00260	.05305	-.00670	-.00204	.03949	.02325	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00343	1.1751	.43035	.00843	19.536	21.531	.11770	.42728
Stddev	.00014	.0031	.00378	.00011	.033	.352	.00010	.04098
%RSD	4.0172	.26242	.87850	1.3118	.16688	1.6360	.08783	9.5915

#1	-.00352	1.1729	.42768	.00835	19.513	21.780	.11763	.45626
#2	-.00333	1.1773	.43302	.00851	19.559	21.282	.11777	.39831

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.302	.00041	251.70	.00096	.40446	116.82	.00711	4.9852
Stddev	.029	.00014	.13	.00014	.00601	.07	.00006	.0403
%RSD	.16986	32.947	.05119	14.889	1.4861	.06294	.77837	.80768

#1	17.322	.00032	251.61	.00086	.40871	116.77	.00707	4.9567
#2	17.281	.00051	251.79	.00107	.40021	116.87	.00715	5.0137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	207.30	2.4097	-.06833	.01678	.00668	4.807	.02318	2.0882
Stddev	.20	.0250	.00061	.00077	.00125	.007	.00006	.0339
%RSD	.09426	1.0362	.89446	4.6033	18.651	.1411	.26152	1.6221

#1	207.44	2.3921	-.06876	.01733	.00756	4.802	.02322	2.1122
#2	207.16	2.4274	-.06790	.01624	.00580	4.812	.02313	2.0643

Sample Name: J5083-01DLX10 Acquired: 10/1/2018 18:35:36 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TKA-092518 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.7478
Stddev	.2624
%RSD	3.3864

#1	7.5622
#2	7.9333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.2	61115.	4569.7	99.327	3902.3
Stddev	2.4	66.	10.4	1.110	5.6
%RSD	.08122	.10745	.22835	1.1178	.14419

#1	2967.9	61069.	4577.0	98.542	3898.3
#2	2964.5	61162.	4562.3	100.11	3906.2

Sample Name: J5083-03DLX10 Acquired: 10/1/2018 18:39:38 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKB-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00052	.04722	.00115	-.00377	.15500	.04213	.00005
Stddev	.00114	.00104	.00132	.00452	.00102	.01022	.00017	.00003
%RSD	161.61	200.76	2.8058	393.42	27.010	6.5937	.40733	64.971
#1	-.00151	.00022	.04815	.00434	-.00450	.14777	.04225	.00007
#2	.00010	-.00125	.04628	-.00205	-.00305	.16222	.04200	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	1.5814	.58510	.02983	16.701	10.276	.10092	.48144
Stddev	.00003	.0105	.00010	.00018	.001	.012	.00057	.02751
%RSD	1.4429	.66352	.01679	.58842	.00770	.11474	.56068	5.7150
#1	-.00232	1.5888	.58504	.02996	16.702	10.268	.10052	.50090
#2	-.00236	1.5740	.58517	.02971	16.700	10.284	.10132	.46199
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.608	-.00074	23.085	.00061	1.3890	12.881	.00289	.51647
Stddev	.001	.00034	.045	.00008	.0015	.028	.00002	.01564
%RSD	.00636	46.721	.19609	13.154	.10599	.21976	.82585	3.0284
#1	18.609	-.00098	23.053	.00056	1.3880	12.901	.00287	.52753
#2	18.607	-.00049	23.117	.00067	1.3900	12.861	.00290	.50541
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.931	3.2469	-.00120	.00435	-.00311	2.016	.01550	1.7592
Stddev	.006	.0248	.00055	.00096	.00093	.002	.00003	.1100
%RSD	.04525	.76401	45.750	22.053	29.813	.0944	.20176	6.2551
#1	13.935	3.2294	-.00081	.00503	-.00246	2.017	.01552	1.8370
#2	13.926	3.2645	-.00158	.00367	-.00377	2.014	.01548	1.6814

Sample Name: J5083-03DLX10 Acquired: 10/1/2018 18:39:38 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TKB-092518 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7229
 Stddev .1134
 %RSD 3.0456

#1 3.8031
 #2 3.6427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.9	65178.	4636.8	101.83	4360.7
Stddev	6.3	222.	5.8	.00	8.0
%RSD	.20082	.33985	.12603	.00481	.18286

#1	3141.4	65022.	4632.6	101.83	4355.1
#2	3150.4	65335.	4640.9	101.83	4366.4

Sample Name: PB113390BL Acquired: 10/1/2018 18:43:35 Type: Unk
Method: P4-ICP2(v2468) 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	.00043	.00191	-.00004	.00019	.00040	-.01231	.00272	.00010
Stddev	.00013	.00003	.00007	.00028	.00062	.00359	.00144	.00004
%RSD	30.359	1.7760	192.35	150.20	155.83	29.175	52.818	36.105

#1	.00034	.00188	-.00009	-.00001	.00083	-.01485	.00171	.00008
#2	.00052	.00193	.00001	.00038	-.00004	-.00977	.00374	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00385	-.00014	.00013	-.00041	-.01453	.00006	.00822
Stddev	.00001	.02207	.00021	.00007	.00004	.01300	.00010	.00660
%RSD	15.245	573.17	148.61	53.215	9.1727	89.429	162.81	80.314

#1	.00009	.01175	.00001	.00017	-.00044	-.00534	.00013	.00355
#2	.00011	-.01945	-.00029	.00008	-.00039	-.02373	-.00001	.01289

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00003	.25665	-.00033	.00069	.10589	.00011	.01501
Stddev	.00034	.00025	.00738	.00018	.00000	.00250	.00002	.00228
%RSD	75.742	853.34	2.8749	55.969	.16331	2.3617	22.994	15.167

#1	.00068	.00015	.25144	-.00020	.00069	.10765	.00009	.01340
#2	.00021	-.00020	.26187	-.00046	.00069	.10412	.00012	.01662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01126	-.00614	-.00153	.00185	-.00996	-.0027	-.00022	F 1.7297
Stddev	.00435	.00064	.00032	.00044	.00191	.0005	.00005	.1961
%RSD	38.662	10.456	20.688	24.025	19.215	19.93	22.246	11.339

#1	.01433	-.00659	-.00176	.00154	-.00861	-.0031	-.00018	1.5910
#2	.00818	-.00569	-.00131	.00217	-.01131	-.0023	-.00025	1.8684

Sample Name: PB113390BL Acquired: 10/1/2018 18:43:35 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .52575
Stddev .01780
%RSD 3.3862

#1 .51316
#2 .53834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.0	67012.	4661.0	102.31	4580.4
Stddev	.1	207.	25.3	1.29	2.6
%RSD	.00257	.30823	.54284	1.2592	.05601

#1	3227.1	66866.	4678.9	103.22	4578.5
#2	3227.0	67158.	4643.1	101.40	4582.2

Sample Name: CCV06 Acquired: 10/1/2018 18:47:38 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13926 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7780	4.9642	4.8274	4.8750	4.8907	9.8325	9.8779	.24817
Stddev	.0059	.0060	.0053	.0099	.0042	.3496	.0205	.01090
%RSD	.12327	.12095	.10951	.20327	.08670	3.5559	.20760	4.3902
#1	4.7738	4.9600	4.8237	4.8679	4.8877	10.080	9.8924	.25588
#2	4.7822	4.9685	4.8312	4.8820	4.8937	9.5852	9.8634	.24047
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4237	24.427	.99736	2.3973	1.1973	4.8587	2.5237	23.592
Stddev	.0015	.052	.04717	.0002	.0012	.0917	.1022	.144
%RSD	.06306	.21473	4.7290	.00940	.09589	1.8881	4.0502	.60875
#1	2.4226	24.464	1.0307	2.3971	1.1981	4.7938	2.5960	23.490
#2	2.4247	24.390	.96401	2.3974	1.1965	4.9236	2.4515	23.693
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3950	1.2276	24.344	2.4993	2.4958	24.780	4.9390	4.7056
Stddev	.0029	.0490	.033	.0985	.0473	.128	.0013	.0022
%RSD	.12101	3.9927	.13744	3.9421	1.8952	.51557	.02529	.04638
#1	2.3970	1.2622	24.321	2.5689	2.4624	24.870	4.9381	4.7040
#2	2.3929	1.1929	24.368	2.4296	2.5293	24.689	4.9398	4.7071
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7061	4.7049	4.7979	4.8235	F 6.3568	4.890	4.8820	F 3.4349
Stddev	.0088	.0062	.0083	.0014	.0300	.004	.0090	.2696
%RSD	.18793	.13216	.17206	.02960	.47186	.0800	.18436	7.8488
#1	4.6999	4.7093	4.7920	4.8245	6.3780	4.887	4.8884	3.6256
#2	4.7124	4.7005	4.8037	4.8225	6.3356	4.893	4.8757	3.2443

Sample Name: CCV06 Acquired: 10/1/2018 18:47:38 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13926 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2200
Stddev	.3204
%RSD	14.434

#1	2.4466
#2	1.9935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.6	62606.	4597.7	98.720	4099.2
Stddev	2.7	2234.	20.8	1.788	2.5
%RSD	.08729	3.5677	.45320	1.8112	.06157

#1	3097.7	61027.	4583.0	99.984	4097.5
#2	3101.5	64186.	4612.4	97.456	4101.0

Sample Name: CCB06 Acquired: 10/1/2018 18:51:23 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13926 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	.00377	.00086	.00083	.00019	-.00515	.00185
Stddev	.00263	.00181	.00039	.00159	.00131	.00079	.00095
%RSD	325.92	47.907	45.669	192.33	701.34	15.349	51.301

#1	-.00266	.00505	.00058	.00195	.00111	-.00459	.00252
#2	.00105	.00249	.00114	-.00030	-.00074	-.00571	.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00001	.00153	-.00041	-.00011	-.00034	.00429
Stddev	.00003	.00006	.01004	.00018	.00025	.00029	.00072
%RSD	31.761	1123.3	654.85	43.542	215.42	85.765	16.866

#1	.00006	-.00005	.00864	-.00054	-.00029	-.00054	.00378
#2	.00010	.00004	-.00557	-.00029	.00006	-.00013	.00480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.02136	.00038	-.00048	.06911	-.00035	.00073
Stddev	.00006	.02104	.00028	.00072	.01898	.00039	.00009
%RSD	68.561	98.472	72.842	151.19	27.470	113.95	12.262

#1	.00013	-.00649	.00019	-.00099	.05569	-.00062	.00067
#2	.00004	-.03624	.00058	.00003	.08254	-.00007	.00079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01072	.00062	.01856	F -.02933	-.00299	-.00122	.00020
Stddev	.01492	.00013	.00826	.00472	.00202	.00025	.00098
%RSD	139.21	21.470	44.487	16.093	67.509	20.361	490.54

#1	.02127	.00072	.01272	-.02600	-.00442	-.00104	.00090
#2	.00017	.00053	.02440	-.03267	-.00156	-.00139	-.00049

Sample Name: CCB06 Acquired: 10/1/2018 18:51:23 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13926 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00416	-0.0014	-0.00024	F 1.6414	F .51614
Stddev	.00224	.0001	.00001	.0469	.08347
%RSD	53.804	7.010	2.8078	2.8552	16.172

#1	-0.00258	-0.0015	-0.00025	1.6083	.45712
#2	-0.00574	-0.0013	-0.00024	1.6746	.57516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.8	67120.	4621.6	102.34	4587.1
Stddev	.5	132.	4.9	1.45	3.0
%RSD	.01608	.19715	.10620	1.4164	.06629

#1	3232.4	67026.	4625.1	103.36	4584.9
#2	3233.1	67214.	4618.2	101.31	4589.2

Sample Name: PB113390BS Acquired: 10/1/2018 18:55:28 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74297	2.0047	.95118	1.9338	.73872	1.8261	.20015
Stddev	.00786	.0141	.01115	.0163	.00725	.0245	.00110
%RSD	1.0579	.70286	1.1718	.84476	.98123	1.3397	.54721

#1	.73741	1.9947	.94330	1.9223	.73359	1.8088	.20093
#2	.74853	2.0147	.95906	1.9454	.74384	1.8434	.19938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18930	.18993	.99121	.37913	.18745	.29145	2.8382
Stddev	.00022	.00178	.02092	.00008	.00179	.00107	.0121
%RSD	.11398	.93921	2.1106	.02090	.95276	.36742	.42688

#1	.18945	.18867	.97642	.37918	.18618	.29069	2.8296
#2	.18914	.19119	1.0060	.37907	.18871	.29221	2.8468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20051	1.9499	.47121	.06787	3.0123	.28658	.20050
Stddev	.00028	.0035	.00489	.00036	.0040	.00055	.00302
%RSD	.13825	.18080	1.0387	.53254	.13159	.19154	1.5067

#1	.20031	1.9474	.46775	.06761	3.0151	.28697	.19836
#2	.20070	1.9524	.47467	.06812	3.0095	.28620	.20264

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.024	.38751	.28418	F -.04480	.88505	.64306	.19117
Stddev	.050	.00163	.01483	.00323	.00294	.00391	.00185
%RSD	.50013	.42137	5.2176	7.2202	.33240	.60793	.96540

#1	10.059	.38636	.27370	-.04251	.88713	.64030	.18987
#2	9.9881	.38867	.29467	-.04708	.88297	.64583	.19248

Sample Name: PB113390BS Acquired: 10/1/2018 18:55:28 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .38023	5.307	.18988	F 1.5756	F .55262
Stddev	.00124	.047	.00112	.0534	.19367
%RSD	.32697	.8777	.59192	3.3913	35.045

#1	.38111	5.274	.19068	1.5378	.41568
#2	.37935	5.340	.18909	1.6134	.68957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.5	66158.	4582.5	102.20	4455.0
Stddev	5.0	60.	10.1	1.02	22.1
%RSD	.15670	.09073	.22147	1.0001	.49575

#1	3207.1	66201.	4575.3	102.92	4470.6
#2	3200.0	66116.	4589.7	101.48	4439.4

Sample Name: PB113390TB Acquired: 10/1/2018 18:59:18 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113390TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00384	.00088	.00041	.00448	.00072	-.00910	.00082	.00003
Stddev	.00033	.00093	.00041	.00502	.00149	.00430	.00029	.00005
%RSD	8.4749	105.08	99.145	112.18	206.89	47.183	35.667	161.99

#1	-.00407	.00154	.00069	.00093	.00178	-.01214	.00062	.00007
#2	-.00361	.00023	.00012	.00803	-.00033	-.00607	.00103	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00149	.00069	-.00012	.00026	-.01566	.00019	-.00417
Stddev	.00002	.00841	.00030	.00031	.00013	.00179	.00002	.02730
%RSD	70.631	563.62	44.300	263.03	51.561	11.441	11.432	654.49

#1	-.00005	-.00445	.00090	.00010	.00035	-.01439	.00020	.01513
#2	-.00002	.00744	.00047	-.00033	.00016	-.01692	.00017	-.02347

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00071	F 293.90	-.00048	.00401	.12245	-.00004	.00084
Stddev	.00007	.00008	.46	.00007	.00002	.04595	.00016	.01021
%RSD	11.119	11.691	.15528	15.431	.60299	37.525	406.57	1210.8

#1	.00063	-.00077	294.23	-.00043	.00403	.15494	.00007	-.00638
#2	.00054	-.00065	293.58	-.00053	.00399	.08996	-.00015	.00806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03863	.00048	.00033	.00212	-.00501	-.0034	-.00026	F 2.8119
Stddev	.00017	.00344	.00015	.00035	.00165	.0000	.00004	.2227
%RSD	.43953	723.61	44.676	16.291	32.878	1.353	14.059	7.9191

#1	-.03875	-.00196	.00023	.00237	-.00618	-.0035	-.00029	2.6544
#2	-.03851	.00291	.00044	.00188	-.00385	-.0034	-.00024	2.9693

Sample Name: PB113390TB Acquired: 10/1/2018 18:59:18 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113390TB Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8514
Stddev	.2257
%RSD	12.193

#1	1.6918
#2	2.0110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3031.2	62156.	4555.8	98.623	4030.4
Stddev	13.9	187.	32.3	.217	10.3
%RSD	.45692	.30085	.71001	.22052	.25630

#1	3021.4	62024.	4532.9	98.470	4023.1
#2	3041.0	62289.	4578.7	98.777	4037.7

Sample Name: J4780-04 Acquired: 10/1/2018 19:03:29 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.00046	.00194	.00345	-.00097	.11624	.16125	.00021
Stddev	.00124	.00044	.00174	.00367	.00330	.01456	.00092	.00004
%RSD	83.455	95.585	89.971	106.36	341.33	12.529	.56917	18.616

#1	-.00237	.00077	.00070	.00085	.00137	.12653	.16060	.00024
#2	-.00061	.00015	.00317	.00604	-.00330	.10594	.16190	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	8.8461	.00007	.00531	.00500	.04477	.48833	2.7936
Stddev	.00002	.0653	.00012	.00007	.00009	.00617	.00014	.0018
%RSD	12.690	.73856	171.08	1.4047	1.8211	13.782	.02904	.06438

#1	.00015	8.7999	-.00002	.00525	.00494	.04040	.48843	2.7948
#2	.00013	8.8923	.00016	.00536	.00507	.04913	.48823	2.7923

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	-.00075	241.39	-.00037	.03184	.76392	-.00011	.03073
Stddev	.00023	.00054	.42	.00016	.00090	.02174	.00004	.00678
%RSD	15.319	72.012	.17219	43.668	2.8419	2.8454	37.921	22.063

#1	.00168	-.00113	241.69	-.00049	.03120	.74855	-.00008	.03553
#2	.00135	-.00037	241.10	-.00026	.03248	.77929	-.00014	.02594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13790	.64128	.00021	.00170	-.00405	.0009	.04047	2.9547
Stddev	.00137	.00801	.00018	.00115	.00220	.0008	.00007	.1814
%RSD	.99239	1.2497	85.655	67.754	54.308	82.91	.17926	6.1383

#1	.13887	.63561	.00034	.00089	-.00561	.0004	.04042	2.8265
#2	.13693	.64694	.00008	.00252	-.00250	.0015	.04052	3.0830

Sample Name: J4780-04 Acquired: 10/1/2018 19:03:29 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5847
 Stddev .3637
 %RSD 22.950

#1 1.3275
 #2 1.8418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.2	63248.	4589.9	97.599	4074.7
Stddev	.8	148.	42.0	2.184	1.2
%RSD	.02560	.23395	.91398	2.2377	.03028

#1	3077.6	63143.	4619.6	99.143	4075.6
#2	3078.8	63352.	4560.2	96.055	4073.8

Sample Name: J4780-04DUP Acquired: 10/1/2018 19:07:38 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	.00110	.00227	.00315	.00059	.12505	.16060	.00019
Stddev	.00354	.00035	.00055	.00032	.00083	.00066	.00186	.00011
%RSD	147.36	31.437	24.143	10.272	139.27	.52516	1.1553	57.334

#1	.00010	.00086	.00266	.00293	.00118	.12459	.16191	.00011
#2	-.00490	.00135	.00188	.00338	.00001	.12552	.15929	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	8.7573	.00021	.00542	.00450	.03122	.48849	2.7594
Stddev	.00000	.0212	.00017	.00027	.00035	.00071	.00001	.0189
%RSD	.18967	.24176	81.029	4.9017	7.6911	2.2688	.00194	.68422

#1	.00012	8.7723	.00033	.00523	.00425	.03072	.48850	2.7728
#2	.00012	8.7423	.00009	.00561	.00474	.03172	.48848	2.7461

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00070	235.76	-.00046	.03960	.74148	.00008	.02617
Stddev	.00011	.00043	.18	.00069	.00617	.00605	.00012	.00971
%RSD	5.6810	60.730	.07825	150.63	15.571	.81537	163.93	37.082

#1	.00179	-.00040	235.63	.00003	.03524	.74576	.00016	.01931
#2	.00194	-.00101	235.89	-.00095	.04396	.73721	-.00001	.03304

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13768	.62881	-.00063	.00277	-.00481	.0004	.04005	3.0002
Stddev	.00503	.00165	.00060	.00086	.00046	.0005	.00013	.0848
%RSD	3.6550	.26223	94.516	30.924	9.4892	116.5	.32140	2.8278

#1	.13412	.62997	-.00021	.00217	-.00449	.0008	.04014	2.9402
#2	.14124	.62764	-.00105	.00338	-.00513	.0001	.03995	3.0602

Sample Name: J4780-04DUP Acquired: 10/1/2018 19:07:38 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-092818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3766
Stddev	.3743
%RSD	27.191

#1	1.6412
#2	1.1119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.3	63034.	4639.0	99.633	4066.2
Stddev	10.6	164.	11.8	1.043	11.7
%RSD	.34364	.26036	.25345	1.0474	.28661

#1	3066.8	62918.	4630.6	98.895	4074.5
#2	3081.7	63150.	4647.3	100.37	4058.0

Sample Name: J4780-04LX5 Acquired: 10/1/2018 19:11:45 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	.00160	.00099	.00020	-.00108	.00389	.03359	.00010
Stddev	.00113	.00001	.00002	.00175	.00025	.00530	.00064	.00001
%RSD	55.453	.78258	1.6580	884.37	22.618	136.16	1.9167	13.131

#1	-.00123	.00160	.00098	.00144	-.00126	.00014	.03314	.00010
#2	-.00283	.00159	.00101	-.00104	-.00091	.00764	.03405	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	1.7935	.00305	.00126	.00080	.01678	.10056	.52474
Stddev	.00004	.0042	.00015	.00005	.00014	.00812	.00023	.02895
%RSD	1015.5	.23593	4.7728	4.1251	17.617	48.383	.23246	5.5170

#1	-.00002	1.7965	.00295	.00129	.00090	.01104	.10072	.54521
#2	.00003	1.7905	.00315	.00122	.00070	.02252	.10039	.50427

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00043	49.731	-.00067	.00683	.18614	.00045	.01859
Stddev	.00052	.00015	.486	.00043	.00004	.06799	.00017	.00945
%RSD	34.461	35.203	.97636	63.068	.62224	36.528	37.930	50.828

#1	.00186	-.00054	49.388	-.00037	.00686	.13806	.00033	.02527
#2	.00113	-.00033	50.074	-.00098	.00680	.23422	.00058	.01191

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01351	.13470	-.00094	.00069	-.00696	-.0023	.00814	1.8105
Stddev	.00026	.00362	.00100	.00156	.00065	.0015	.00002	.2719
%RSD	1.9422	2.6850	107.05	225.61	9.3051	65.06	.22541	15.016

#1	-.01370	.13215	-.00023	-.00041	-.00650	-.0013	.00815	2.0027
#2	-.01333	.13726	-.00164	.00179	-.00742	-.0034	.00812	1.6182

Sample Name: J4780-04LX5 Acquired: 10/1/2018 19:11:45 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.70975
Stddev	.41586
%RSD	58.592

#1	1.0038
#2	.41570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.0	65516.	4627.0	99.553	4297.1
Stddev	29.9	229.	23.5	.506	33.8
%RSD	.95177	.34910	.50803	.50819	.78678

#1	3122.8	65355.	4643.6	99.195	4273.2
#2	3165.2	65678.	4610.4	99.911	4321.0

Sample Name: J4780-04MS Acquired: 10/1/2018 19:15:49 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 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	.76751	1.9290	.95661	1.9686	.75045	2.0243	.35513	.19084	.19601
Stddev	.00512	.0116	.00958	.0135	.00934	.0071	.00046	.00080	.00080
%RSD	.66684	.60359	1.0009	.68429	1.2440	.35273	.12872	.41811	.40720

#1	.76390	1.9208	.94984	1.9590	.74385	2.0192	.35545	.19140	.19545
#2	.77113	1.9372	.96338	1.9781	.75705	2.0293	.35481	.19027	.19658

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5978	.38428	.19673	.28527	2.9297	.67678	4.5681	.47926	.06823
Stddev	.0051	.00096	.00132	.00267	.0157	.00159	.0420	.00363	.00084
%RSD	.05273	.24960	.67311	.93530	.53586	.23493	.91941	.75768	1.2310

#1	9.5942	.38496	.19580	.28338	2.9186	.67791	4.5384	.47669	.06883
#2	9.6014	.38361	.19767	.28715	2.9408	.67566	4.5978	.48183	.06764

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	240.28	.29727	.22455	10.539	.40337	.29882	.11888	1.4883	.66960
Stddev	.05	.00154	.00053	.035	.00324	.00615	.00434	.0024	.00099
%RSD	.01949	.51763	.23386	.32925	.80296	2.0565	3.6540	.16021	.14759

#1	240.25	.29836	.22417	10.564	.40108	.30317	.11581	1.4866	.66890
#2	240.32	.29618	.22492	10.515	.40566	.29448	.12196	1.4899	.67030

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19918	.36972	5.782	.22692	2.7851	1.6050
Stddev	.00008	.00071	.034	.00066	.2849	.2765
%RSD	.04210	.19157	.5840	.28974	10.231	17.228

#1	.19912	.37022	5.758	.22739	2.9865	1.4095
#2	.19924	.36922	5.806	.22646	2.5836	1.8005

Sample Name: J4780-04MS Acquired: 10/1/2018 19:15:49 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 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	3074.3	62836.	4583.0	99.590	4071.1
Stddev	17.3	155.	13.8	.115	20.2
%RSD	.56334	.24623	.30012	.11595	.49634
#1	3086.6	62726.	4573.3	99.672	4085.4
#2	3062.1	62945.	4592.8	99.509	4056.8

Sample Name: J4780-04MSD Acquired: 10/1/2018 19:19:43 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-092818 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	.78078	1.9391	.96638	1.9974	.76013	2.0628	.35624	.19058	.19782
Stddev	.00450	.0066	.00610	.0016	.00234	.0126	.00055	.00011	.00088
%RSD	.57589	.33922	.63170	.08060	.30843	.60988	.15507	.05787	.44290

#1	.77760	1.9344	.96206	1.9963	.75847	2.0539	.35585	.19066	.19720
#2	.78396	1.9437	.97070	1.9985	.76178	2.0717	.35664	.19050	.19844

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7125	.38467	.19862	.28769	2.9064	.67844	4.7167	.48531	.06773
Stddev	.0652	.00116	.00102	.00047	.0241	.00085	.0963	.00281	.00015
%RSD	.67137	.30039	.51186	.16303	.82953	.12509	2.0410	.57801	.21457

#1	9.7587	.38386	.19791	.28736	2.9235	.67784	4.7848	.48332	.06784
#2	9.6664	.38549	.19934	.28802	2.8894	.67904	4.6486	.48729	.06763

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	237.31	.29720	.22184	10.670	.40577	.31030	.11905	1.4921	.68074
Stddev	1.93	.00004	.00193	.021	.00059	.00837	.00043	.0101	.00828
%RSD	.81454	.01195	.87001	.19712	.14640	2.6961	.36501	.67655	1.2170

#1	238.68	.29723	.22321	10.655	.40535	.31622	.11936	1.4992	.67488
#2	235.95	.29718	.22048	10.685	.40619	.30439	.11874	1.4849	.68659

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20025	.37389	5.893	.22783	2.9586	2.2009
Stddev	.00225	.00085	.038	.00029	.2132	.0192
%RSD	1.1237	.22655	.6413	.12859	7.2048	.87417

#1	.20184	.37329	5.866	.22804	2.8079	2.2145
#2	.19866	.37449	5.920	.22762	3.1094	2.1873

Sample Name: J4780-04MSD Acquired: 10/1/2018 19:19:43 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-092818 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	3060.8	63083.	4608.5	101.03	4032.6
Stddev	5.3	98.	13.8	1.17	2.0
%RSD	.17347	.15513	.29871	1.1596	.04839
#1	3057.0	63152.	4598.8	100.20	4034.0
#2	3064.5	63014.	4618.3	101.86	4031.2

Sample Name: J4780-04A Acquired: 10/1/2018 19:23:37 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7517 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	.77653	1.9483	.96400	1.9827	.75260	2.0061	.35685	.18972	.19751
Stddev	.00365	.0103	.00004	.0080	.00440	.0114	.00049	.00028	.00037
%RSD	.46971	.52900	.00384	.40262	.58417	.56986	.13595	.14718	.18823

#1	.77396	1.9556	.96403	1.9770	.74949	1.9980	.35719	.18952	.19778
#2	.77911	1.9410	.96397	1.9883	.75571	2.0142	.35650	.18992	.19725

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6847	.38213	.19817	.28620	2.9206	.67466	4.6323	.48182	.06756
Stddev	.0130	.00029	.00001	.00192	.0658	.00037	.0089	.00099	.00019
%RSD	.13372	.07519	.00492	.67170	2.2519	.05515	.19282	.20606	.27412

#1	9.6755	.38233	.19817	.28484	2.9672	.67439	4.6260	.48252	.06743
#2	9.6938	.38192	.19816	.28756	2.8741	.67492	4.6387	.48112	.06769

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	238.59	.29529	.22630	10.637	.40423	.29262	.11431	1.5077	.67719
Stddev	4.66	.00025	.00657	.012	.00057	.00606	.00108	.0067	.00004
%RSD	1.9549	.08560	2.9017	.10922	.14028	2.0726	.94083	.44268	.00644

#1	241.88	.29547	.23095	10.646	.40383	.29691	.11355	1.5124	.67722
#2	235.29	.29511	.22166	10.629	.40463	.28834	.11507	1.5030	.67716

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19861	.36956	5.853	.22807	2.8456	2.0234
Stddev	.00337	.00944	.017	.00132	.1001	.2966
%RSD	1.6975	2.5549	.2976	.58025	3.5185	14.660

#1	.19623	.36288	5.865	.22900	2.9164	1.8136
#2	.20099	.37624	5.840	.22713	2.7748	2.2331

Sample Name: J4780-04A Acquired: 10/1/2018 19:23:37 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7517 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	3075.2	63473.	4571.4	99.218	4049.4
Stddev	4.2	240.	43.3	2.892	10.1
%RSD	.13577	.37836	.94686	2.9145	.24968
#1	3072.3	63303.	4540.8	97.173	4042.3
#2	3078.2	63643.	4602.0	101.26	4056.5

Sample Name: J5154-03 Acquired: 10/1/2018 19:27:31 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.00002	.00067	.00380	.00100	.12374	.06226	.00018
Stddev	.00080	.00130	.00034	.00294	.00021	.01366	.00014	.00005
%RSD	186.96	5325.1	50.962	77.257	21.130	11.038	.22556	28.189

#1	-.00014	.00089	.00092	.00588	.00085	.13340	.06216	.00014
#2	.00100	-.00094	.00043	.00172	.00115	.11408	.06235	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	8.1560	.00069	.00096	.00430	1.1320	.11089	.17044
Stddev	.00003	.0544	.00068	.00001	.00014	.0257	.00051	.00724
%RSD	77.358	.66692	97.911	1.4927	3.2589	2.2734	.46316	4.2489

#1	-.00006	8.1175	.00021	.00095	.00420	1.1502	.11125	.16532
#2	-.00002	8.1945	.00117	.00097	.00440	1.1138	.11053	.17556

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	-.00069	222.17	-.00073	.06381	1.9334	.00011	.01420
Stddev	.00036	.00092	.30	.00007	.00194	.0155	.00033	.01181
%RSD	30.941	134.76	.13395	9.7129	3.0470	.80030	293.97	83.229

#1	.00092	-.00134	222.38	-.00078	.06519	1.9443	.00035	.02255
#2	.00143	-.00003	221.96	-.00068	.06244	1.9225	-.00012	.00584

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	.43968	.00050	.00080	-.00324	-.0006	.01202	2.5760
Stddev	.00096	.00155	.00035	.00129	.00647	.0001	.00000	.0124
%RSD	78.720	.35282	69.359	161.84	199.36	9.471	.01169	.48010

#1	-.00054	.43858	.00026	-.00011	.00133	-.0005	.01202	2.5673
#2	-.00191	.44077	.00075	.00171	-.00782	-.0006	.01203	2.5848

Sample Name: J5154-03 Acquired: 10/1/2018 19:27:31 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4201
 Stddev .1243
 %RSD 8.7536

#1 1.3322
 #2 1.5080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.7	62919.	4535.7	95.681	4038.7
Stddev	6.3	220.	14.3	2.879	1.2
%RSD	.20711	.35034	.31449	3.0093	.03023

#1	3037.3	62763.	4525.7	93.645	4039.6
#2	3046.2	63075.	4545.8	97.717	4037.8

Sample Name: J5170-06 Acquired: 10/1/2018 19:31:38 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-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	.00102	.00175	.00001	.00666	-.00060	.08640	.07889	.00023
Stddev	.00072	.00034	.00035	.00104	.00089	.01084	.00010	.00000
%RSD	70.887	19.204	3906.6	15.599	147.61	12.544	.12814	.76173

#1	.00153	.00199	-.00024	.00592	-.00123	.09407	.07882	.00023
#2	.00051	.00151	.00025	.00739	.00003	.07874	.07896	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	51.119	-.00036	.00373	.00180	1.7703	.63396	12.227
Stddev	.00006	.100	.00025	.00028	.00005	.0314	.00073	.051
%RSD	59.607	.19653	68.794	7.5718	3.0541	1.7752	.11477	.41592

#1	-.00014	51.048	-.00054	.00393	.00183	1.7925	.63447	12.191
#2	-.00006	51.190	-.00019	.00353	.00176	1.7481	.63344	12.263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02447	-.00076	265.57	-.00070	.04045	1.0039	.00001	.01671
Stddev	.00029	.00005	3.46	.00035	.00032	.0236	.00019	.00925
%RSD	1.1874	6.0975	1.3041	50.289	.79270	2.3527	1353.4	55.383

#1	.02467	-.00079	263.12	-.00045	.04068	1.0206	.00015	.02325
#2	.02426	-.00073	268.02	-.00095	.04023	.98718	-.00012	.01016

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48542	4.1918	.00026	-.00070	.00015	-.0029	.07223	4.4999
Stddev	.01137	.0441	.00015	.00116	.00013	.0004	.00020	.1254
%RSD	2.3425	1.0521	56.416	165.92	87.024	12.60	.27246	2.7862

#1	.47737	4.1606	.00037	-.00152	.00024	-.0027	.07237	4.4113
#2	.49346	4.2230	.00016	.00012	.00006	-.0032	.07209	4.5886

Sample Name: J5170-06 Acquired: 10/1/2018 19:31:38 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2230
Stddev .3439
%RSD 15.468

#1 2.4662
#2 1.9799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.5	61773.	4535.3	97.958	3949.1
Stddev	7.8	240.	26.7	.859	12.4
%RSD	.25949	.38923	.58962	.87740	.31384

#1	2989.0	61603.	4554.2	97.350	3957.8
#2	3000.0	61943.	4516.4	98.566	3940.3

Sample Name: CCV07 Acquired: 10/1/2018 19:43:53 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13927 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8841	5.0174	4.9070	4.9840	4.9909	9.7237	10.038	.24371
Stddev	.0034	.0160	.0028	.0021	.0037	.0161	.084	.00009
%RSD	.07005	.31898	.05687	.04277	.07407	.16596	.83824	.03683
#1	4.8817	5.0287	4.9051	4.9824	4.9883	9.7351	10.097	.24378
#2	4.8865	5.0061	4.9090	4.9855	4.9935	9.7123	9.9780	.24365
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4637	24.657	.97546	2.4433	1.2241	4.9322	2.4804	23.969
Stddev	.0006	.071	.00167	.0018	.0009	.0790	.0044	.085
%RSD	.02231	.28955	.17079	.07464	.07568	1.6007	.17692	.35637
#1	2.4640	24.708	.97428	2.4446	1.2234	4.8764	2.4835	24.029
#2	2.4633	24.607	.97664	2.4420	1.2247	4.9881	2.4773	23.909
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4460	1.2206	25.044	2.4555	2.5748	25.179	5.0317	4.7885
Stddev	.0023	.0020	.161	.0014	.0318	.113	.0134	.0026
%RSD	.09419	.16410	.64207	.05876	1.2353	.45013	.26533	.05454
#1	2.4476	1.2220	25.158	2.4544	2.5523	25.259	5.0223	4.7904
#2	2.4444	1.2192	24.930	2.4565	2.5973	25.099	5.0411	4.7867
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7627	4.7777	4.8747	4.8815	F 6.3134	5.010	4.9214	F 3.3517
Stddev	.0086	.0170	.0087	.0113	.0480	.001	.0662	.3305
%RSD	.18151	.35494	.17808	.23146	.76012	.0282	1.3441	9.8600
#1	4.7688	4.7657	4.8808	4.8894	6.3473	5.009	4.9682	3.5853
#2	4.7566	4.7897	4.8685	4.8735	6.2794	5.011	4.8746	3.1180

Sample Name: CCV07 Acquired: 10/1/2018 19:43:53 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13927 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3206
Stddev .1358
%RSD 5.8497

#1 2.4166
#2 2.2246

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.2	63521.	4546.0	96.206	4033.5
Stddev	.0	391.	9.9	1.090	7.8
%RSD	.00029	.61624	.21805	1.1324	.19341

#1	3052.2	63244.	4538.9	96.976	4028.0
#2	3052.2	63798.	4553.0	95.435	4039.0

Sample Name: CCB07 Acquired: 10/1/2018 19:47:40 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13927 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	.00292	.00008	.00202	.00035	-.00844	.00193
Stddev	.00301	.00140	.00128	.00205	.00186	.00385	.00049
%RSD	337.33	47.805	1652.8	101.18	527.60	45.594	25.246

#1	-.00302	.00391	.00098	.00058	.00166	-.01116	.00227
#2	.00124	.00193	-.00083	.00347	-.00096	-.00572	.00158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00003	-.00876	-.00045	.00005	-.00006	-.00614
Stddev	.00007	.00006	.01724	.00030	.00002	.00014	.00788
%RSD	88.336	176.03	196.65	67.155	28.052	219.94	128.20

#1	.00003	-.00001	.00342	-.00023	.00004	-.00016	-.00057
#2	.00013	.00007	-.02095	-.00066	.00007	.00003	-.01171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.04775	.00016	-.00075	-.01177	-.00029	.00083
Stddev	.00003	.01077	.00022	.00014	.00123	.00012	.00006
%RSD	285.69	22.554	140.71	19.363	10.455	43.309	6.6636

#1	.00003	-.04014	.00000	-.00085	-.01090	-.00020	.00087
#2	-.00001	-.05537	.00032	-.00065	-.01264	-.00038	.00080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02859	.00053	.00964	F -.05801	-.00331	-.00098	.00105
Stddev	.01840	.00015	.00372	.00142	.00128	.00030	.00144
%RSD	64.352	27.988	38.537	2.4412	38.571	30.939	136.67

#1	.04160	.00063	.00701	-.05902	-.00241	-.00077	.00004
#2	.01558	.00043	.01227	-.05701	-.00422	-.00120	.00207

Sample Name: CCB07 Acquired: 10/1/2018 19:47:40 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13927 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00327	-.0020	-.00021	F 1.6028	F .23602
Stddev	.00225	.0006	.00006	.0181	.41005
%RSD	68.859	29.59	29.541	1.1304	173.73

#1	-.00487	-.0024	-.00026	1.6156	.52597
#2	-.00168	-.0016	-.00017	1.5900	-.05393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3190.0	66589.	4599.1	101.55	4522.6
Stddev	5.4	41.	45.7	3.22	10.1
%RSD	.16838	.06217	.99455	3.1725	.22309

#1	3186.2	66618.	4566.8	99.269	4515.5
#2	3193.8	66560.	4631.4	103.83	4529.8

Sample Name: J5170-12 Acquired: 10/1/2018 19:51:43 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-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	.00332	.00161	.00308	.00618	-.00117	.09047	.08306	.00012
Stddev	.00223	.00179	.00019	.00046	.00101	.01240	.00088	.00004
%RSD	67.156	110.99	6.2521	7.5272	86.270	13.702	1.0584	36.709

#1	.00174	.00288	.00294	.00651	-.00046	.08170	.08368	.00015
#2	.00490	.00035	.00321	.00585	-.00189	.09923	.08243	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	35.522	-.00062	.00362	.00242	.03982	.39728	12.100
Stddev	.00005	.368	.00088	.00001	.00011	.00024	.00183	.099
%RSD	104.69	1.0350	143.66	.30207	4.6194	.59164	.46069	.81851

#1	.00008	35.782	.00001	.00361	.00234	.03999	.39858	12.170
#2	.00001	35.262	-.00124	.00363	.00250	.03966	.39599	12.030

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00322	-.00131	274.20	.00001	.05345	1.4585	.00025	.02545
Stddev	.00088	.00024	.55	.00000	.00157	.0252	.00001	.00017
%RSD	27.212	18.444	.19933	5.1248	2.9321	1.7305	4.8574	.65387

#1	.00383	-.00148	274.59	.00001	.05456	1.4763	.00025	.02557
#2	.00260	-.00114	273.81	.00001	.05234	1.4406	.00024	.02534

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39269	2.1179	.00079	.00207	.00048	-.0016	.06665	4.2368
Stddev	.00096	.0056	.00120	.00290	.00019	.0002	.00086	.0463
%RSD	.24351	.26377	150.51	140.44	38.633	11.99	1.2966	1.0938

#1	.39202	2.1219	.00164	.00001	.00062	-.0017	.06726	4.2696
#2	.39337	2.1140	-.00005	.00412	.00035	-.0014	.06604	4.2040

Sample Name: J5170-12 Acquired: 10/1/2018 19:51:43 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3305
Stddev .4168
%RSD 31.323

#1 1.0358
#2 1.6252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.0	61213.	4510.5	94.438	3952.3
Stddev	29.4	291.	3.5	2.705	23.0
%RSD	.98178	.47461	.07810	2.8645	.58316

#1	2975.2	61008.	4508.0	92.525	3936.0
#2	3016.8	61419.	4513.0	96.351	3968.6

Sample Name: J5170-18 Acquired: 10/1/2018 19:55:50 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00159	.00330	.00725	.00050	.08158	.10388	.00012
Stddev	.00122	.00140	.00015	.00033	.00081	.00845	.00091	.00006
%RSD	222.72	88.168	4.4325	4.5212	162.12	10.357	.87311	47.557

#1	.00141	.00258	.00319	.00748	.00108	.08755	.10452	.00008
#2	-.00031	.00060	.00340	.00702	-.00007	.07561	.10324	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	36.168	.00004	.00373	.00395	.12676	.48825	9.3339
Stddev	.00001	.116	.00006	.00007	.00046	.00572	.00007	.1014
%RSD	10.168	.31983	146.93	1.8326	11.699	4.5096	.01510	1.0860

#1	.00008	36.250	-.00000	.00369	.00362	.12272	.48830	9.2622
#2	.00009	36.086	.00008	.00378	.00428	.13080	.48820	9.4056

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00476	-.00098	259.90	-.00027	.08142	1.4292	-.00009	.02580
Stddev	.00036	.00011	1.18	.00043	.00012	.0195	.00019	.00304
%RSD	7.6378	10.802	.45419	159.08	.14421	1.3646	216.64	11.781

#1	.00501	-.00090	260.74	.00003	.08150	1.4429	-.00022	.02365
#2	.00450	-.00105	259.07	-.00058	.08134	1.4154	.00005	.02795

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49764	2.4088	.00070	.00158	-.00219	.0017	.07856	4.5196
Stddev	.00346	.0096	.00037	.00037	.00187	.0008	.00027	.1181
%RSD	.69446	.39958	53.447	23.660	85.267	49.08	.34954	2.6137

#1	.50009	2.4156	.00096	.00131	-.00087	.0011	.07876	4.6031
#2	.49520	2.4020	.00043	.00184	-.00351	.0022	.07837	4.4360

Sample Name: J5170-18 Acquired: 10/1/2018 19:55:50 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5930
Stddev .4216
%RSD 26.466

#1 1.2948
#2 1.8911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.8	61553.	4482.7	96.862	3952.1
Stddev	10.7	103.	30.2	.421	14.1
%RSD	.35924	.16749	.67477	.43436	.35598

#1	2974.2	61480.	4461.3	96.564	3942.1
#2	2989.4	61626.	4504.1	97.159	3962.0

Sample Name: J5170-24 Acquired: 10/1/2018 19:59:58 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-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	.00045	.00065	.00391	.00350	-.00045	.08395	.10377	.00005
Stddev	.00235	.00170	.00037	.00452	.00079	.00326	.00018	.00003
%RSD	516.04	262.51	9.4410	129.36	177.42	3.8795	.17579	73.196

#1	-.00120	.00185	.00417	.00030	.00011	.08626	.10390	.00002
#2	.00211	-.00055	.00365	.00669	-.00100	.08165	.10364	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	24.727	.00044	.00449	.00638	.12884	.46709	4.9498
Stddev	.00001	.069	.00041	.00034	.00031	.00637	.02474	.0721
%RSD	2.7650	.28009	94.244	7.5351	4.8281	4.9457	5.2956	1.4574

#1	.00031	24.776	.00073	.00425	.00660	.12434	.44960	4.8988
#2	.00032	24.678	.00015	.00473	.00616	.13335	.48458	5.0008

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	-.00087	250.33	-.00038	.12228	1.9041	-.00017	.03266
Stddev	.00012	.00018	2.15	.00008	.00128	.0403	.00000	.00789
%RSD	2.7997	20.664	.85708	20.185	1.0457	2.1193	2.4418	24.158

#1	.00408	-.00075	251.85	-.00044	.12138	1.9327	-.00018	.03824
#2	.00424	-.00100	248.81	-.00033	.12319	1.8756	-.00017	.02708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63792	1.4686	.00071	.00105	-.00276	.0003	.08029	4.1571
Stddev	.00591	.0029	.00071	.00110	.00034	.0009	.00003	1.0237
%RSD	.92667	.19827	101.16	104.78	12.434	355.5	.03708	24.626

#1	.64210	1.4665	.00020	.00184	-.00252	.0009	.08027	3.4333
#2	.63374	1.4707	.00121	.00027	-.00300	-.0004	.08031	4.8810

Sample Name: J5170-24 Acquired: 10/1/2018 19:59:58 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2523
Stddev	.0038
%RSD	.30008

#1	1.2496
#2	1.2550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.4	61513.	4506.6	96.149	3995.0
Stddev	13.2	2803.	18.9	.837	19.6
%RSD	.44040	4.5571	.41865	.87081	.49185

#1	2999.0	63495.	4493.3	96.741	3981.1
#2	3017.8	59531.	4520.0	95.557	4008.9

Sample Name: J5170-30 Acquired: 10/1/2018 20:04:07 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL-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	.00125	.00151	.00251	.00318	-.00162	.03091	.11998	.00007
Stddev	.00213	.00197	.00005	.00075	.00282	.00104	.00159	.00009
%RSD	170.80	130.62	2.0688	23.540	173.84	3.3768	1.3288	125.50

#1	-.00026	.00012	.00248	.00265	-.00361	.03165	.12111	.00014
#2	.00275	.00290	.00255	.00370	.00037	.03017	.11885	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	71.671	-.00011	.00467	.00254	-.01322	.53253	11.387
Stddev	.00011	.181	.00078	.00002	.00019	.00214	.00039	.056
%RSD	92.272	.25262	738.35	.39211	7.3689	16.220	.07312	.49158

#1	.00004	71.543	.00044	.00466	.00241	-.01474	.53225	11.347
#2	.00019	71.799	-.00065	.00468	.00267	-.01170	.53280	11.427

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00835	-.00079	297.59	-.00018	.08689	1.8542	.00023	.03248
Stddev	.00003	.00002	2.34	.00025	.00102	.0185	.00008	.00468
%RSD	.31555	2.1639	.78604	137.04	1.1698	.99518	33.341	14.409

#1	.00836	-.00078	295.94	-.00035	.08618	1.8673	.00028	.02917
#2	.00833	-.00080	299.25	-.00001	.08761	1.8412	.00018	.03579

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75758	3.3161	.00004	.00064	.00167	.0019	.18014	4.8062
Stddev	.00475	.0083	.00076	.00110	.00129	.0017	.00059	.0502
%RSD	.62720	.24907	2007.3	170.29	77.125	89.21	.33007	1.0443

#1	.75422	3.3103	-.00050	.00142	.00259	.0007	.18056	4.7707
#2	.76094	3.3219	.00058	-.00013	.00076	.0030	.17972	4.8416

Sample Name: J5170-30 Acquired: 10/1/2018 20:04:07 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6027
 Stddev .1152
 %RSD 7.1873

#1 1.5213
 #2 1.6842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.0	61436.	4494.6	97.878	3888.0
Stddev	13.8	30.	14.6	.857	12.5
%RSD	.47003	.04884	.32402	.87557	.32177

#1	2933.2	61458.	4504.9	98.484	3879.1
#2	2952.8	61415.	4484.3	97.272	3896.8

Sample Name: J5171-04 Acquired: 10/1/2018 20:08:16 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KR-RO-VNJ-22 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	.00059	.00172	.00596	-.00333	.02582	.11293	.00007
Stddev	.00156	.00155	.00056	.00009	.00119	.00092	.00031	.00004
%RSD	136.20	263.55	32.391	1.4591	35.834	3.5720	.27613	57.324

#1	-.00225	.00168	.00133	.00590	-.00248	.02647	.11271	.00004
#2	-.00004	-.00051	.00212	.00602	-.00417	.02517	.11315	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	45.268	-.00004	.00513	.00600	.39921	.62884	3.9154
Stddev	.00005	.109	.00052	.00048	.00010	.00421	.00080	.0288
%RSD	206.05	.24061	1187.2	9.2831	1.6372	1.0546	.12733	.73613

#1	.00001	45.345	-.00041	.00479	.00593	.40218	.62941	3.8950
#2	-.00006	45.191	.00033	.00547	.00606	.39623	.62828	3.9358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00125	245.26	-.00003	.04627	1.8857	-.00031	.05897
Stddev	.00002	.00017	3.40	.00019	.00010	.0116	.00003	.01397
%RSD	1.4822	13.759	1.3862	558.98	.20610	.61734	8.1861	23.682

#1	.00153	-.00137	247.67	.00010	.04621	1.8774	-.00033	.04910
#2	.00150	-.00113	242.86	-.00017	.04634	1.8939	-.00029	.06885

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13877	.95102	.00044	.00172	-.00078	-.0010	.10799	4.2851
Stddev	.00085	.00204	.00082	.00059	.00336	.0016	.00016	.0118
%RSD	.61392	.21431	185.14	34.277	432.76	171.9	.14761	.27616

#1	.13817	.95247	.00103	.00130	-.00316	-.0021	.10810	4.2767
#2	.13938	.94958	-.00014	.00214	.00160	.0002	.10788	4.2935

Sample Name: J5171-04 Acquired: 10/1/2018 20:08:16 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KR-RO-VNJ-22 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4177
Stddev	.0196
%RSD	1.3802

#1	1.4315
#2	1.4039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.2	61706.	4518.7	96.706	3964.4
Stddev	6.7	151.	25.3	.050	11.8
%RSD	.22383	.24412	.55965	.05132	.29656

#1	2989.5	61599.	4500.9	96.741	3956.1
#2	2999.0	61812.	4536.6	96.671	3972.7

Sample Name: J5033-24DLX5 Acquired: 10/1/2018 20:12:24 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13915 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00383	-.00023	.00477	-.00021	-.00223	.01462	.00012
Stddev	.00209	.00065	.00023	.00010	.00197	.00145	.00054	.00004
%RSD	278.60	16.881	100.79	2.0639	946.14	64.866	3.7143	33.115

#1	-.00073	.00338	-.00039	.00483	-.00160	-.00325	.01500	.00015
#2	.00223	.00429	-.00006	.00470	.00118	-.00121	.01424	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	5.5248	.01593	.00007	.00072	.02591	.00172	1.8150
Stddev	.00000	.0008	.00020	.00007	.00035	.00320	.00005	.0842
%RSD	39.552	.01449	1.2682	100.15	48.442	12.336	3.1512	4.6384

#1	-.00001	5.5242	.01578	.00012	.00047	.02365	.00168	1.8745
#2	-.00001	5.5253	.01607	.00002	.00096	.02817	.00176	1.7555

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00438	-.00072	29.155	-.00026	.01410	.73234	.00055	.02403
Stddev	.00029	.00022	.238	.00012	.00007	.00052	.00016	.00400
%RSD	6.6838	30.290	.81560	45.111	.51607	.07127	28.935	16.648

#1	.00459	-.00087	28.987	-.00018	.01415	.73197	.00043	.02120
#2	.00417	-.00056	29.323	-.00034	.01405	.73271	.00066	.02686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2667	.69826	-.00072	.00084	-.00614	.0009	.03754	2.6612
Stddev	.0022	.00803	.00034	.00017	.00024	.0005	.00021	.1202
%RSD	.17357	1.1496	46.949	20.461	3.9632	57.35	.55873	4.5183

#1	1.2682	.69258	-.00048	.00072	-.00596	.0005	.03739	2.5762
#2	1.2651	.70393	-.00096	.00096	-.00631	.0013	.03768	2.7462

Sample Name: J5033-24DLX5 Acquired: 10/1/2018 20:12:24 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13915 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.71586
Stddev	.24205
%RSD	33.812

#1	.88701
#2	.54471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.4	65281.	4555.5	100.56	4351.4
Stddev	7.2	76.	23.9	.69	.2
%RSD	.22999	.11657	.52534	.68954	.00351

#1	3118.3	65335.	4572.4	100.07	4351.3
#2	3128.4	65227.	4538.5	101.05	4351.5

Sample Name: J5033-24DUPDLX5 Acquired: 10/1/2018 20:16:27 Type: Unk
Method: P4-ICP2(v2468) 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	.00023	.00163	.00083	.00377	-.00130	.00054	.01519	.00007
Stddev	.00203	.00054	.00083	.00103	.00062	.01084	.00057	.00002
%RSD	879.47	33.097	99.869	27.455	47.442	1997.3	3.7387	27.457

#1	.00166	.00125	.00141	.00450	-.00086	-.00712	.01559	.00009
#2	-.00120	.00201	.00024	.00304	-.00173	.00821	.01478	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	5.5662	.01589	.00022	.00070	.02506	.00168	1.8451
Stddev	.00003	.0329	.00014	.00008	.00006	.00520	.00009	.0389
%RSD	307.61	.59031	.89061	37.569	9.1784	20.740	5.2365	2.1054

#1	.00001	5.5894	.01579	.00028	.00075	.02138	.00162	1.8726
#2	-.00003	5.5430	.01599	.00016	.00065	.02873	.00174	1.8176

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	-.00083	29.567	-.00066	.01426	.71325	.00061	.02151
Stddev	.00028	.00023	.355	.00026	.00031	.04239	.00018	.00283
%RSD	6.2063	28.064	1.1993	38.831	2.1608	5.9432	29.212	13.176

#1	.00434	-.00066	29.817	-.00084	.01448	.68327	.00049	.02352
#2	.00474	-.00099	29.316	-.00048	.01405	.74322	.00074	.01951

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2778	.71169	-.00121	.00085	-.00461	-.0010	.03774	2.8754
Stddev	.0013	.00834	.00088	.00011	.00026	.0018	.00079	.1209
%RSD	.10025	1.1718	72.351	13.205	5.5948	177.2	2.0826	4.2040

#1	1.2787	.71758	-.00183	.00077	-.00443	-.0023	.03829	2.9609
#2	1.2769	.70579	-.00059	.00093	-.00479	.0003	.03718	2.7900

Sample Name: J5033-24DUPDLX5 Acquired: 10/1/2018 20:16:27 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .94590
Stddev .00162
%RSD .17160

#1 .94475
#2 .94705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.0	64897.	4496.3	99.274	4351.1
Stddev	1.5	61.	52.4	1.921	1.9
%RSD	.04945	.09427	1.1647	1.9353	.04393

#1	3123.9	64854.	4459.2	97.915	4349.7
#2	3126.1	64940.	4533.3	100.63	4352.4

Sample Name: J5033-24LDLX25 Acquired: 10/1/2018 20:20:29 Type: Unk
Method: P4-ICP2(v2468) 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	.00028	.00146	-.00078	.00058	.00009	-.01006	.00469	.00010
Stddev	.00330	.00079	.00092	.00007	.00008	.00982	.00028	.00004
%RSD	1160.3	54.046	118.20	11.349	89.708	97.653	5.9391	39.927

#1	-.00205	.00202	-.00013	.00053	.00003	-.00311	.00449	.00013
#2	.00262	.00090	-.00144	.00062	.00014	-.01700	.00489	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	1.1894	.00869	.00014	.00031	.02004	.00114	.38466
Stddev	.00000	.0212	.00017	.00004	.00015	.00712	.00000	.00641
%RSD	380.74	1.7828	1.9194	25.395	47.387	35.528	.33479	1.6659

#1	-.00000	1.2043	.00857	.00016	.00042	.01501	.00114	.38013
#2	.00000	1.1744	.00881	.00011	.00021	.02508	.00114	.38919

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00500	-.00089	6.2900	-.00035	.00286	.16236	.00075	.01171
Stddev	.00028	.00023	.0305	.00014	.00019	.02068	.00015	.00251
%RSD	5.5833	25.709	.48467	38.237	6.7300	12.736	20.191	21.473

#1	.00481	-.00105	6.2684	-.00026	.00300	.14774	.00064	.00993
#2	.00520	-.00073	6.3115	-.00045	.00273	.17698	.00086	.01349

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21571	.14471	.00180	.00138	-.00299	.0010	.00779	1.8304
Stddev	.00415	.00141	.00032	.00296	.00242	.0001	.00003	.0683
%RSD	1.9257	.97306	17.953	214.52	80.980	9.709	.32671	3.7308

#1	.21277	.14372	.00157	.00347	-.00470	.0009	.00781	1.7821
#2	.21865	.14571	.00203	-.00071	-.00128	.0010	.00777	1.8787

Sample Name: J5033-24LDLX25 Acquired: 10/1/2018 20:20:29 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0646
Stddev	.1888
%RSD	17.737

#1	.93112
#2	1.1982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.5	66085.	4574.8	102.72	4506.5
Stddev	8.3	42.	11.1	2.23	10.6
%RSD	.26223	.06306	.24176	2.1688	.23602

#1	3176.6	66055.	4582.6	101.14	4499.0
#2	3188.4	66114.	4567.0	104.29	4514.0

Sample Name: J5033-24MSDLX5 Acquired: 10/1/2018 20:24:33 Type: Unk
Method: P4-ICP2(v2468) 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	.14984	.38744	.18519	.38164	.14977	.36488	.05473	.03703	.03691
Stddev	.00343	.00010	.00070	.00021	.00110	.00474	.00134	.00002	.00025
%RSD	2.2879	.02522	.37713	.05632	.73543	1.2990	2.4488	.04531	.68959

#1	.15226	.38751	.18470	.38149	.14900	.36823	.05567	.03702	.03709
#2	.14741	.38737	.18568	.38180	.15055	.36153	.05378	.03704	.03673

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7445	.08749	.03651	.05720	.60222	.04085	2.1923	.09563	.01327
Stddev	.1166	.00020	.00011	.00003	.01237	.00002	.0377	.00075	.00022
%RSD	2.0303	.23291	.31004	.04702	2.0543	.05494	1.7198	.78846	1.6503

#1	5.8270	.08735	.03659	.05722	.61096	.04084	2.2189	.09616	.01343
#2	5.6621	.08763	.03643	.05718	.59347	.04087	2.1656	.09510	.01312

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.811	.05672	.05405	2.6409	.07874	.07189	1.2558	.88363	.12641
Stddev	.462	.00055	.00025	.0195	.00018	.01346	.0070	.01188	.00038
%RSD	1.5510	.96744	.46674	.73717	.22648	18.717	.55484	1.3442	.29855

#1	30.138	.05634	.05423	2.6547	.07887	.08141	1.2607	.89203	.12614
#2	29.484	.05711	.05387	2.6272	.07862	.06238	1.2509	.87523	.12668

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03883	.06935	1.079	.07529	2.3333	.67558
Stddev	.00028	.00427	.005	.00148	.0336	.41130
%RSD	.72113	6.1536	.5010	1.9595	1.4409	60.882

#1	.03902	.07237	1.083	.07633	2.3570	.38474
#2	.03863	.06633	1.075	.07424	2.3095	.96641

Sample Name: J5033-24MSDLX5 Acquired: 10/1/2018 20:24:33 Type: Unk
Method: P4-ICP2(v2468) 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	3112.2	64838.	4460.4	96.414	4319.9
Stddev	4.4	131.	52.7	.691	9.8
%RSD	.14026	.20201	1.1809	.71702	.22768
#1	3115.3	64745.	4423.2	95.925	4312.9
#2	3109.1	64931.	4497.7	96.903	4326.8

Sample Name: J5033-24MSDDLX5 Acquired: 10/1/2018 20:28:33 Type: Unk
Method: P4-ICP2(v2468) 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	.15174	.38589	.18468	.38461	.14921	.35955	.05259	.03708	.03725
Stddev	.00042	.00059	.00050	.00273	.00097	.00908	.00005	.00020	.00005
%RSD	.27958	.15404	.26949	.70929	.65133	2.5256	.09178	.53769	.13946

#1	.15204	.38631	.18504	.38268	.14853	.35313	.05262	.03694	.03721
#2	.15144	.38547	.18433	.38653	.14990	.36597	.05255	.03722	.03729

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6346	.08682	.03661	.05719	.58378	.04085	2.1707	.09542	.01340
Stddev	.0034	.00064	.00011	.00042	.00570	.00006	.0046	.00061	.00005
%RSD	.06010	.74145	.30805	.74130	.97565	.14628	.21261	.63419	.38678

#1	5.6370	.08637	.03669	.05689	.57976	.04081	2.1739	.09499	.01336
#2	5.6322	.08728	.03653	.05748	.58781	.04089	2.1674	.09585	.01344

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.579	.05708	.05304	2.6124	.07873	.07701	1.2726	.86685	.12871
Stddev	.157	.00018	.00081	.0067	.00002	.00150	.0012	.00732	.00015
%RSD	.52970	.31733	1.5356	.25853	.02567	1.9432	.09422	.84450	.11920

#1	29.468	.05721	.05246	2.6076	.07872	.07807	1.2734	.86167	.12881
#2	29.690	.05695	.05361	2.6172	.07875	.07595	1.2717	.87202	.12860

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03917	.07220	1.085	.07440	2.4697	.82416
Stddev	.00096	.00446	.000	.00043	.0892	.15155
%RSD	2.4424	6.1776	.0119	.58180	3.6137	18.388

#1	.03849	.06904	1.086	.07409	2.5328	.93132
#2	.03984	.07535	1.085	.07470	2.4066	.71700

Sample Name: J5033-24MSDDLX5 Acquired: 10/1/2018 20:28:33 Type: Unk
Method: P4-ICP2(v2468) 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	3115.6	64680.	4517.7	98.588	4316.1
Stddev	.7	463.	8.3	1.536	.5
%RSD	.02187	.71630	.18462	1.5578	.01207
#1	3116.1	64353.	4523.6	99.674	4316.5
#2	3115.1	65008.	4511.8	97.502	4315.8

Sample Name: CCV08 Acquired: 10/1/2018 20:32:33 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7517 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8844	4.9963	4.9247	4.9875	4.9819	9.5734	10.071	.24401
Stddev	.0025	.0093	.0101	.0123	.0011	.0049	.046	.00031
%RSD	.05118	.18544	.20495	.24568	.02170	.05117	.45435	.12611
#1	4.8826	4.9898	4.9175	4.9961	4.9827	9.5699	10.103	.24379
#2	4.8862	5.0029	4.9318	4.9788	4.9811	9.5768	10.039	.24423
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4611	24.670	.97683	2.4454	1.2265	4.8583	2.4622	23.970
Stddev	.0001	.024	.00179	.0002	.0009	.0039	.0069	.051
%RSD	.00625	.09529	.18341	.00915	.07390	.08048	.27929	.21385
#1	2.4612	24.687	.97556	2.4452	1.2271	4.8555	2.4573	23.934
#2	2.4610	24.654	.97809	2.4456	1.2258	4.8611	2.4670	24.006
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4518	1.2209	25.259	2.4511	2.5781	25.223	5.0435	4.7812
Stddev	.0029	.0016	.068	.0076	.0221	.028	.0041	.0238
%RSD	.11836	.12849	.26995	.30784	.85571	.10981	.08110	.49835
#1	2.4539	1.2198	25.307	2.4458	2.5937	25.242	5.0406	4.7644
#2	2.4497	1.2220	25.211	2.4564	2.5625	25.203	5.0464	4.7981
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7429	4.8514	4.8793	4.9027	F 6.4483	5.002	4.9265	F 3.3194
Stddev	.0126	.0233	.0047	.0015	.0196	.013	.0503	.0288
%RSD	.26495	.47967	.09590	.03107	.30362	.2547	1.0206	.86614
#1	4.7340	4.8349	4.8826	4.9038	6.4622	4.993	4.9621	3.2991
#2	4.7517	4.8679	4.8760	4.9016	6.4345	5.011	4.8910	3.3398

Sample Name: CCV08 Acquired: 10/1/2018 20:32:33 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7517 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4441
Stddev .0807
%RSD 3.3031

#1 2.5012
#2 2.3870

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.6	63375.	4484.3	95.493	4000.6
Stddev	6.1	17.	3.4	.971	8.3
%RSD	.20187	.02688	.07676	1.0169	.20868

#1	3025.3	63387.	4481.8	94.807	3994.7
#2	3033.9	63363.	4486.7	96.180	4006.5

Sample Name: CCB08 Acquired: 10/1/2018 20:36:20 Type: Unk
Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7515 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00283	-.00040	-.00008	-.00007	-.00876	.00259
Stddev	.00172	.00164	.00016	.00015	.00106	.00961	.00021
%RSD	177.12	58.074	40.654	199.22	1462.3	109.74	8.0504

#1	.00218	.00167	-.00051	-.00018	-.00082	-.00196	.00274
#2	-.00024	.00399	-.00028	.00003	.00068	-.01555	.00245

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00001	-.01154	-.00011	.00012	-.00045	-.00435
Stddev	.00001	.00001	.01428	.00004	.00030	.00040	.00619
%RSD	7.0076	223.62	123.72	35.703	254.36	87.858	142.49

#1	.00010	.00000	-.02164	-.00008	-.00009	-.00073	-.00873
#2	.00011	-.00002	-.00144	-.00013	.00033	-.00017	.00003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.03270	.00036	-.00094	-.04984	.00016	.00080
Stddev	.00004	.03742	.00052	.00039	.00548	.00079	.00010
%RSD	644.17	114.45	144.04	41.120	10.998	481.16	11.999

#1	.00003	-.00624	.00073	-.00067	-.04596	-.00040	.00087
#2	-.00002	-.05916	-.00001	-.00122	-.05371	.00072	.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04509	.00072	.01432	F -.05853	-.00489	-.00149	-.00040
Stddev	.04402	.00015	.00870	.00065	.00263	.00028	.00207
%RSD	97.629	20.699	60.706	1.1145	53.821	19.043	521.68

#1	-.07621	.00082	.02047	-.05807	-.00675	-.00169	.00107
#2	-.01396	.00061	.00818	-.05899	-.00303	-.00129	-.00186

Sample Name: CCB08 Acquired: 10/1/2018 20:36:20 Type: Unk
 Method: P4-ICP2(v2468) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7515 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00354	-0.0024	-0.00027	F 1.9627	F .65107
Stddev	.00126	.0004	.00016	.3573	.10543
%RSD	35.543	17.70	59.735	18.203	16.194

#1	-0.00265	-0.0027	-0.00038	2.2153	.57652
#2	-0.00442	-0.0021	-0.00015	1.7101	.72563

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.2	65925.	4521.2	99.538	4484.2
Stddev	5.1	113.	30.8	.222	8.6
%RSD	.16245	.17129	.68161	.22334	.19223

#1	3163.5	65845.	4543.0	99.695	4478.1
#2	3170.8	66005.	4499.4	99.381	4490.3