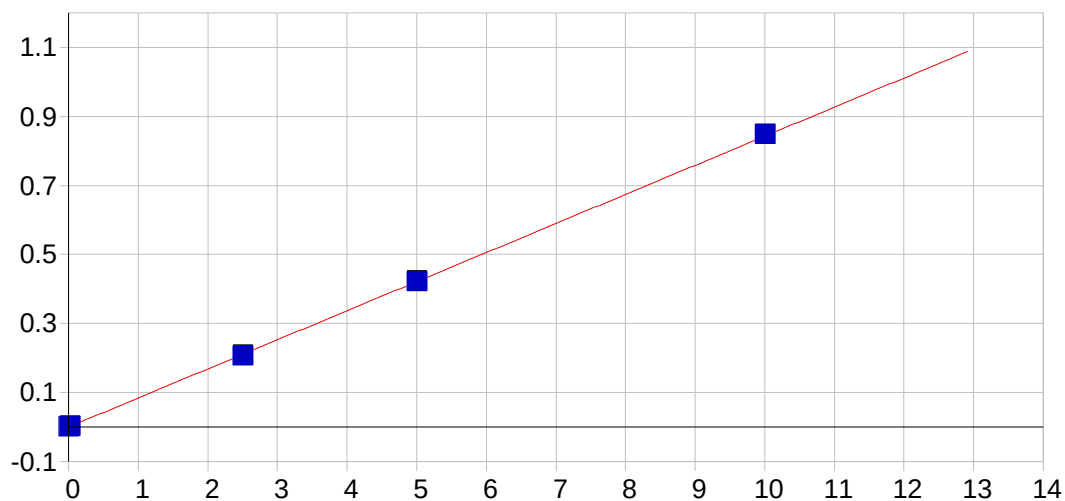


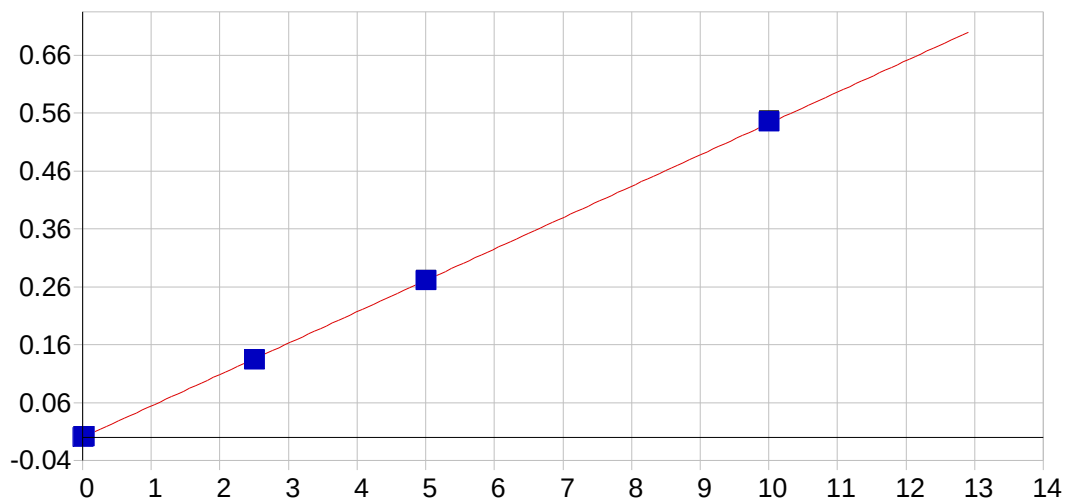


As 189.042 {478}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000182 Re-Slope: 1.000000
 A1 (Gain): 0.084287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002781
 Predicted MQL: 0.009268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02000	.01822	-.002	-8.91	.00135	.000	1
S3	2.5000	2.4550	-.045	-1.80	.20673	.001	1
S4	5.0000	4.9924	-.008	-.152	.42058	.002	1
S5	10.000	10.054	.054	.544	.84722	.001	1



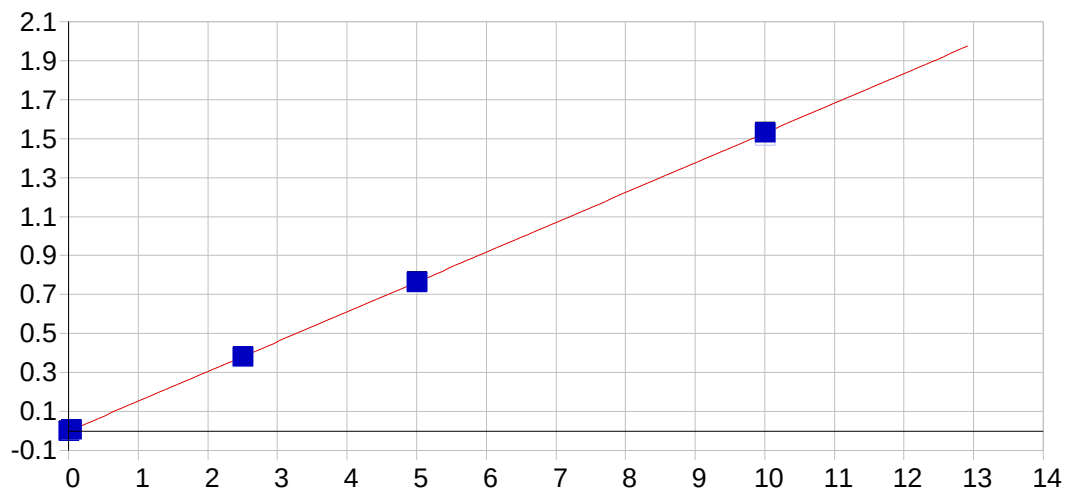
As 189.042 {479}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000095 Re-Slope: 1.000000

A1 (Gain): 0.054213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002753
 Predicted MQL: 0.009176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02339	.003	17.0	.00117	.000	1
S3	2.5000	2.4586	-.041	-1.66	.13319	.000	1
S4	5.0000	4.9844	-.016	-.312	.27013	.001	1
S5	10.000	10.054	.054	.536	.54495	.001	1

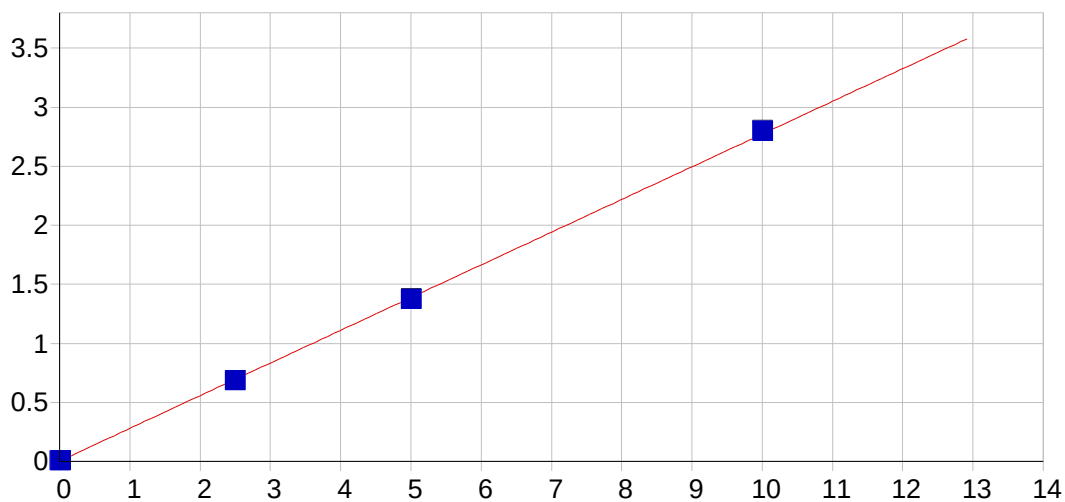


TI 190.856 {477}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000672 Re-Slope: 1.000000
 A1 (Gain): 0.152919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001252
 Predicted MQL: 0.004174

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00067	.000	1
S1	.04000	.04576	.006	14.4	.00617	.000	1
S3	2.5000	2.4875	-.013	-.501	.37579	.001	1
S4	5.0000	5.0002	.000	.004	.75612	.000	1
S5	10.000	10.007	.007	.066	1.5139	.003	1

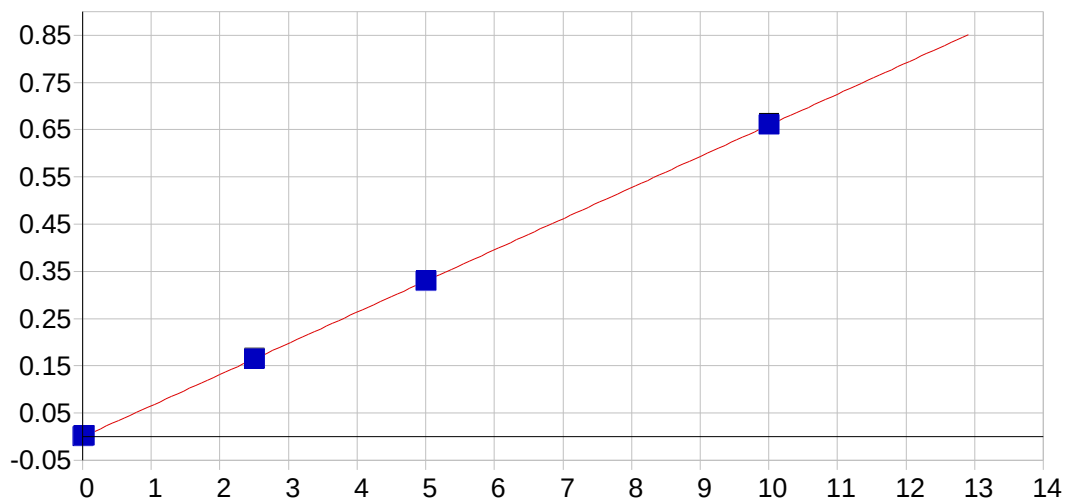


Pb 220.353 {453}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002876 Re-Slope: 1.000000
 A1 (Gain): 0.276927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.001073
 Predicted MQL: 0.003576

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00288	.000	1
S1	.01200	.01170	-.000	-2.50	.00605	.000	1
S3	2.5000	2.4534	-.047	-1.86	.68138	.000	1
S4	5.0000	4.9513	-.049	-.973	1.3722	.001	1
S5	10.000	10.096	.096	.956	2.7950	.003	1



Se 196.090 {472}

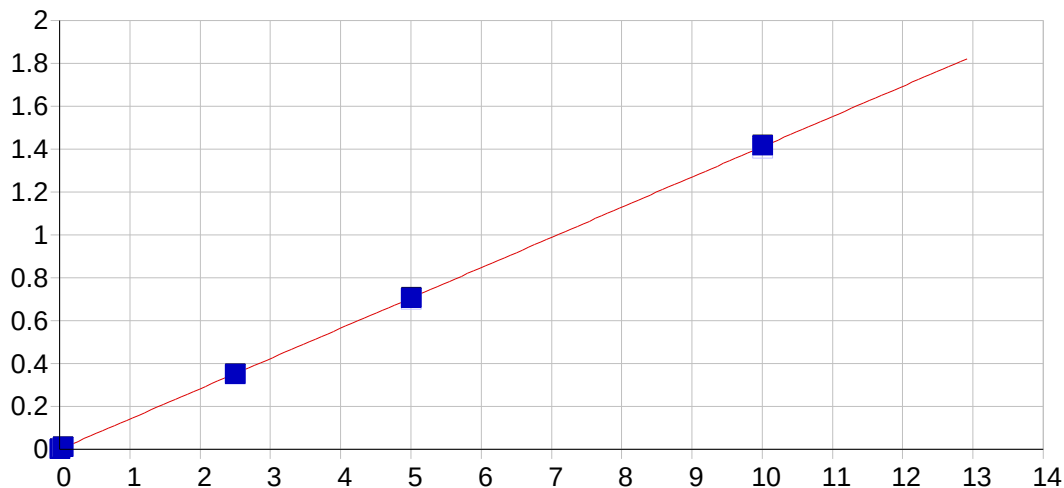
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000334 Re-Slope: 1.000000
 A1 (Gain): 0.065977 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000008
 Predicted MDL: 0.003296
 Predicted MQL: 0.010988

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02000	.02273	.003	13.7	.00117	.000	1
S3	2.5000	2.4883	-.012	-.467	.16382	.001	1
S4	5.0000	4.9884	-.012	-.232	.32875	.001	1
S5	10.000	10.021	.021	.205	.66071	.001	1



Sb 206.833 {463}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

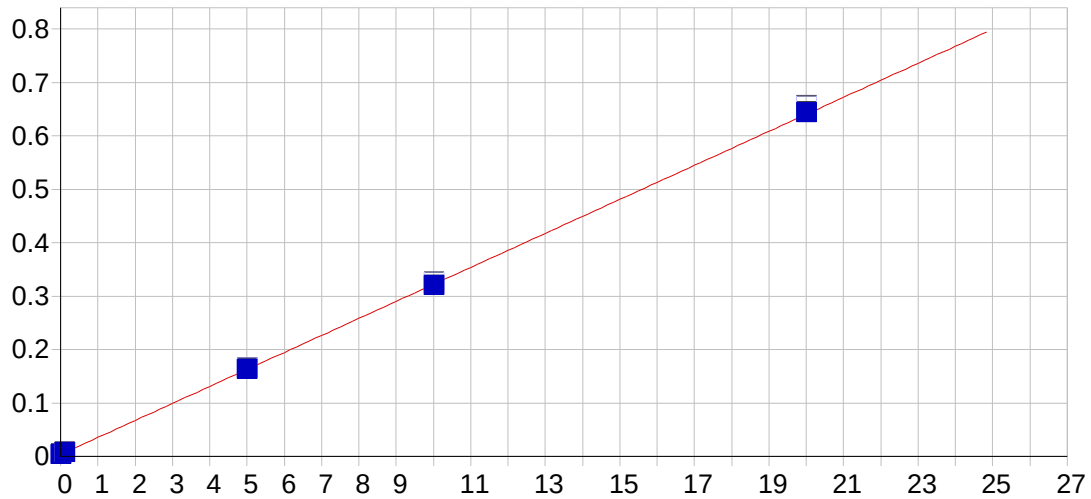
Weighting: 1/Conc

A0 (Offset): 0.000362
 A1 (Gain): 0.141077
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973
 Std Error of Est: 0.000039
 Predicted MDL: 0.001876
 Predicted MQL: 0.006254

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	.00036	.000	1
S1	.05000	.05496	.005	9.93	.00794	.000	1
S3	2.5000	2.4715	-.028	-1.14	.34507	.000	1
S4	5.0000	4.9931	-.007	-.138	.69684	.004	1
S5	10.000	10.030	.030	.305	1.3996	.004	1

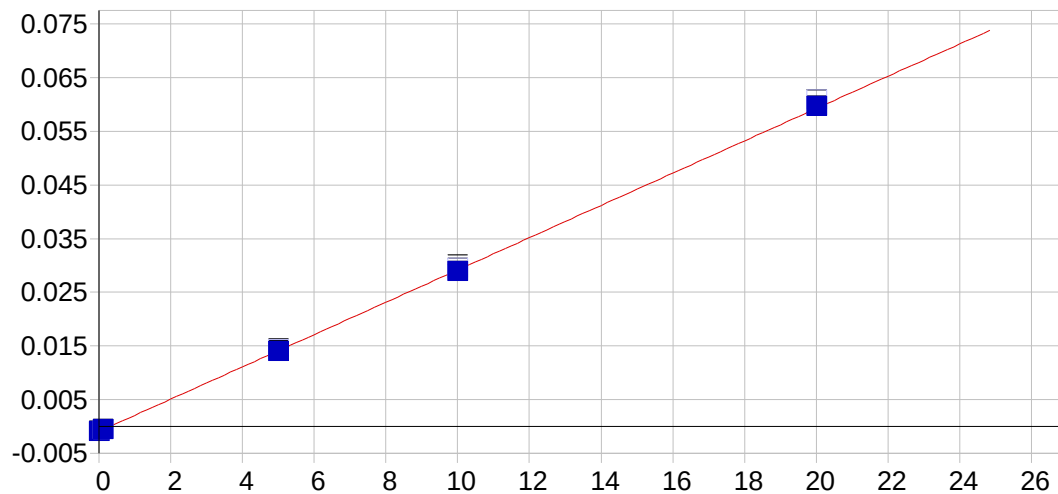


AI 308.215 {109}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003550 Re-Slope: 1.000000
 A1 (Gain): 0.031847 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003806
 Predicted MQL: 0.012687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00355	.000	1
S1	.10000	.10480	.005	4.80	.00711	.000	1
S3	5.0000	4.9882	-.012	-.235	.16558	.000	1
S4	10.000	9.9229	-.077	-.771	.32591	.000	1
S5	20.000	20.084	.084	.419	.65585	.001	1



AI 309.271 {109}

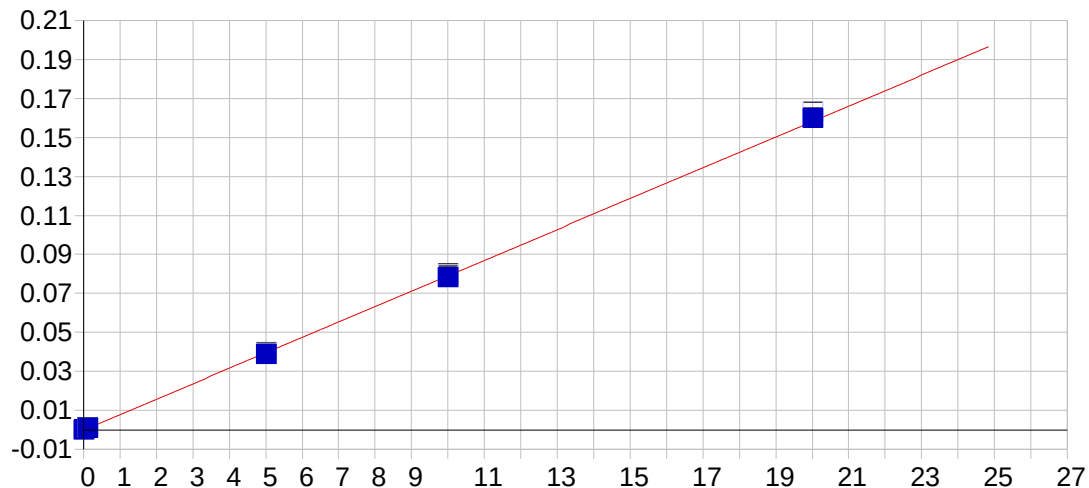
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000934 Re-Slope: 1.000000
 A1 (Gain): 0.003009 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000002
 Predicted MDL: 0.030032
 Predicted MQL: 0.100105

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.10000	.09976	-.000	-.240	-.00061	.000	1
S3	5.0000	4.9549	-.045	-.902	.01428	.000	1
S4	10.000	9.9069	-.093	-.931	.02948	.001	1
S5	20.000	20.138	.138	.692	.06087	.000	1



AI 396.152 { 85}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

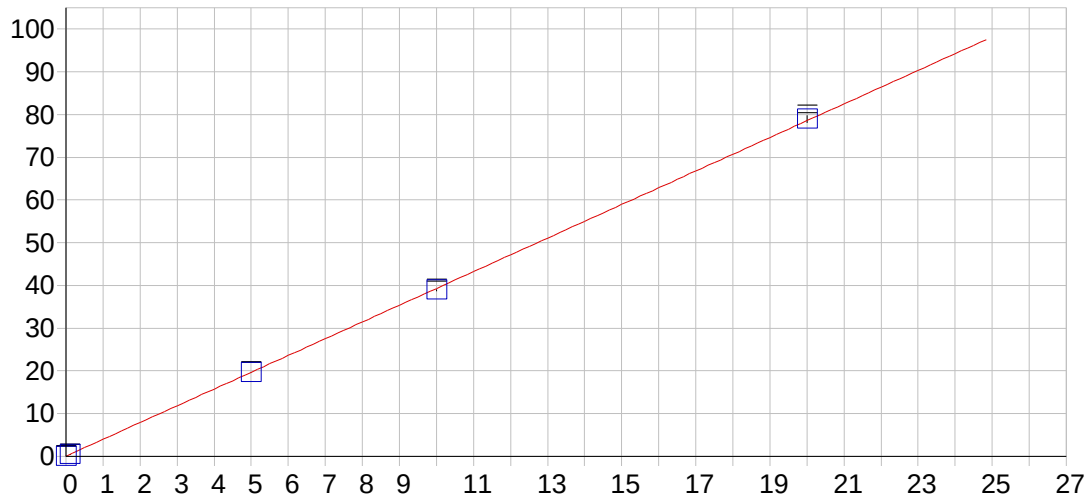
Weighting: 1/Conc

A0 (Offset): -0.000102
 A1 (Gain): 0.007914
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000010
 Predicted MDL: 0.015703
 Predicted MQL: 0.052343

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00010	.000	1
S1	.10000	.11753	.018	17.5	.00088	.000	1
S3	5.0000	4.8870	-.113	-2.26	.03936	.000	1
S4	10.000	9.8885	-.112	-1.12	.07973	.000	1
S5	20.000	20.206	.206	1.03	.16297	.000	1

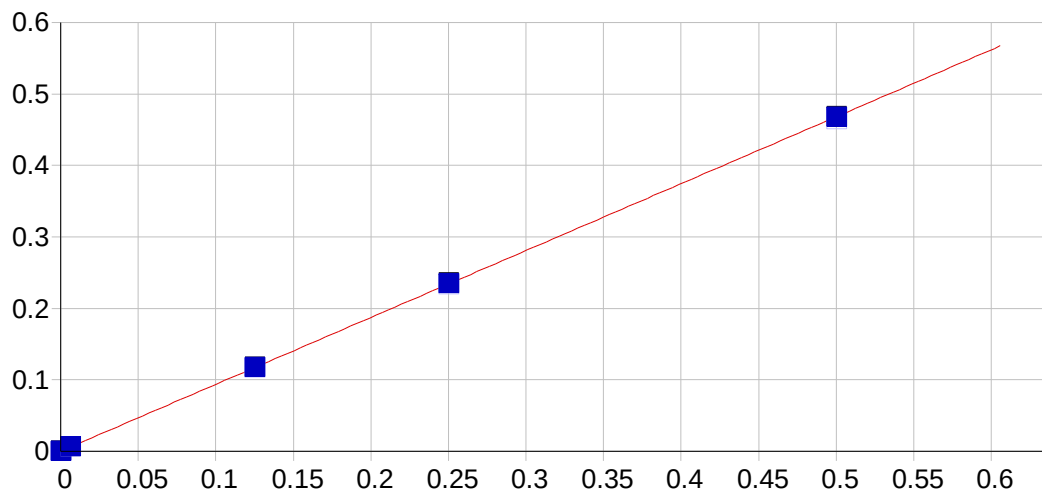


Ba 493.409 { 68}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.072489 Re-Slope: 1.000000
 A1 (Gain): 3.924616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.002457
 Predicted MDL: 0.000754
 Predicted MQL: 0.002515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07246	.003	1
S1	.10000	.10924	.009	9.24	.50121	.003	1
S3	5.0000	4.9908	-.009	-.184	19.659	.060	1
S5	20.000	20.099	.099	.497	78.955	.900	1
S4	10.000	9.9006	-.099	-.994	38.928	.225	1



Be 234.861 {144}

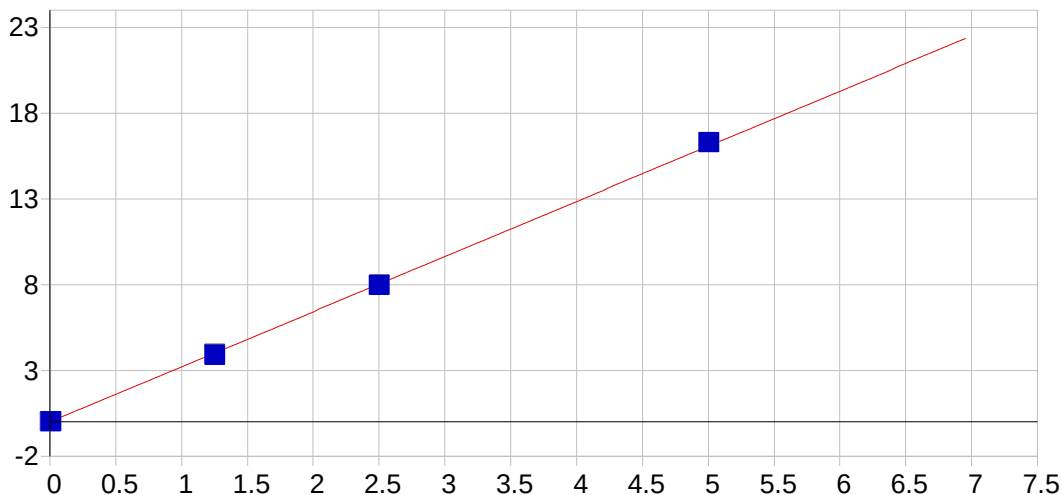
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.936123 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000012
 Predicted MDL: 0.000081
 Predicted MQL: 0.000268

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.00600	.00627	.000	4.47	.00590	.000	1
S3	.12500	.12532	.000	.258	.11667	.000	1
S4	.25000	.25042	.000	.166	.23304	.001	1
S5	.50000	.49899	-.001	-.201	.46427	.001	1



Cd 226.502 {449}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

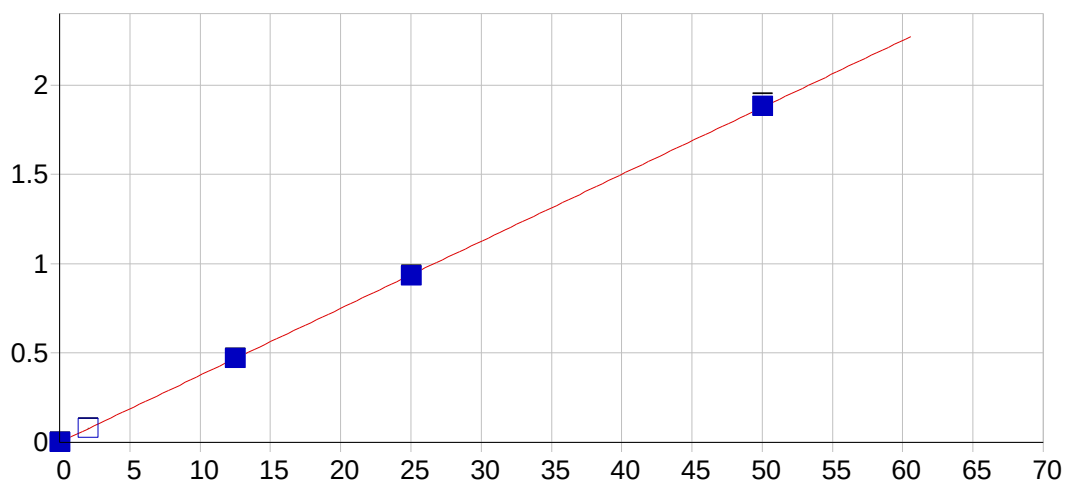
Weighting: 1/Conc

A0 (Offset): -0.000897
 A1 (Gain): 3.214260
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000442
 Predicted MDL: 0.000098
 Predicted MQL: 0.000327

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	-.00090	.000	1
S1	.00600	.00579	-.000	-3.58	.01774	.000	1
S3	1.2500	1.2165	-.034	-2.68	3.9102	.013	1
S4	2.5000	2.4740	-.026	-1.04	7.9529	.014	1
S5	5.0000	5.0598	.060	1.20	16.266	.021	1

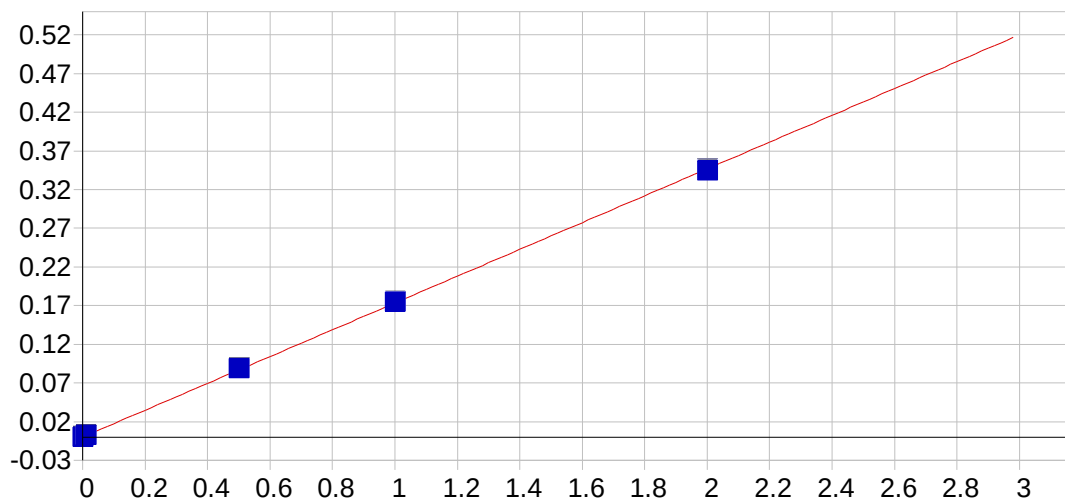


Ca 373.690 { 90}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000390 Re-Slope: 1.000000
 A1 (Gain): 0.037494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.021714
 Predicted MQL: 0.072381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0664	.066	3.32	.07787	.001	1
S0	.00000	-.00006	-.000	.000	.00039	.000	1
S3	12.500	12.484	-.016	-.130	.46870	.000	1
S4	25.000	24.836	-.164	-.657	.93208	.004	1
S5	50.000	50.114	.114	.228	1.8804	.017	1



Cr 267.716 {126}

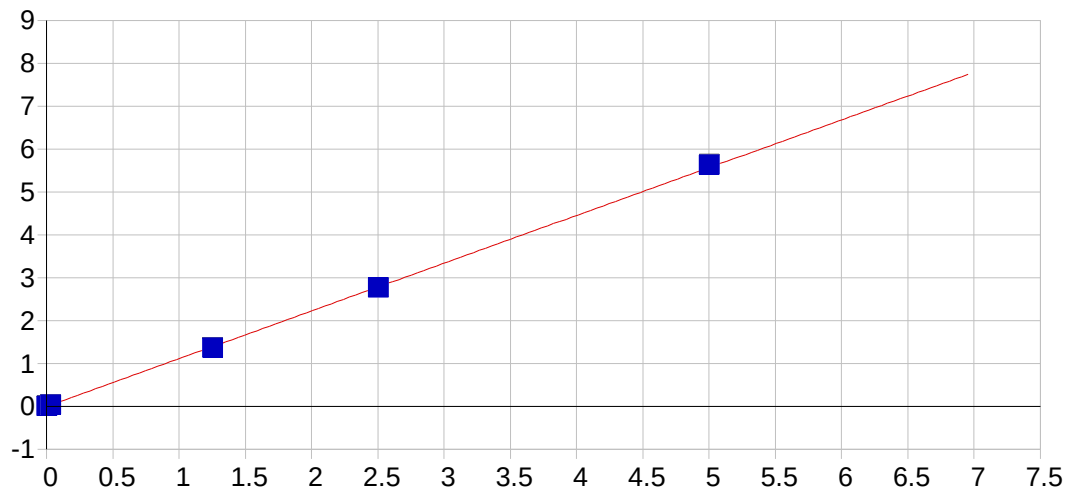
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.173288 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000015
 Predicted MDL: 0.000558
 Predicted MQL: 0.001861

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.01099	.001	9.88	.00201	.000	1
S3	.50000	.50990	.010	1.98	.08911	.000	1
S4	1.0000	1.0044	.004	.440	.17545	.000	1
S5	2.0000	1.9847	-.015	-.765	.34661	.000	1



Co 228.616 {447}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

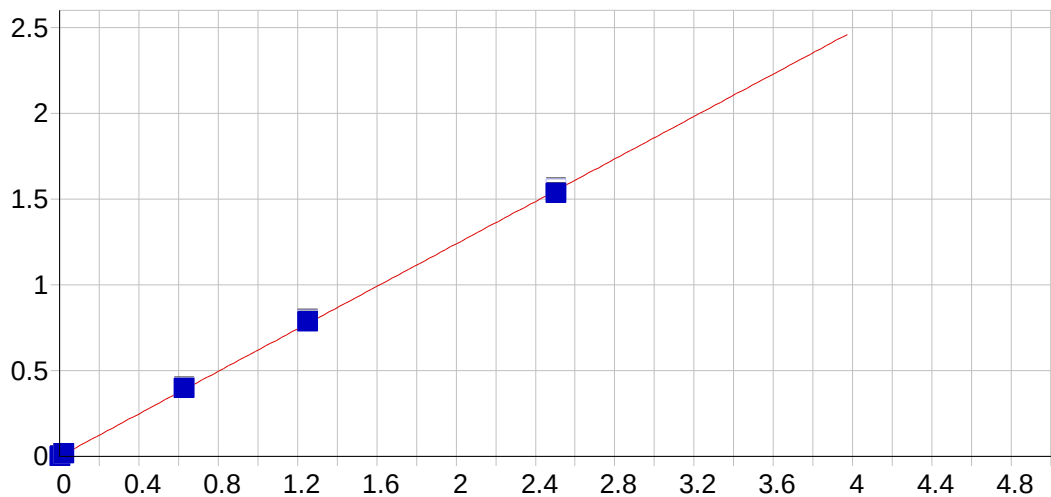
Weighting: 1/Conc

A0 (Offset): -0.000133
 A1 (Gain): 1.113710
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000347
 Predicted MDL: 0.000256
 Predicted MQL: 0.000854

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	-.00014	.000	1
S1	.03000	.03277	.003	9.22	.03613	.000	1
S3	1.2500	1.2178	-.032	-2.57	1.3573	.001	1
S4	2.5000	2.4745	-.026	-1.02	2.7579	.007	1
S5	5.0000	5.0550	.055	1.10	5.6340	.001	1

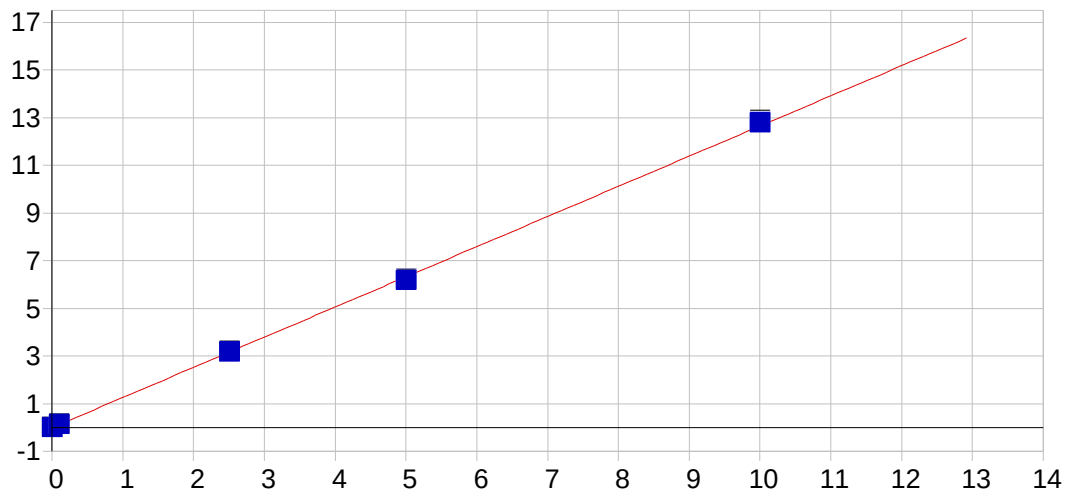


Cu 224.700 {450}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.619088 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000571
 Predicted MQL: 0.001902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.02000	.02120	.001	5.99	.01347	.000	1
S3	.62500	.63592	.011	1.75	.40099	.000	1
S4	1.2500	1.2629	.013	1.03	.79631	.003	1
S5	2.5000	2.4750	-.025	-.999	1.5611	.001	1



Fe 240.488 {140}

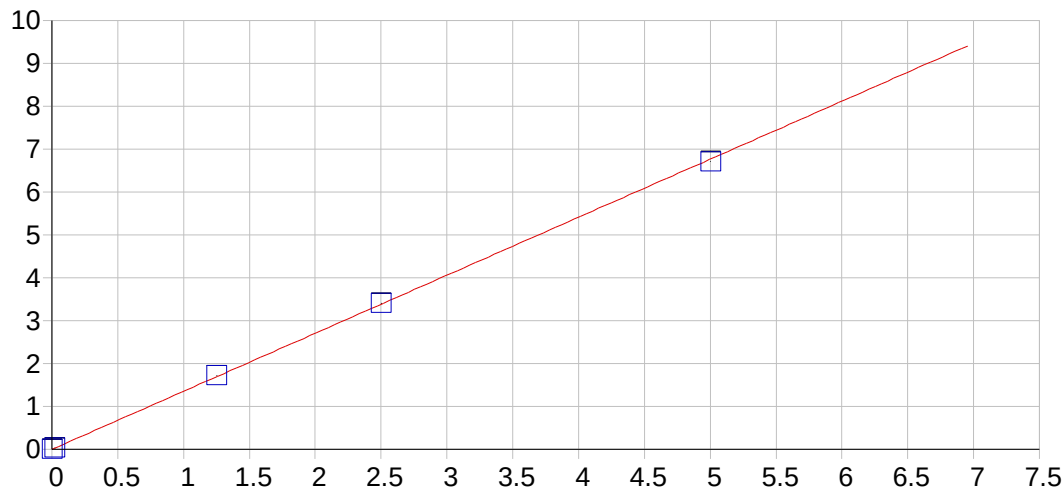
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009866 Re-Slope: 1.000000
 A1 (Gain): 1.265678 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852
 Std Error of Est: 0.001184
 Predicted MDL: 0.008052
 Predicted MQL: 0.026839

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00988	.009	1
S1	.10000	.11386	.014	13.9	.13487	.005	1
S3	2.5000	2.5009	.001	.037	3.1714	.029	1
S4	5.0000	4.8899	-.110	-2.20	6.2110	.016	1
S5	10.000	10.095	.095	.953	12.831	.049	1



Mn 257.610 {131}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

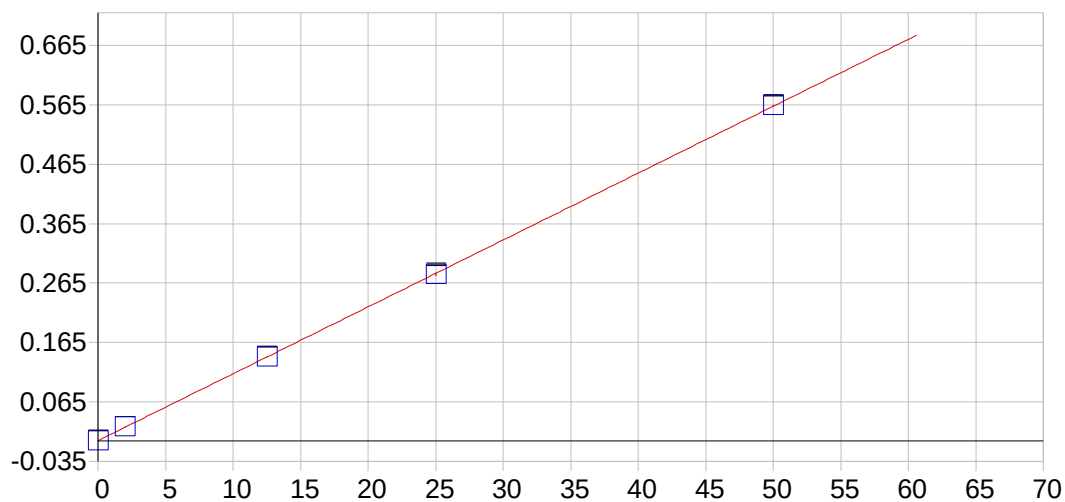
Weighting: 1/Conc

A0 (Offset): 0.000049
 A1 (Gain): 1.353045
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000275
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

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	.00004	.000	1
S1	.02000	.02283	.003	14.2	.03094	.000	1
S3	1.2500	1.2717	.022	1.73	1.7207	.001	1
S4	2.5000	2.5171	.017	.686	3.4059	.004	1
S5	5.0000	4.9583	-.042	-.833	6.7089	.002	1

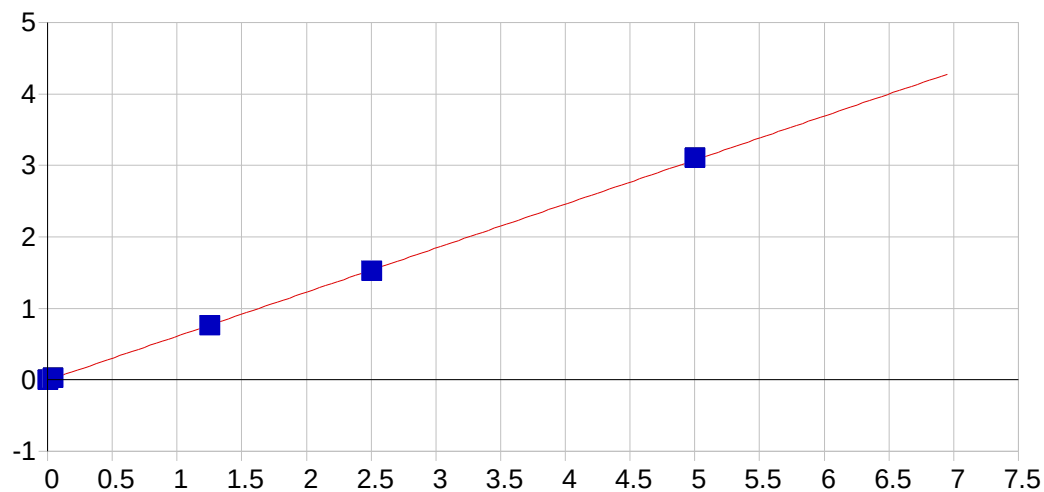


Mg 279.079 {121}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.011257 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.038851
 Predicted MQL: 0.129504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0600	.060	3.00	.02310	.000	1
S0	.00000	-.00006	-.000	.000	-.00010	.000	1
S3	12.500	12.532	.032	.254	.14098	.001	1
S4	25.000	24.850	-.150	-.602	.27964	.002	1
S5	50.000	50.059	.059	.117	.56343	.001	1



Ni 231.604 {445}

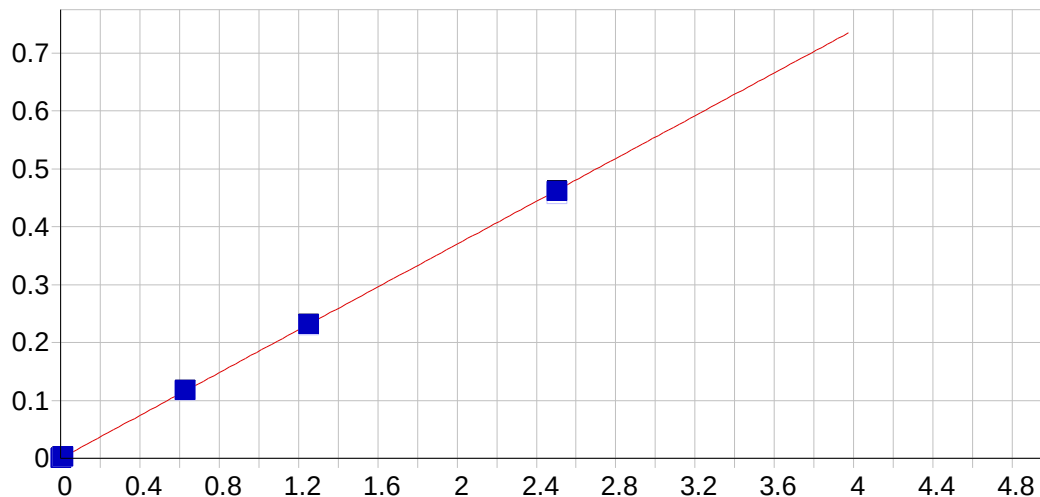
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005998 Re-Slope: 1.000000
 A1 (Gain): 0.616218 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000168
 Predicted MDL: 0.000487
 Predicted MQL: 0.001623

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00600	.000	1
S1	.04000	.04336	.003	8.40	.02073	.000	1
S3	1.2500	1.2301	-.020	-1.59	.75287	.002	1
S4	2.5000	2.4772	-.023	-.912	1.5222	.001	1
S5	5.0000	5.0393	.039	.786	3.1027	.000	1



Ag 328.068 {103}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

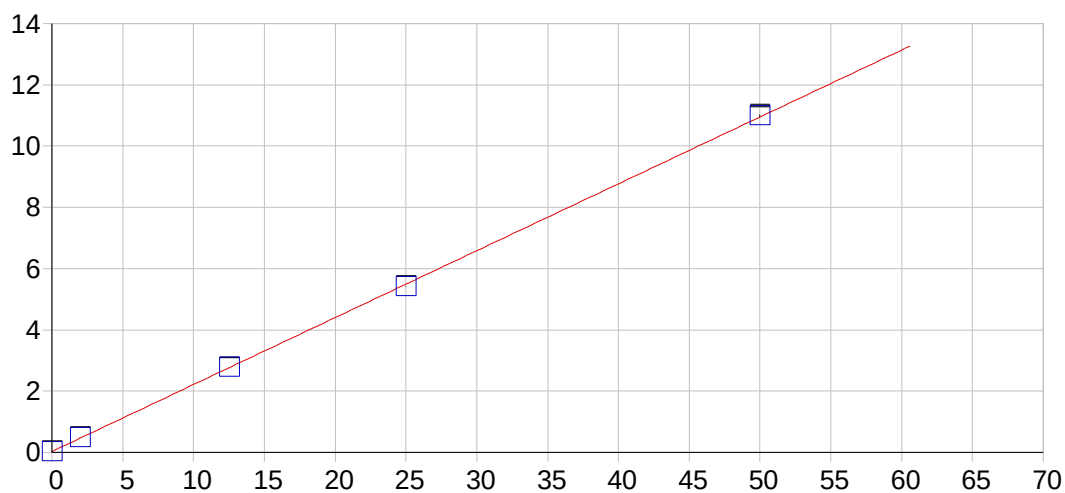
Weighting: 1/Conc

A0 (Offset): 0.000051
 A1 (Gain): 0.184937
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000009
 Predicted MDL: 0.000787
 Predicted MQL: 0.002623

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	.00005	.000	1
S1	.01000	.01059	.001	5.87	.00197	.000	1
S3	.62500	.63232	.007	1.17	.11568	.000	1
S4	1.2500	1.2498	-.000	-.018	.22856	.000	1
S5	2.5000	2.4923	-.008	-.307	.45573	.002	1

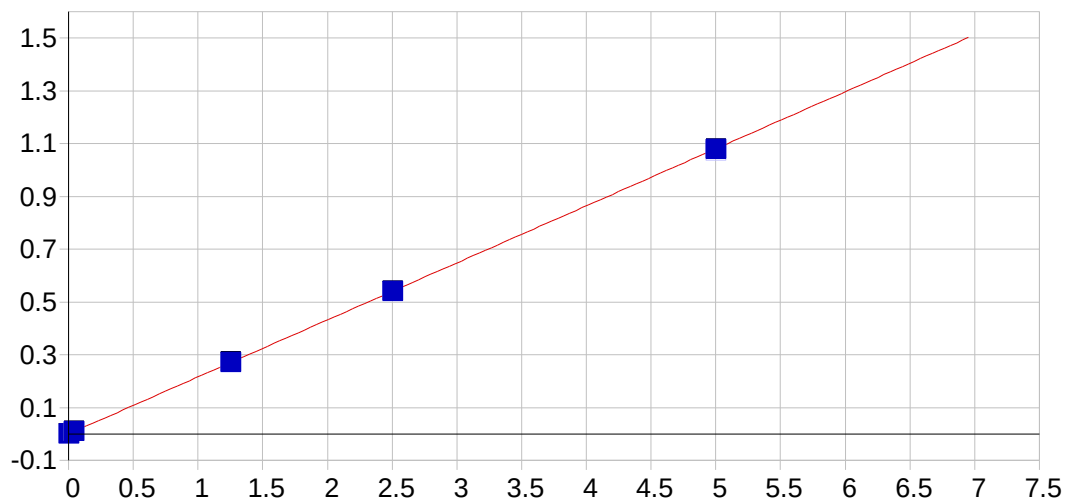


Na 589.592 { 57}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031064 Re-Slope: 1.000000
 A1 (Gain): 0.218407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.001264
 Predicted MDL: 0.011810
 Predicted MQL: 0.039366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1013	.101	5.06	.49000	.003	1
S0	.00000	-.00009	-.000	.000	.03104	.002	1
S3	12.500	12.546	.046	.366	2.7712	.003	1
S4	25.000	24.678	-.322	-1.29	5.4209	.011	1
S5	50.000	50.175	.175	.350	10.990	.049	1



V 292.402 {115}

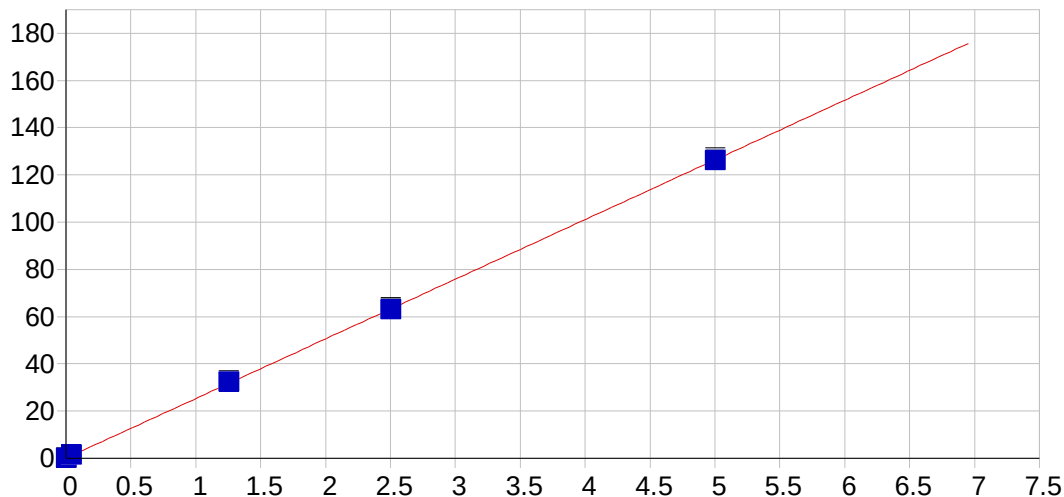
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.216087 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000046
 Predicted MDL: 0.000590
 Predicted MQL: 0.001968

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00007	.000	1
S1	.04000	.04494	.005	12.4	.00951	.000	1
S3	1.2500	1.2551	.005	.411	.26939	.001	1
S4	2.5000	2.5030	.003	.121	.53727	.000	1
S5	5.0000	4.9869	-.013	-.261	1.0705	.000	1



Zn 206.200 {163}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

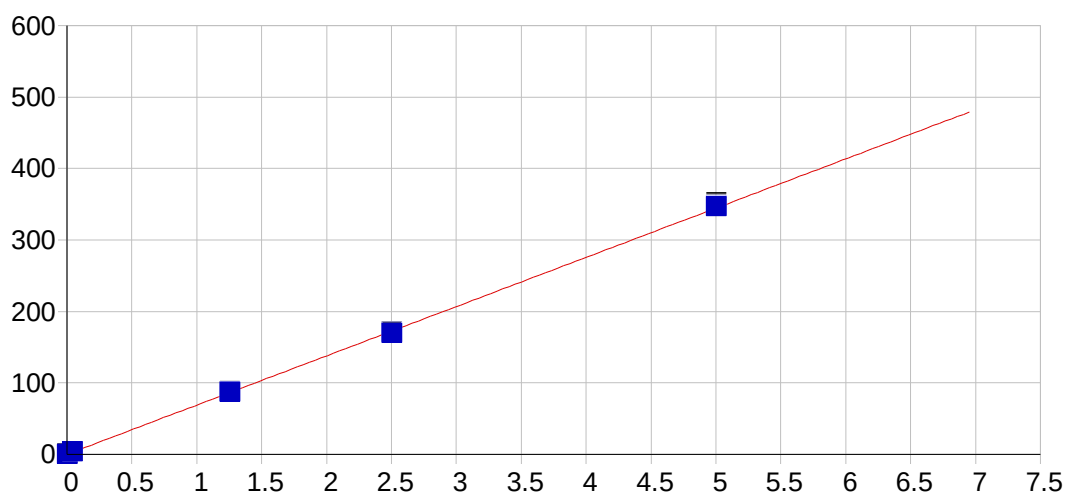
Weighting: 1/Conc

A0 (Offset): 0.035854
 A1 (Gain): 25.267743
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895
 Std Error of Est: 0.008907
 Predicted MDL: 0.000499
 Predicted MQL: 0.001663

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	.03567	.004	1
S1	.04000	.04706	.007	17.6	1.2316	.016	1
S3	1.2500	1.2744	.024	1.95	32.429	.254	1
S4	2.5000	2.4856	-.014	-.578	63.222	.490	1
S5	5.0000	4.9830	-.017	-.341	126.71	.289	1

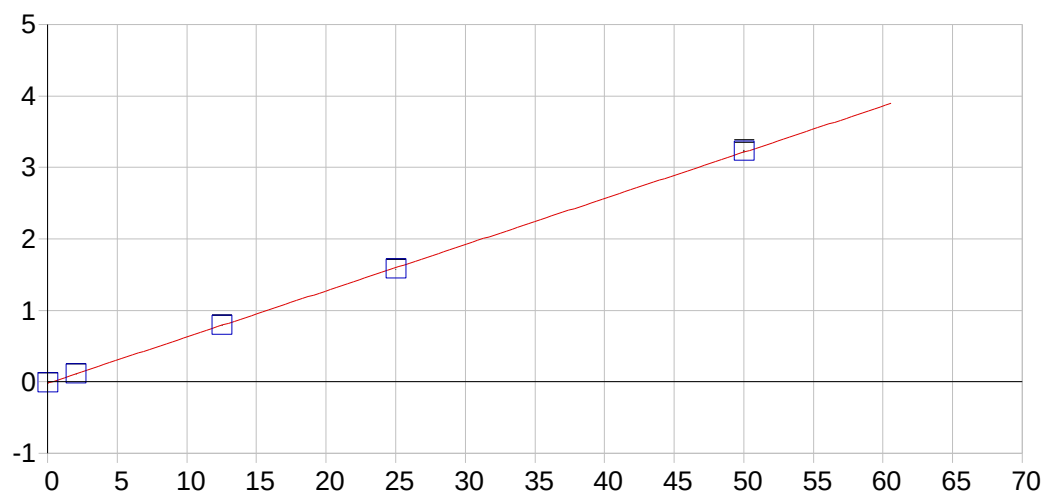


Zn 213.856 {458}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.079544 Re-Slope: 1.000000
 A1 (Gain): 68.899447 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.021635
 Predicted MDL: 0.000094
 Predicted MQL: 0.000312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.07920	.005	1
S1	.04000	.04511	.005	12.8	3.2060	.001	1
S3	1.2500	1.2600	.010	.796	87.410	.080	1
S4	2.5000	2.4604	-.040	-1.58	170.64	.832	1
S5	5.0000	5.0245	.025	.490	348.35	3.92	1



K 766.490 {44}

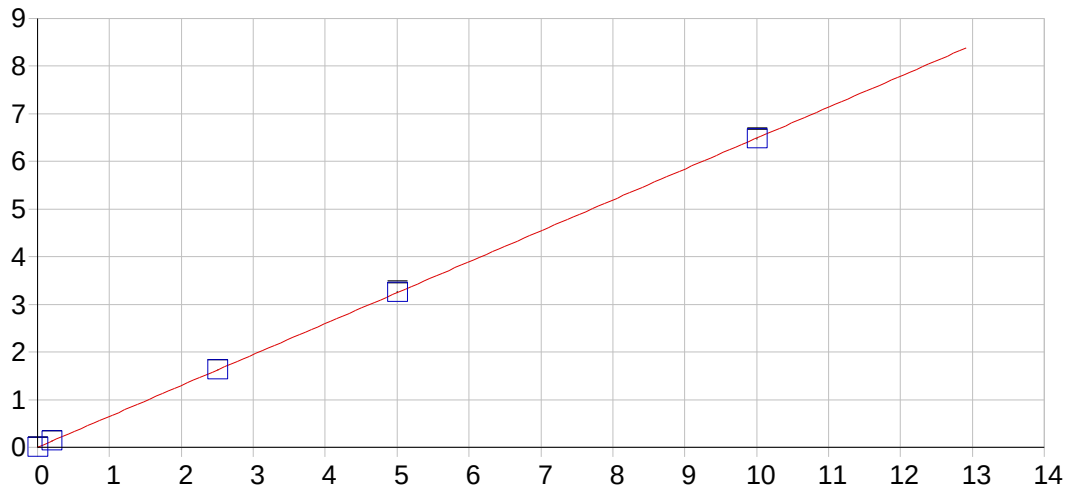
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018866 Re-Slope: 1.000000
 A1 (Gain): 0.064625 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000273
 Predicted MDL: 0.042935
 Predicted MQL: 0.143117

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0298	.030	1.49	.11231	.002	1
S0	.00000	-.00002	-.000	.000	-.01887	.000	1
S3	12.500	12.506	.006	.047	.78933	.001	1
S4	25.000	24.702	-.298	-1.19	1.5775	.006	1
S5	50.000	50.262	.262	.524	3.2293	.017	1



Mo 202.030 {467}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

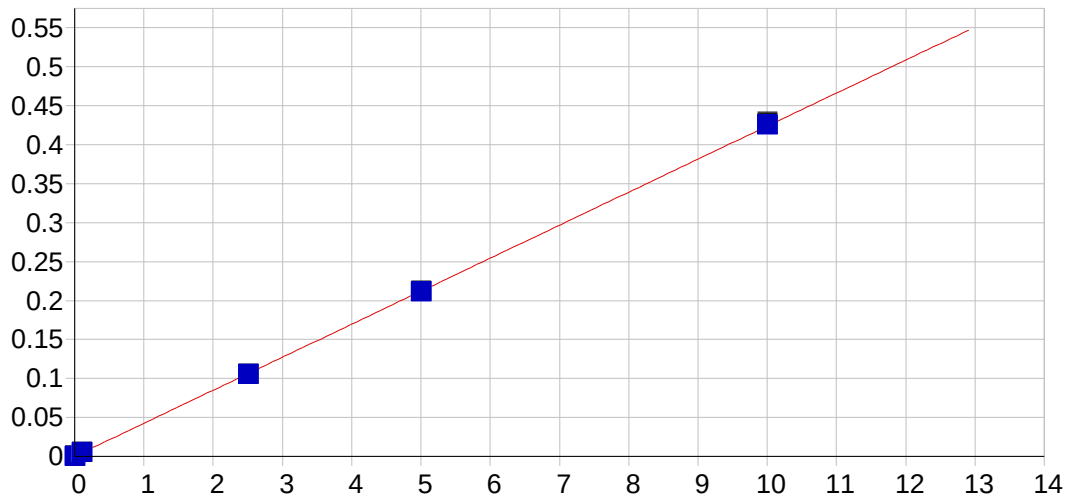
Weighting: 1/Conc

A0 (Offset): 0.000209
 A1 (Gain): 0.648992
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000276
 Predicted MDL: 0.000329
 Predicted MQL: 0.001096

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	.00020	.000	1
S1	.20000	.20890	.009	4.45	.13578	.001	1
S3	2.5000	2.5009	.001	.035	1.6233	.003	1
S4	5.0000	5.0184	.018	.368	3.2571	.014	1
S5	10.000	9.9718	-.028	-.282	6.4718	.010	1

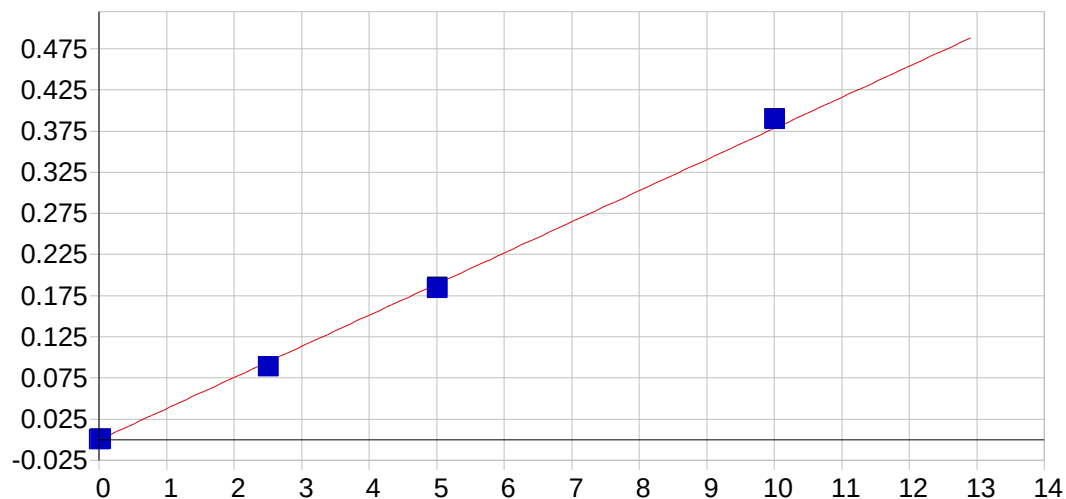


B 249.678 {135}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000135 Re-Slope: 1.000000
 A1 (Gain): 0.042376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.008572
 Predicted MQL: 0.028572

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.10000	.10479	.005	4.79	.00456	.000	1
S3	2.5000	2.4745	-.026	-1.02	.10475	.000	1
S4	5.0000	4.9806	-.019	-.387	.21070	.000	1
S5	10.000	10.040	.040	.401	.42461	.003	1



S 182.034 {485}

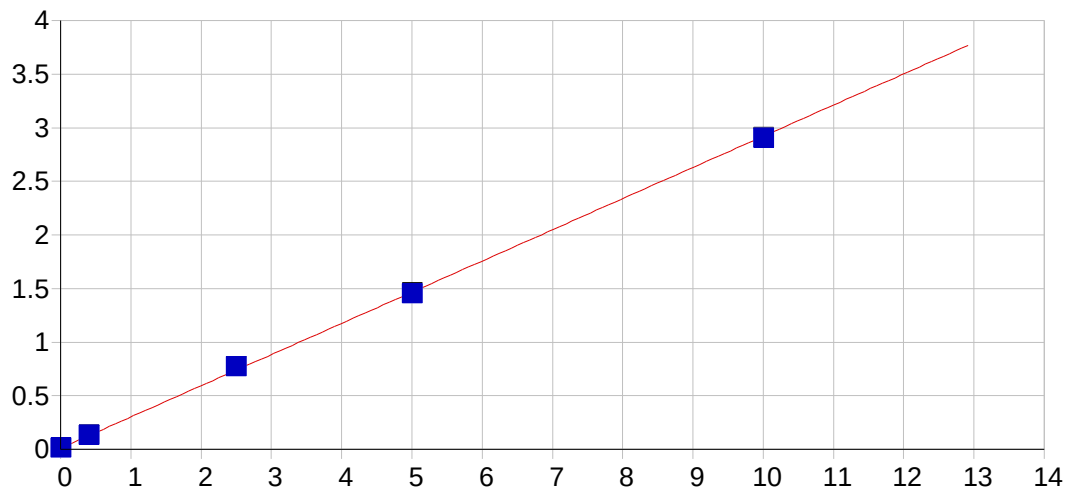
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.037813 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999359
 Std Error of Est: 0.000033
 Predicted MDL: 0.003541
 Predicted MQL: 0.011804

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.02000	.01866	-.001	-6.68	.00062	.000	1
S3	2.5000	2.3409	-.159	-6.36	.08835	.000	1
S4	5.0000	4.8664	-.134	-2.67	.18374	.001	1
S5	10.000	10.294	.294	2.94	.38876	.000	1



Si 288.158 {117}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

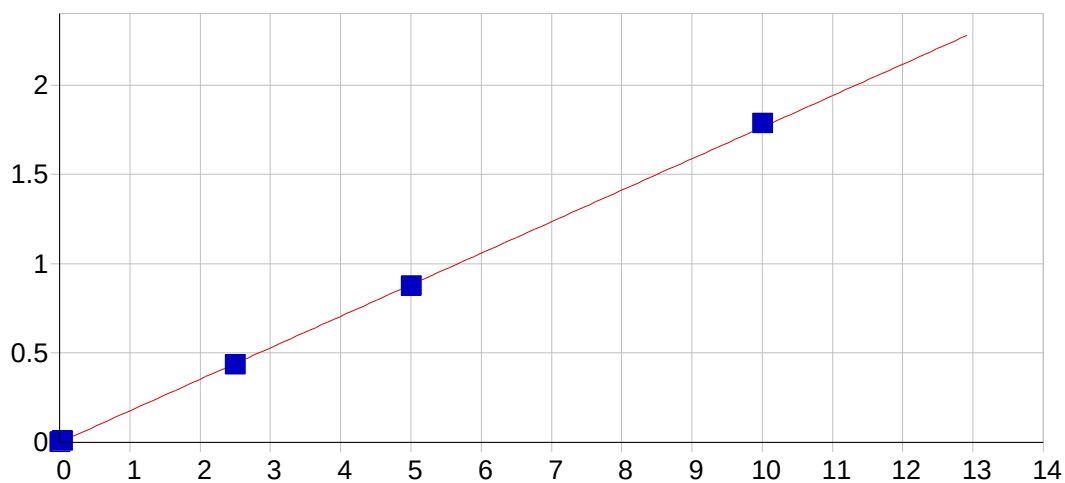
Weighting: 1/Conc

A0 (Offset): 0.010992
 A1 (Gain): 0.290938
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834
 Std Error of Est: 0.000578
 Predicted MDL: 0.003229
 Predicted MQL: 0.010762

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01099	.001	1
S1	.40000	.40797	.008	1.99	.12959	.001	1
S3	2.5000	2.6094	.109	4.38	.76979	.003	1
S4	5.0000	4.9465	-.054	-1.07	1.4493	.008	1
S5	10.000	9.9361	-.064	-.639	2.9002	.007	1

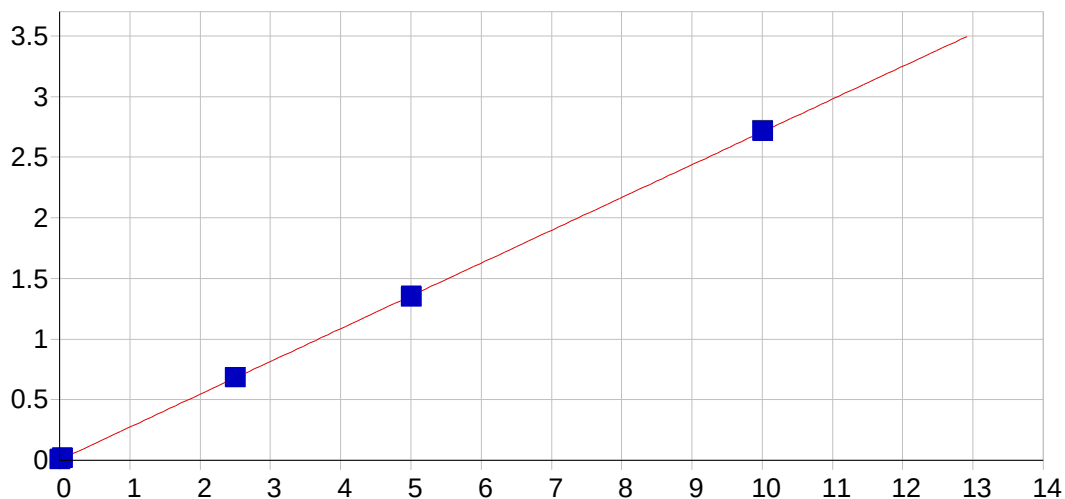


Sn 189.989 {477}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000551 Re-Slope: 1.000000
 A1 (Gain): 0.176351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.000781
 Predicted MQL: 0.002602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00055	.000	1
S1	.04000	.04158	.002	3.94	.00788	.000	1
S3	2.5000	2.4453	-.055	-2.19	.43185	.000	1
S4	5.0000	4.9469	-.053	-1.06	.87310	.002	1
S5	10.000	10.106	.106	1.06	1.7831	.000	1



Ti 336.121 {100}

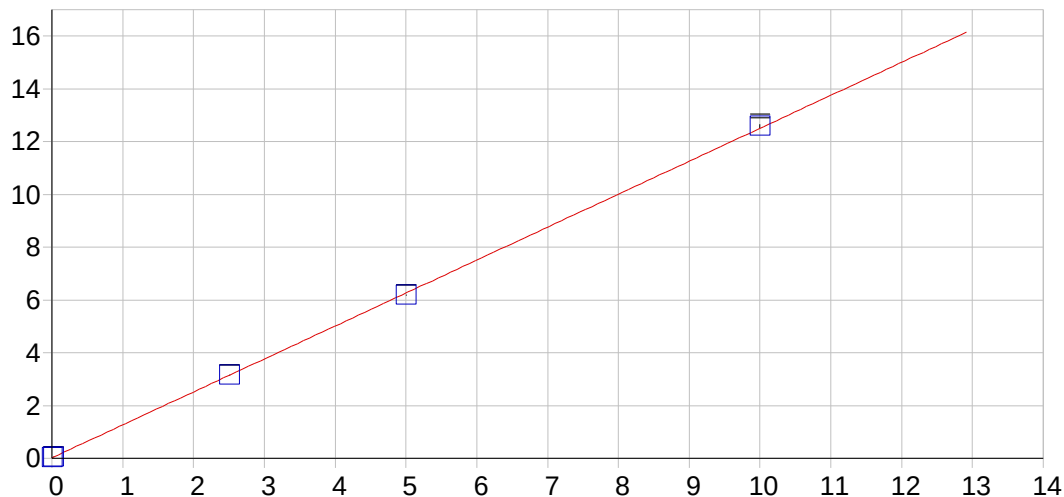
Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003797 Re-Slope: 1.000000
 A1 (Gain): 0.270440 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000066
 Predicted MDL: 0.002290
 Predicted MQL: 0.007633

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00380	.001	1
S1	.04000	.04525	.005	13.1	.01603	.000	1
S3	2.5000	2.5011	.001	.042	.68009	.000	1
S4	5.0000	4.9712	-.029	-.577	1.3480	.005	1
S5	10.000	10.023	.023	.225	2.7139	.005	1



Li 670.784 { 50}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

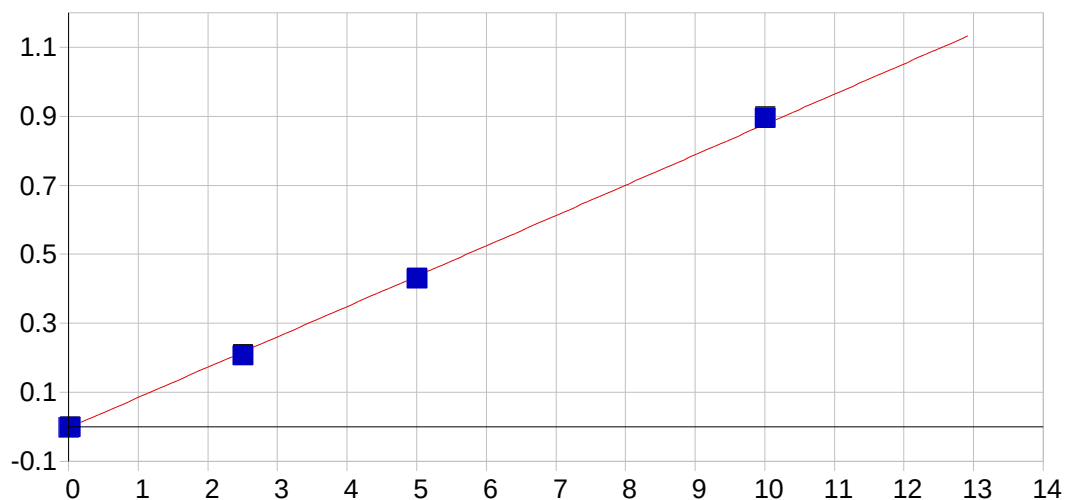
Weighting: 1/Conc

A0 (Offset): 0.018144
 A1 (Gain): 1.248746
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000243
 Predicted MDL: 0.002129
 Predicted MQL: 0.007095

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	.01814	.003	1
S1	.02000	.02072	.001	3.61	.04402	.001	1
S3	2.5000	2.5049	.005	.195	3.1461	.000	1
S4	5.0000	4.9375	-.063	-1.25	6.1838	.004	1
S5	10.000	10.057	.057	.569	12.577	.071	1

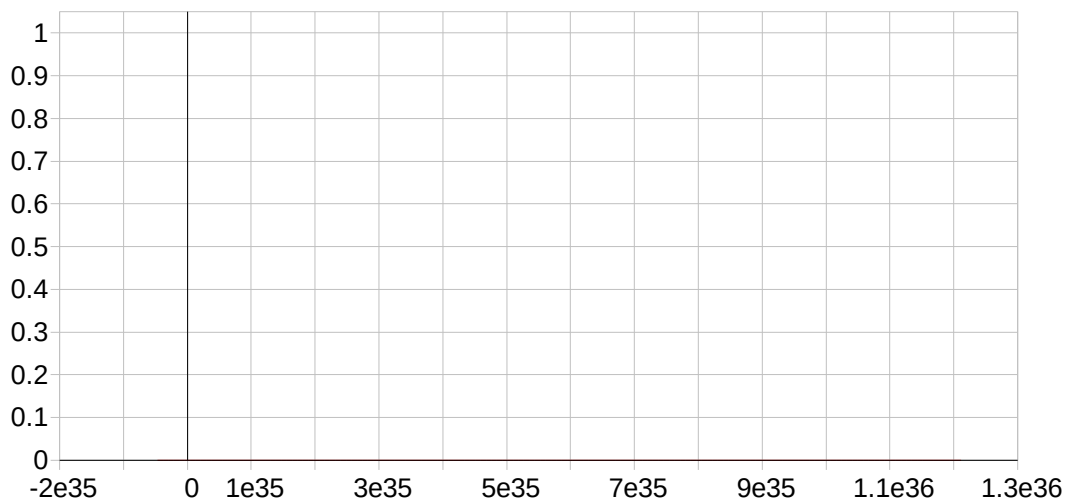


P 177.495 {490}

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002939 Re-Slope: 1.000000
 A1 (Gain): 0.087916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999663 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.001743
 Predicted MQL: 0.005811

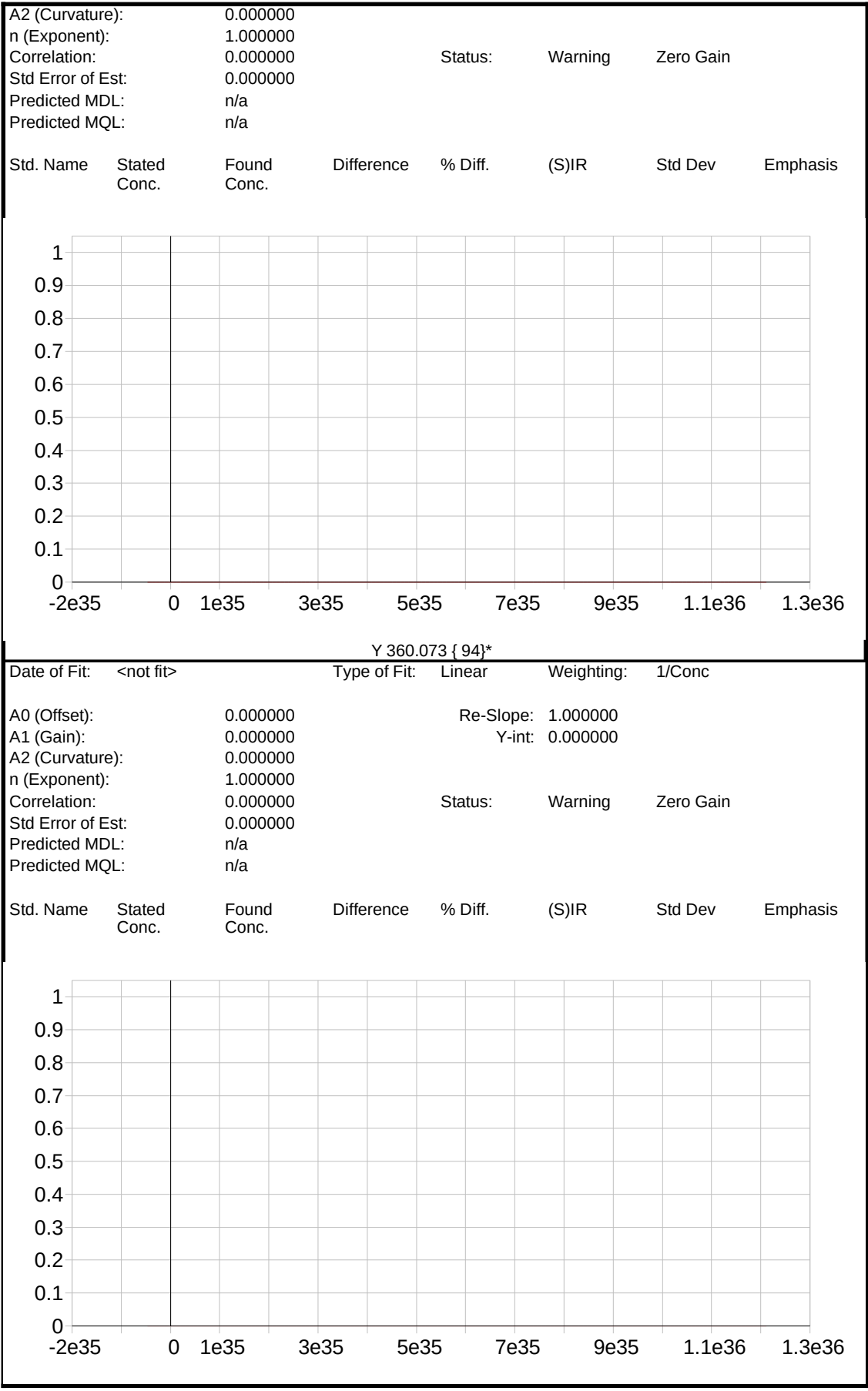
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00294	.000	1
S1	.02000	.01812	-.002	-9.39	-.00135	.000	1
S3	2.5000	2.3823	-.118	-4.71	.20618	.001	1
S4	5.0000	4.9092	-.091	-1.82	.42802	.001	1
S5	10.000	10.210	.210	2.10	.89345	.003	1

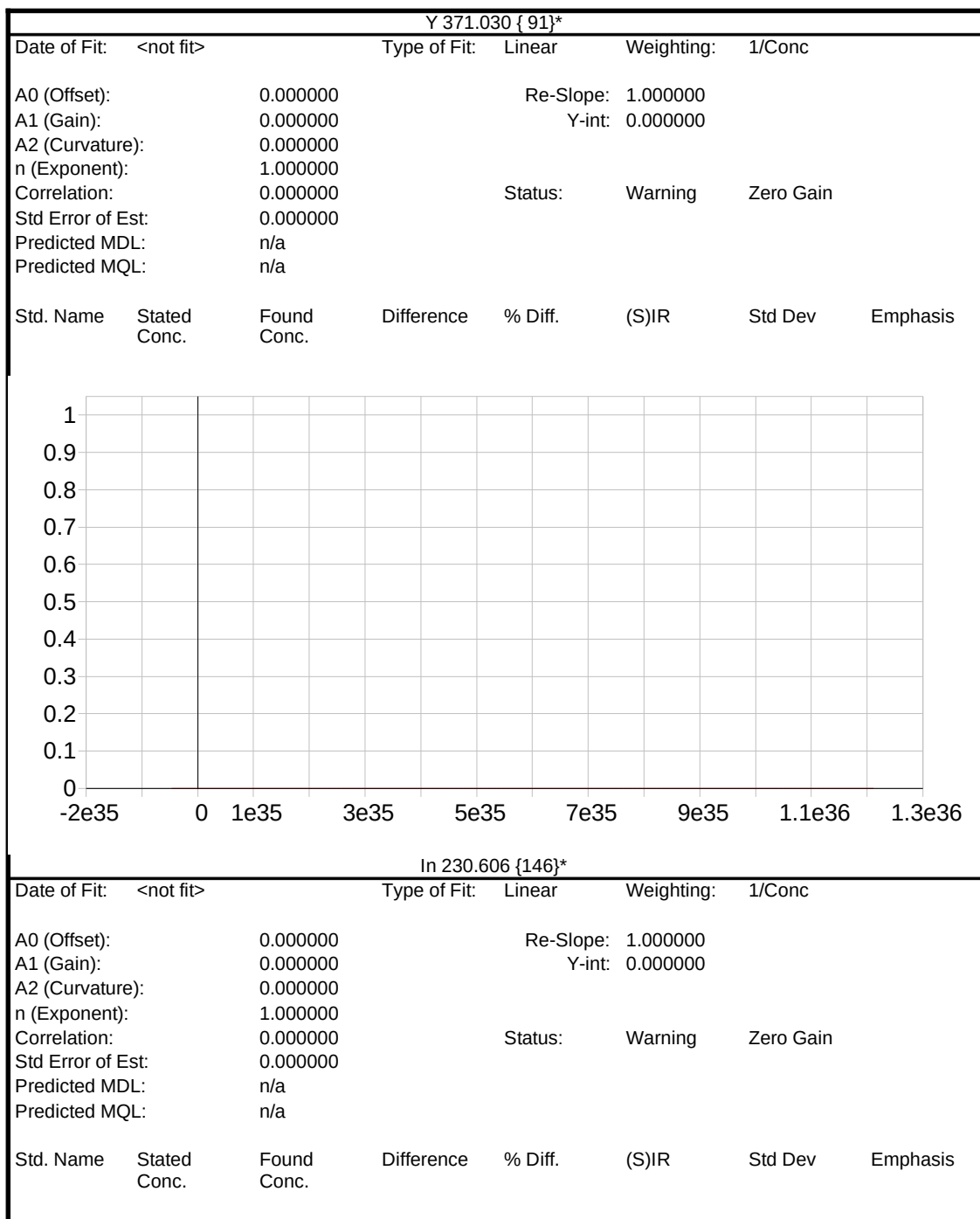


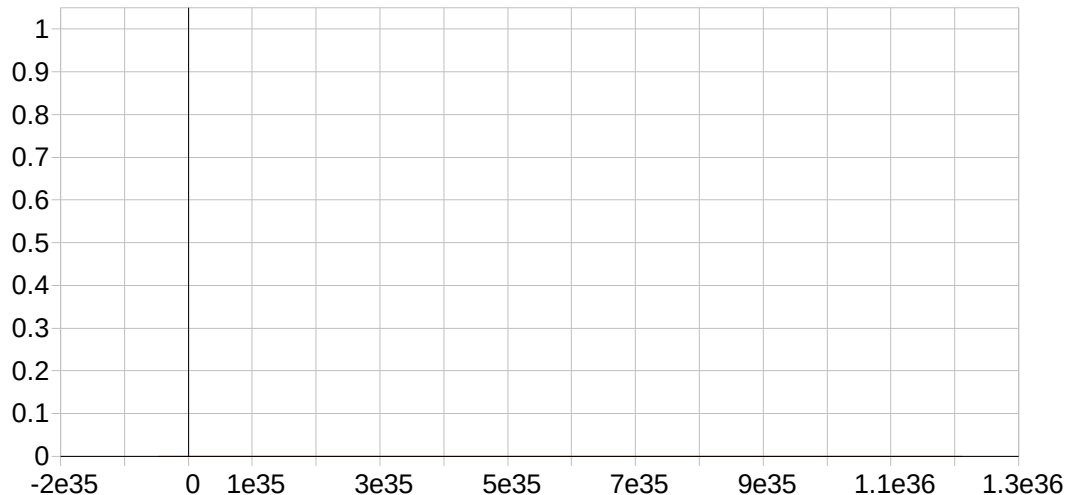
Y 224.306 {450}*

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

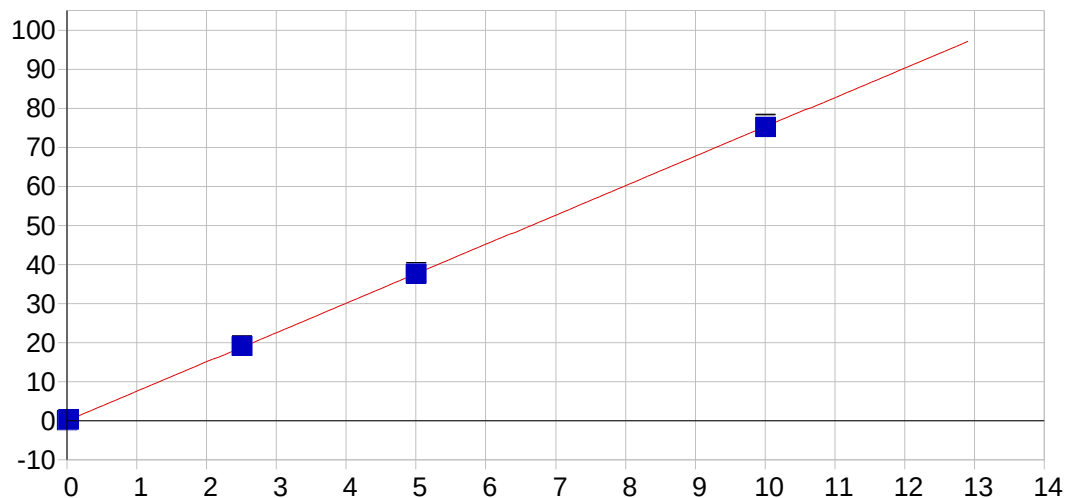
Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 11/9/2018 11:44:10

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006548

Re-Slope: 1.000000

A1 (Gain): 7.522055

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999983

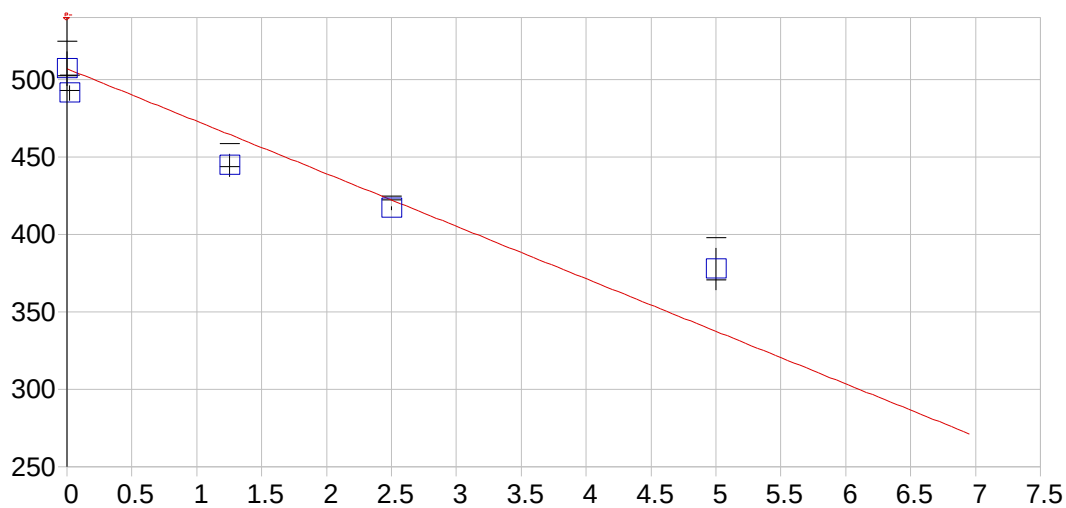
Status: OK.

Std Error of Est: 0.001054

Predicted MDL: 0.000144

Predicted MQL: 0.000480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00656	.000	1
S1	.02000	.02186	.002	9.28	.15868	.001	1
S3	2.5000	2.5294	.029	1.18	19.040	.043	1
S4	5.0000	4.9849	-.015	-.303	37.531	.281	1
S5	10.000	9.9839	-.016	-.161	75.176	.663	1

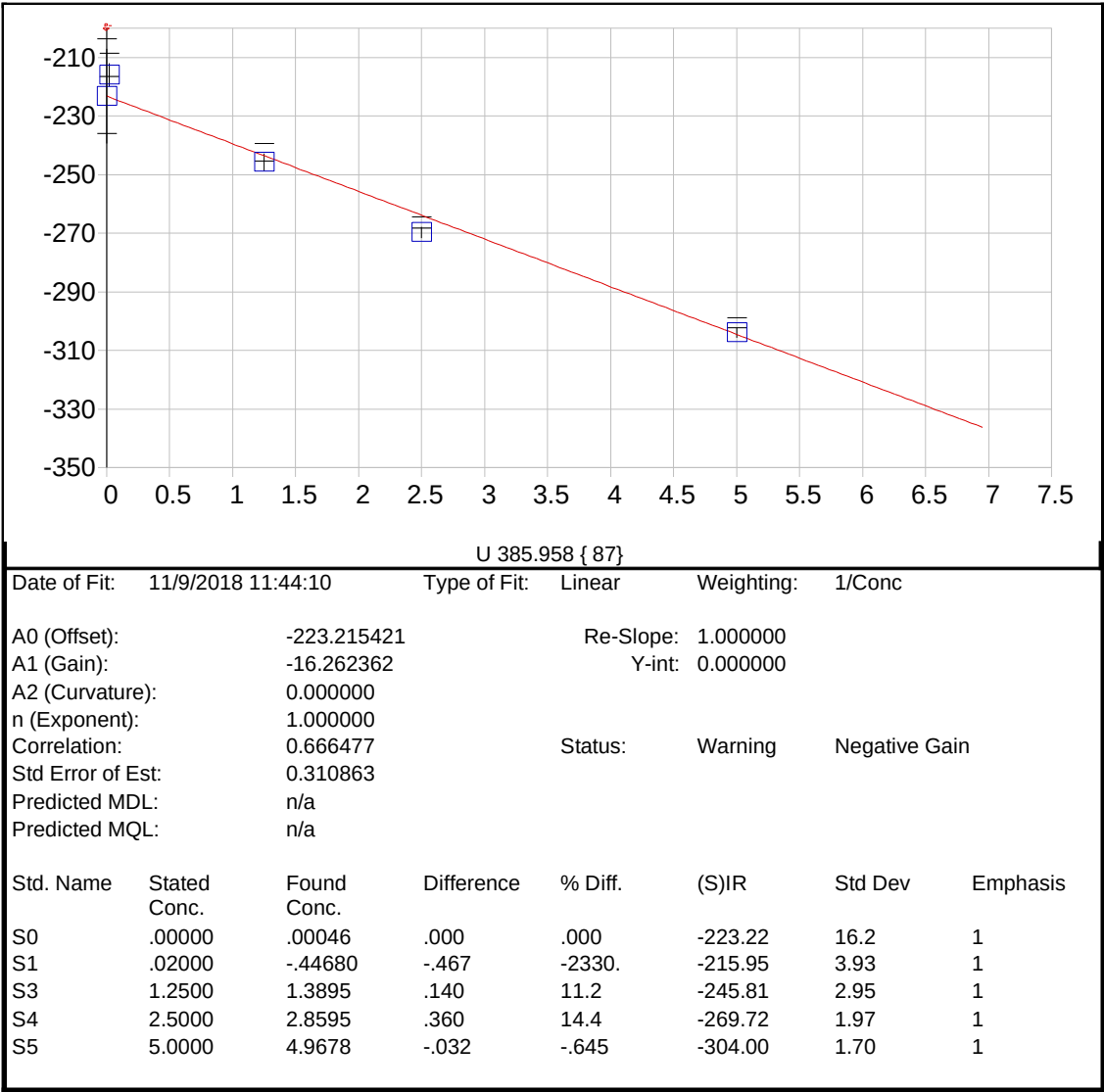


U 367.007 { 92 }

Date of Fit: 11/9/2018 11:44:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 506.970661 Re-Slope: 1.000000
 A1 (Gain): -33.903512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.676724 Status: Warning Negative Gain
 Std Error of Est: 0.630317
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00045	-.000	.000	506.99	11.0	1
S1	.02000	.46281	.443	2210.	491.28	5.06	1
S3	1.2500	1.8359	.586	46.9	444.73	7.41	1
S4	2.5000	2.6572	.157	6.29	416.88	1.11	1
S5	5.0000	3.8141	-1.19	-23.7	377.66	13.8	1



Sample Name: S0 Acquired: 11/9/2018 11:20:45 Type: Cal
Method: P4-ICP2(v2560) 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	-.00010	-.00067	.00288	-.00033	.00036	-.00010	.07246	.00009
Stddev	.00011	.00002	.00004	.00009	.00016	.00000	.00291	.00007
%RSD	115.60	3.4172	1.3881	27.323	43.430	.97003	4.0119	71.154
#1	-.00017	-.00069	.00290	-.00040	.00025	-.00010	.07040	.00014
#2	-.00002	-.00066	.00285	-.00027	.00047	-.00010	.07451	.00005
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	-.00090	.00039	.00010	-.00014	.00012	-.00988	.00004	-.00010
Stddev	.00017	.00018	.00011	.00001	.00004	.00856	.00002	.00034
%RSD	19.013	46.804	111.45	7.8185	35.533	86.623	36.454	351.71
#1	-.00102	.00026	.00002	-.00013	.00015	-.01594	.00003	-.00033
#2	-.00078	.00052	.00018	-.00014	.00009	-.00383	.00006	.00014
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	-.00600	.00005	.03104	-.00007	.07920	-.01887	.00020	.00013
Stddev	.00006	.00005	.00170	.00004	.00501	.00041	.00007	.00013
%RSD	1.0320	92.205	5.4815	64.209	6.3274	2.1635	33.031	93.516
#1	-.00604	.00008	.03225	-.00004	.08274	-.01858	.00025	.00005
#2	-.00596	.00002	.02984	-.00010	.07566	-.01916	.00016	.00022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00007	.01099	.00055	.00380	.01814	-.0029	-.00656	506.99
Stddev	.00007	.00063	.00006	.00056	.00271	.0001	.00011	11.01
%RSD	101.51	5.7039	10.519	14.760	14.957	4.889	1.6375	2.1710
#1	-.00012	.01143	.00059	.00340	.01622	-.0028	-.00649	499.20
#2	-.00002	.01054	.00051	.00419	.02006	-.0030	-.00664	514.77

Sample Name: S0 Acquired: 11/9/2018 11:20:45 Type: Cal
Method: P4-ICP2(v2560) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-223.22
Stddev	16.17
%RSD	7.2448

#1	-211.79
#2	-234.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.2	51039.	5651.8	145.07	4471.8
Stddev	18.8	40.	22.0	1.04	12.4
%RSD	.46821	.07845	.38967	.71895	.27835

#1	3995.0	51011.	5667.3	144.33	4463.0
#2	4021.5	51067.	5636.2	145.81	4480.6

Sample Name: S1 Acquired: 11/9/2018 11:24:48 Type: Cal
Method: P4-ICP2(v2560) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00117	.00617	.00605	.00117	.00794	.00088	.50121	.00590
Stddev	.00002	.00008	.00016	.00011	.00023	.00003	.00345	.00003
%RSD	1.7293	1.3736	2.6302	9.2855	2.9319	3.4404	.68837	.47957

#1	.00116	.00611	.00594	.00109	.00811	.00090	.50365	.00592
#2	.00119	.00623	.00617	.00124	.00778	.00086	.49877	.00588

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	.01774	.00201	.03613	.01347	.13487	.03094	.02073	.00197
Stddev	.00015	.00002	.00029	.00003	.00458	.00018	.00009	.00013
%RSD	.83460	1.0787	.79885	.20941	3.3980	.58889	.45377	6.7163

#1	.01763	.00200	.03634	.01345	.13811	.03107	.02067	.00188
#2	.01784	.00203	.03593	.01349	.13163	.03081	.02080	.00206

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	.00951	3.2060	.13578	.00456	.00062	.12959	.00788	.01603
Stddev	.00004	.0011	.00125	.00011	.00000	.00088	.00010	.00022
%RSD	.39219	.03292	.91822	2.3558	.59055	.67764	1.2415	1.3434

#1	.00954	3.2052	.13666	.00448	.00062	.13021	.00795	.01618
#2	.00948	3.2067	.13490	.00463	.00061	.12897	.00781	.01588

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04402	-.0014	.15868	491.28	-215.95
Stddev	.00091	.0002	.00139	5.06	3.93
%RSD	2.0593	15.99	.87617	1.0307	1.8178

#1	.04466	-.0012	.15966	494.86	-213.17
#2	.04338	-.0015	.15769	487.70	-218.73

Sample Name: S1 Acquired: 11/9/2018 11:24:48 Type: Cal
Method: P4-ICP2(v2560) 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	3966.8	50491.	5592.0	142.04	4389.4
Stddev	21.9	99.	16.4	.77	17.5
%RSD	.55095	.19661	.29262	.53930	.39811
#1	3951.4	50421.	5580.4	142.58	4377.0
#2	3982.3	50561.	5603.5	141.50	4401.8

Sample Name: S2 Acquired: 11/9/2018 11:28:51 Type: Cal
Method: P4-ICP2(v2560) 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	.07787	.02310	.49000	.11231
Stddev	.00069	.00016	.00328	.00181
%RSD	.88752	.69723	.67019	1.6115

#1	.07738	.02298	.49232	.11359
#2	.07836	.02321	.48767	.11103

Int. Std.	Y_3710
Units	Cts/S
Avg	5590.1
Stddev	29.1
%RSD	.52130

#1	5569.5
#2	5610.7

Sample Name: S3 Acquired: 11/9/2018 11:32:47 Type: Cal
Method: P4-ICP2(v2560) 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	.13319	.37579	.68138	.16382	.34507	.03936	19.659	.11667
Stddev	.00018	.00096	.00036	.00106	.00005	.00013	.060	.00013
%RSD	.13586	.25498	.05240	.64852	.01442	.32118	.30681	.11192

#1	.13332	.37647	.68163	.16457	.34511	.03927	19.702	.11658
#2	.13307	.37511	.68113	.16307	.34504	.03945	19.617	.11677

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9102	.46870	.08911	1.3573	.40099	3.1714	1.7207	.14098
Stddev	.0127	.00018	.00036	.0010	.00012	.0286	.0013	.00053
%RSD	.32500	.03778	.39976	.07105	.03078	.90085	.07658	.37425

#1	3.9192	.46858	.08936	1.3579	.40108	3.1512	1.7198	.14060
#2	3.9012	.46883	.08885	1.3566	.40091	3.1916	1.7216	.14135

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	.75287	.11568	2.7712	.26939	87.410	.78933	1.6233	.10475
Stddev	.00171	.00045	.0034	.00145	.080	.00091	.0027	.00030
%RSD	.22761	.38887	.12270	.53771	.09107	.11577	.16388	.28526

#1	.75408	.11536	2.7736	.26836	87.354	.78869	1.6251	.10496
#2	.75166	.11600	2.7688	.27041	87.467	.78998	1.6214	.10453

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	.08835	.76979	.43185	.68009	3.1461	.2062	19.040	444.73
Stddev	.00016	.00268	.00001	.00011	.0004	.0011	.043	7.41
%RSD	.18384	.34813	.00306	.01587	.01271	.5544	.22516	1.6660

#1	.08846	.77168	.43184	.68002	3.1464	.2070	19.071	439.49
#2	.08823	.76789	.43186	.68017	3.1458	.2054	19.010	449.97

Sample Name: S3 Acquired: 11/9/2018 11:32:47 Type: Cal
Method: P4-ICP2(v2560) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-245.81
Stddev	2.95
%RSD	1.2014

#1	-247.90
#2	-243.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.5	49144.	5575.6	138.09	4067.9
Stddev	16.7	129.	64.2	.11	15.0
%RSD	.43068	.26232	1.1520	.08062	.36935

#1	3854.7	49053.	5530.1	138.01	4057.3
#2	3878.2	49235.	5621.0	138.17	4078.5

Sample Name: S4 Acquired: 11/9/2018 11:36:34 Type: Cal
Method: P4-ICP2(v2560) 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	.27013	.75612	1.3722	.32875	.69684	.07973	38.928	.23304
Stddev	.00071	.00016	.0013	.00111	.00388	.00029	.225	.00063
%RSD	.26311	.02108	.09475	.33799	.55724	.36590	.57718	.26849

#1	.26963	.75623	1.3713	.32796	.69409	.07994	39.087	.23260
#2	.27063	.75600	1.3731	.32953	.69958	.07953	38.770	.23348

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	7.9529	.93208	.17545	2.7579	.79631	6.2110	3.4059	.27964
Stddev	.0144	.00354	.00014	.0069	.00286	.0155	.0044	.00223
%RSD	.18046	.37970	.08255	.24892	.35960	.24972	.12863	.79710

#1	7.9427	.92958	.17534	2.7530	.79428	6.2220	3.4090	.28122
#2	7.9630	.93458	.17555	2.7627	.79833	6.2001	3.4028	.27807

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	1.5222	.22856	5.4209	.53727	170.64	1.5775	3.2571	.21070
Stddev	.0013	.00015	.0112	.00006	.83	.0059	.0141	.00048
%RSD	.08527	.06371	.20660	.01187	.48783	.37404	.43294	.22830

#1	1.5213	.22866	5.4288	.53723	170.05	1.5817	3.2471	.21104
#2	1.5231	.22845	5.4129	.53732	171.23	1.5734	3.2671	.21036

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	.18374	1.4493	.87310	1.3480	6.1838	.4280	37.531	416.88
Stddev	.00089	.0083	.00241	.0052	.0037	.0010	.281	1.11
%RSD	.48330	.57413	.27636	.38720	.05997	.2446	.74975	.26532

#1	.18311	1.4435	.87139	1.3517	6.1865	.4273	37.730	417.67
#2	.18436	1.4552	.87481	1.3443	6.1812	.4288	37.332	416.10

Sample Name: S4 Acquired: 11/9/2018 11:36:34 Type: Cal
Method: P4-ICP2(v2560) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-269.72
Stddev	1.97
%RSD	.73083

#1	-268.32
#2	-271.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.0	47864.	5513.7	137.26	3851.1
Stddev	2.6	145.	8.2	.38	5.0
%RSD	.06835	.30264	.14909	.27655	.12945

#1	3736.8	47762.	5519.5	137.53	3847.6
#2	3733.2	47967.	5507.9	136.99	3854.7

Sample Name: S5 Acquired: 11/9/2018 11:40:19 Type: Cal
Method: P4-ICP2(v2560) 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	.54495	1.5139	2.7950	.66071	1.3996	.16297	78.955	.46427
Stddev	.00081	.0032	.0026	.00144	.0039	.00009	.900	.00080
%RSD	.14860	.20887	.09312	.21786	.27589	.05792	1.1402	.17160

#1	.54552	1.5161	2.7931	.66173	1.4023	.16304	78.318	.46370
#2	.54438	1.5116	2.7968	.65969	1.3968	.16290	79.591	.46483

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	16.266	1.8804	.34661	5.6340	1.5611	12.831	6.7089	.56343
Stddev	.021	.0167	.00006	.0011	.0006	.049	.0016	.00116
%RSD	.12963	.88911	.01772	.01882	.03529	.38094	.02354	.20661

#1	16.281	1.8685	.34657	5.6347	1.5615	12.866	6.7100	.56260
#2	16.251	1.8922	.34666	5.6332	1.5607	12.797	6.7078	.56425

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1027	.45573	10.990	1.0705	348.35	3.2293	6.4718	.42461
Stddev	.0003	.00168	.049	.0000	3.92	.0170	.0096	.00294
%RSD	.00862	.36866	.44640	.00359	1.1257	.52525	.14889	.69201

#1	3.1025	.45454	10.955	1.0705	351.12	3.2173	6.4787	.42253
#2	3.1029	.45692	11.024	1.0705	345.58	3.2413	6.4650	.42668

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	.38876	2.9002	1.7831	2.7139	12.577	.8934	75.176	377.66
Stddev	.00049	.0068	.0004	.0047	.071	.0026	.663	13.80
%RSD	.12710	.23570	.02101	.17445	.56624	.2957	.88246	3.6540

#1	.38911	2.8954	1.7828	2.7106	12.526	.8953	74.706	367.90
#2	.38841	2.9051	1.7834	2.7173	12.627	.8916	75.645	387.42

Sample Name: S5 Acquired: 11/9/2018 11:40:19 Type: Cal
Method: P4-ICP2(v2560) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-304.00
Stddev	1.70
%RSD	.55989

#1	-302.80
#2	-305.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.0	46171.	5348.8	128.90	3579.6
Stddev	4.0	172.	5.5	1.40	1.3
%RSD	.11145	.37333	.10288	1.0822	.03604

#1	3605.1	46049.	5352.7	127.92	3578.7
#2	3610.8	46293.	5344.9	129.89	3580.6

Sample Name: ICV01 Acquired: 11/9/2018 11:44:14 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0070	1.0387	.99874	1.0156	1.0047	2.5860	.51820	.50149
Stddev	.0020	.0060	.00199	.0016	.0026	.0354	.00440	.00018
%RSD	.20212	.58036	.19886	.15652	.25909	1.3693	.84939	.03685
#1	1.0085	1.0430	1.0001	1.0167	1.0065	2.5609	.52131	.50162
#2	1.0056	1.0344	.99734	1.0145	1.0028	2.6110	.51508	.50136
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48616	10.431	.51295	.49703	.51551	5.0681	.51351	6.1496
Stddev	.00067	.117	.00047	.00101	.00178	.0250	.00080	.0014
%RSD	.13689	1.1216	.09200	.20224	.34572	.49426	.15625	.02327
#1	.48663	10.514	.51329	.49774	.51677	5.0504	.51408	6.1506
#2	.48569	10.348	.51262	.49632	.51425	5.0858	.51294	6.1486
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49939	.51163	10.260	.51045	1.0235	10.353	2.5215	2.5374
Stddev	.00122	.00072	.068	.00139	.0070	.046	.0011	.0435
%RSD	.24473	.14145	.66516	.27296	.68049	.44245	.04421	1.7149
#1	.50026	.51112	10.308	.51144	1.0284	10.385	2.5223	2.5682
#2	.49853	.51214	10.212	.50947	1.0185	10.321	2.5207	2.5067
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3973	2.4229	2.4463	2.5660	F 2.7807	2.619	F 2.3742	F 1.8815
Stddev	.0223	.0331	.0043	.0092	.0290	.011	.0150	.0571
%RSD	.93133	1.3660	.17508	.35955	1.0422	.4137	.63119	3.0352
#1	2.4131	2.4463	2.4493	2.5725	2.8012	2.626	2.3848	1.9219
#2	2.3815	2.3995	2.4433	2.5595	2.7602	2.611	2.3637	1.8411

Sample Name: ICV01 Acquired: 11/9/2018 11:44:14 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9556
Stddev .2798
%RSD 14.309

#1 1.7577
#2 2.1534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.4	48459.	5498.8	138.23	4100.6
Stddev	8.0	129.	61.6	.89	7.2
%RSD	.21017	.26696	1.1206	.64564	.17524

#1	3795.8	48551.	5455.2	137.60	4095.5
#2	3807.1	48368.	5542.4	138.86	4105.7

Sample Name: LLICV01 Acquired: 11/9/2018 11:52:20 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02243	.04471	.01307	.02090	.05815	.10429	.10875	.00627
Stddev	.00313	.00127	.00094	.00169	.00196	.01568	.00053	.00001
%RSD	13.976	2.8305	7.2261	8.1079	3.3740	15.033	.48942	.17734

#1	.02021	.04381	.01374	.02210	.05676	.09320	.10912	.00627
#2	.02464	.04560	.01240	.01970	.05954	.11537	.10837	.00628

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	2.1057	.01024	.03332	.02118	.09698	.02234	2.1759
Stddev	.00021	.0077	.00044	.00089	.00037	.00248	.00007	.0137
%RSD	3.4325	.36435	4.2940	2.6839	1.7494	2.5584	.29245	.62906

#1	.00603	2.1111	.01055	.03268	.02092	.09522	.02239	2.1663
#2	.00633	2.1003	.00993	.03395	.02145	.09873	.02230	2.1856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04347	.01093	2.0972	.04431	.04441	2.0726	.21461	.11048
Stddev	.00166	.00016	.0050	.00030	.00050	.0422	.00539	.00229
%RSD	3.8138	1.5097	.24052	.68485	1.1248	2.0380	2.5124	2.0717

#1	.04229	.01104	2.1007	.04452	.04476	2.0427	.21080	.10886
#2	.04464	.01081	2.0936	.04409	.04405	2.1025	.21842	.11210

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02064	.41088	.04433	.04503	.02247	.0172	.02158	F 1.2951
Stddev	.00072	.00543	.00188	.00170	.00186	.0018	.00010	.3794
%RSD	3.5124	1.3227	4.2429	3.7822	8.2815	10.64	.46157	29.293

#1	.02012	.40704	.04300	.04382	.02378	.0159	.02165	1.5634
#2	.02115	.41472	.04566	.04623	.02115	.0184	.02151	1.0269

Sample Name: LLICV01 Acquired: 11/9/2018 11:52:20 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .39103
Stddev	.94457
%RSD	241.56

#1	-.27688
#2	1.0589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3886.8	50525.	5678.5	146.20	4375.7
Stddev	70.9	395.	49.9	2.68	81.9
%RSD	1.8252	.78137	.87862	1.8339	1.8718

#1	3936.9	50246.	5643.3	144.30	4433.6
#2	3836.6	50805.	5713.8	148.09	4317.8

Sample Name: ICB01 Acquired: 11/9/2018 12:05:09 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00130	-.00026	.00274	-.00125	.00831	.00047	-.00004
Stddev	.00256	.00137	.00080	.00037	.00259	.00957	.00069	.00003
%RSD	386.44	105.76	310.97	13.551	207.12	115.14	145.93	68.220
#1	-.00247	-.00033	.00031	.00301	.00058	.00154	.00096	-.00002
#2	.00115	-.00226	-.00082	.00248	-.00308	.01507	-.00002	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00403	-.00025	.00002	-.00135	.00041	.00004	-.04652
Stddev	.00010	.01457	.00034	.00010	.00019	.00001	.00003	.01551
%RSD	170.30	361.26	136.24	416.38	13.849	2.3586	73.538	33.344
#1	.00001	-.00627	-.00001	.00009	-.00122	.00042	.00007	-.03555
#2	-.00013	.01433	-.00049	-.00005	-.00148	.00041	.00002	-.05748
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00036	-.05724	.00002	-.00007	-.03168	.00015	-.00148
Stddev	.00005	.00061	.01038	.00020	.00009	.02112	.00010	.00512
%RSD	38.764	170.42	18.130	992.12	129.74	66.666	66.502	345.69
#1	.00018	-.00079	-.06457	.00016	-.00001	-.04662	.00008	-.00510
#2	.00010	.00007	-.04990	-.00012	-.00013	-.01675	.00022	.00214
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00631	.00006	.00066	-.00152	-.0016	-.00006	F 1.7213
Stddev	.00163	.00073	.00018	.00064	.00103	.0023	.00009	.3708
%RSD	206.35	11.523	299.86	97.192	67.790	144.0	152.87	21.544
#1	.00194	.00683	.00019	.00021	-.00224	.0000	.00000	1.9835
#2	-.00036	.00580	-.00007	.00111	-.00079	-.0032	-.00012	1.4591

Sample Name: ICB01 Acquired: 11/9/2018 12:05:09 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .09131
 Stddev .05729
 %RSD 62.743

#1 .05080
 #2 .13182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3771.2	48475.	5456.5	140.13	4312.6
Stddev	6.4	283.	29.0	.20	17.0
%RSD	.16870	.58395	.53161	.14298	.39333

#1	3766.7	48275.	5436.0	140.27	4300.6
#2	3775.7	48676.	5477.0	139.98	4324.6

Sample Name: CRI01 Acquired: 11/9/2018 12:09:13 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02129	.04535	.01331	.02142	.05973	.10879	.11071	.00637
Stddev	.00088	.00034	.00014	.00341	.00127	.01389	.00036	.00005
%RSD	4.1120	.75910	1.0420	15.923	2.1312	12.766	.32358	.79382
#1	.02067	.04560	.01341	.02383	.06063	.11861	.11046	.00633
#2	.02190	.04511	.01321	.01901	.05883	.09897	.11096	.00640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	2.2196	.01062	.03443	.02126	.11041	.02271	2.2757
Stddev	.00009	.0000	.00012	.00020	.00006	.00700	.00013	.0103
%RSD	1.4234	.00004	1.0959	.57187	.27706	6.3427	.57470	.45116
#1	.00602	2.2196	.01054	.03429	.02130	.10546	.02262	2.2684
#2	.00614	2.2196	.01071	.03457	.02122	.11537	.02281	2.2829
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04424	.01077	2.1312	.04538	.04756	2.1532	.22586	.10846
Stddev	.00007	.00080	.0037	.00057	.00003	.0163	.00090	.00306
%RSD	.16502	7.4412	.17357	1.2509	.07209	.75866	.39685	2.8180
#1	.04419	.01020	2.1286	.04497	.04754	2.1648	.22523	.10630
#2	.04429	.01134	2.1338	.04578	.04758	2.1417	.22650	.11062
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01879	.42062	.04506	.04659	.02160	.0195	.02156	F 1.9889
Stddev	.00384	.00219	.00090	.00034	.00016	.0008	.00003	.0530
%RSD	20.442	.51993	1.9900	.74048	.75174	3.861	.15670	2.6643
#1	.01608	.42217	.04442	.04634	.02171	.0201	.02154	1.9515
#2	.02151	.41908	.04569	.04683	.02148	.0190	.02158	2.0264

Sample Name: CRI01 Acquired: 11/9/2018 12:09:13 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .30112
Stddev .12786
%RSD 42.462

#1 .39153
#2 .21071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.2	49270.	5604.5	143.42	4236.1
Stddev	4.1	142.	44.4	.11	13.5
%RSD	.10921	.28881	.79199	.07396	.31894

#1	3732.4	49170.	5573.1	143.34	4226.5
#2	3738.1	49371.	5635.9	143.49	4245.6

Sample Name: ICSA01 Acquired: 11/9/2018 12:13:16 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	-.00990	-.00605	-.00901	.00723	300.48	.00639	-.00102
Stddev	.00366	.00345	.00179	.00055	.00406	2.21	.00076	.00003
%RSD	103.20	34.859	29.570	6.1284	56.170	.73483	11.956	2.8474
#1	.00096	-.00746	-.00732	-.00862	.01010	298.92	.00585	-.00104
#2	.00613	-.01234	-.00479	-.00940	.00436	302.04	.00693	-.00100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	272.70	.05922	-.00055	.00107	104.93	.01669	278.17
Stddev	.00007	.27	.00007	.00004	.00022	1.57	.00007	1.71
%RSD	7.7369	.09786	.12377	6.8524	20.141	1.4950	.39736	.61378
#1	-.00099	272.51	.05917	-.00058	.00122	106.04	.01665	279.37
#2	-.00089	272.89	.05928	-.00053	.00092	103.82	.01674	276.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00869	-.00386	-.00199	.00123	.00160	-.04053	-.00010	.05353
Stddev	.00025	.00029	.01055	.00003	.00016	.02676	.00025	.00589
%RSD	2.9044	7.4877	529.73	2.5760	9.8199	66.028	257.55	11.000
#1	-.00851	-.00365	.00547	.00125	.00171	-.02161	-.00027	.05769
#2	-.00887	-.00406	-.00945	.00121	.00148	-.05945	.00008	.04937
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00715	.00180	.01085	-.00311	.01167	.0003	-.00249	F 2.4336
Stddev	.00007	.00109	.00056	.00032	.00037	.0002	.00108	.2328
%RSD	.99447	60.536	5.1695	10.245	3.1315	82.44	43.432	9.5671
#1	.00710	.00257	.01045	-.00333	.01193	.0001	-.00325	2.5983
#2	.00720	.00103	.01124	-.00288	.01141	.0005	-.00172	2.2690

Sample Name: ICSA01 Acquired: 11/9/2018 12:13:16 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.0312
Stddev .8378
%RSD 11.916

#1 7.6237
#2 6.4388

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.0	43139.	5303.6	126.87	3387.9
Stddev	13.2	5.	52.3	2.74	11.5
%RSD	.39281	.01061	.98680	2.1631	.33865

#1	3357.7	43136.	5266.6	124.93	3379.8
#2	3376.4	43142.	5340.6	128.81	3396.1

Sample Name: ICSAB01 Acquired: 11/9/2018 12:17:23 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11087	.10432	.05250	.06090	.66905	281.17	.56527	.55585
Stddev	.00326	.00098	.00149	.00466	.00693	7.52	.00710	.01421
%RSD	2.9424	.93832	2.8421	7.6569	1.0351	2.6751	1.2563	2.5570

#1	.10856	.10363	.05144	.06420	.66415	275.85	.57029	.54580
#2	.11317	.10502	.05355	.05761	.67394	286.49	.56025	.56590

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0394	258.66	.56824	.52093	.51636	101.62	.53769	264.33
Stddev	.0096	1.41	.01500	.00560	.00719	1.04	.01361	2.77
%RSD	.92042	.54521	2.6401	1.0756	1.3924	1.0268	2.5315	1.0476

#1	1.0326	259.65	.55763	.51696	.51128	102.35	.52807	266.29
#2	1.0462	257.66	.57885	.52489	.52144	100.88	.54732	262.37

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0103	.21954	.02585	.52027	1.0767	-.00815	F 1.2047	F 1.2337
Stddev	.0102	.00521	.00410	.01349	.0082	.01742	.0127	.0156
%RSD	1.0114	2.3717	15.857	2.5926	.76306	213.57	1.0531	1.2615

#1	1.0030	.21586	.02875	.51074	1.0825	-.02047	1.1958	1.2447
#2	1.0175	.22322	.02295	.52981	1.0709	.00416	1.2137	1.2227

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.2058	F 1.0847	F 1.2027	F 1.1967	F 1.2483	F 1.495	F 1.0320	F 2.1092
Stddev	.0108	.0160	.0117	.0140	.0088	.019	.0116	.0868
%RSD	.89628	1.4794	.97325	1.1700	.70401	1.299	1.1235	4.1159

#1	1.1981	1.0960	1.1945	1.2066	1.2545	1.481	1.0402	2.1706
#2	1.2134	1.0733	1.2110	1.1868	1.2421	1.509	1.0238	2.0478

Sample Name: ICSAB01 Acquired: 11/9/2018 12:17:23 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.6513
Stddev 1.0463
%RSD 15.731

#1 5.9115
#2 7.3912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.9	43802.	5307.3	124.84	3400.1
Stddev	29.1	1034.	57.7	1.51	21.5
%RSD	.86616	2.3596	1.0878	1.2066	.63221

#1	3379.5	44533.	5266.4	123.78	3415.3
#2	3338.4	43071.	5348.1	125.91	3384.9

Sample Name: CCV01 Acquired: 11/9/2018 12:29:33 Type: Unk
Method: P4-ICP2(v2560) 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	5.1928	5.0088	5.0794	5.1435	5.2417	10.478	10.401	.25846
Stddev	.0050	.0102	.0018	.0164	.0020	.090	.001	.00027
%RSD	.09723	.20281	.03510	.31844	.03750	.85507	.00608	.10279
#1	5.1892	5.0160	5.0806	5.1550	5.2403	10.415	10.400	.25827
#2	5.1963	5.0016	5.0781	5.1319	5.2431	10.541	10.401	.25865
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4976	F 26.320	.99824	2.5201	1.3003	5.0218	2.5851	25.632
Stddev	.0001	.179	.00147	.0024	.0012	.0568	.0001	.257
%RSD	.00427	.67930	.14762	.09558	.09295	1.1317	.00566	1.0031
#1	2.4977	26.193	.99928	2.5184	1.3012	5.0620	2.5850	25.451
#2	2.4975	26.446	.99719	2.5218	1.2995	4.9816	2.5852	25.814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4872	1.2651	25.272	2.4914	2.5727	25.854	5.2487	5.1380
Stddev	.0023	.0015	.027	.0013	.0430	.050	.0032	.0185
%RSD	.09337	.11965	.10856	.05110	1.6705	.19361	.06036	.35995
#1	2.4855	1.2662	25.253	2.4905	2.6031	25.818	5.2510	5.1511
#2	2.4888	1.2640	25.292	2.4923	2.5423	25.889	5.2465	5.1249
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0124	5.1587	5.0041	5.1464	5.1808	4.944	5.1446	F 3.7919
Stddev	.0146	.0205	.0004	.0135	.0046	.011	.0017	.1965
%RSD	.29090	.39671	.00858	.26167	.08957	.2300	.03267	5.1812
#1	5.0227	5.1732	5.0044	5.1368	5.1841	4.952	5.1434	3.6530
#2	5.0021	5.1443	5.0038	5.1559	5.1776	4.936	5.1458	3.9308

Sample Name: CCV01 Acquired: 11/9/2018 12:29:33 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8873
Stddev	.0356
%RSD	1.2342

#1	2.9125
#2	2.8621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.9	45043.	5222.5	128.53	3674.0
Stddev	15.0	38.	26.5	2.45	14.3
%RSD	.43014	.08412	.50810	1.9088	.39016

#1	3467.3	45017.	5203.7	126.80	3663.8
#2	3488.4	45070.	5241.3	130.27	3684.1

Sample Name: LLCCV01 Acquired: 11/9/2018 12:43:33 Type: Unk
Method: P4-ICP2(v2560) 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	.02230	.04068	.01222	.02294	.05396	.11723	.10482	.00590
Stddev	.00007	.00050	.00131	.00279	.00015	.00266	.00001	.00003
%RSD	.29544	1.2177	10.712	12.150	.27863	2.2730	.00891	.51829
#1	.02234	.04033	.01129	.02491	.05386	.11534	.10483	.00588
#2	.02225	.04103	.01314	.02097	.05407	.11911	.10481	.00593
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	1.9931	.00904	.03049	.02043	.08741	.02177	2.0605
Stddev	.00009	.0093	.00031	.00035	.00025	.00519	.00018	.0155
%RSD	1.5078	.46672	3.4551	1.1352	1.2357	5.9371	.83882	.75344
#1	.00591	1.9865	.00926	.03025	.02025	.09108	.02164	2.0714
#2	.00579	1.9996	.00882	.03074	.02061	.08374	.02190	2.0495
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03902	.01008	1.9125	.04103	.04192	1.9359	.19980	.10029
Stddev	.00002	.00068	.0051	.00034	.00065	.0045	.00000	.00120
%RSD	.05326	6.7709	.26494	.83804	1.5595	.23123	.00228	1.1968
#1	.03904	.00960	1.9161	.04079	.04238	1.9391	.19980	.10114
#2	.03901	.01056	1.9089	.04127	.04145	1.9328	.19981	.09944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01536	.38457	.04002	.04413	.01966	F .0159	.02067	F 2.4762
Stddev	.00053	.00163	.00109	.00278	.00155	.0010	.00003	.2903
%RSD	3.4780	.42308	2.7298	6.3107	7.8634	6.039	.16777	11.724
#1	.01498	.38342	.04080	.04610	.02076	.0166	.02069	2.6814
#2	.01574	.38572	.03925	.04216	.01857	.0152	.02064	2.2709

Sample Name: LLCCV01 Acquired: 11/9/2018 12:43:33 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .64718
 Stddev .04114
 %RSD 6.3572

#1 .61808
 #2 .67627

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.2	47226.	5364.4	136.45	4183.0
Stddev	3.3	91.	18.6	2.60	13.6
%RSD	.08935	.19329	.34673	1.9045	.32546

#1	3653.8	47290.	5351.3	134.61	4173.4
#2	3658.5	47161.	5377.6	138.28	4192.6

Sample Name: CCB01 Acquired: 11/9/2018 12:47:38 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	-.00106	-.00043	.00038	.00052	.01131	.00173	.00001
Stddev	.00196	.00002	.00020	.00043	.00022	.00918	.00039	.00002
%RSD	196.82	1.7599	45.246	113.57	41.625	81.168	22.545	115.30
#1	-.00039	-.00108	-.00029	.00069	.00037	.00482	.00146	.00003
#2	.00238	-.00105	-.00057	.00007	.00067	.01780	.00201	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00622	-.00014	-.00012	-.00082	-.00819	.00002	-.00314
Stddev	.00002	.00219	.00057	.00015	.00020	.00473	.00001	.00550
%RSD	38.756	35.151	392.69	123.21	24.722	57.794	45.291	174.90
#1	-.00004	-.00468	.00026	-.00002	-.00096	-.01153	.00003	.00074
#2	-.00007	-.00777	-.00055	-.00023	-.00068	-.00484	.00002	-.00703
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00004	-.07327	-.00069	-.00020	-.07334	-.00008	.00651
Stddev	.00037	.00059	.00786	.00017	.00000	.04216	.00012	.00640
%RSD	305.28	1648.1	10.721	25.274	1.9469	57.488	138.44	98.363
#1	-.00039	.00045	-.06771	-.00081	-.00020	-.10315	-.00017	.00198
#2	.00014	-.00038	-.07882	-.00057	-.00020	-.04352	-.00000	.01104
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00540	-.00041	.00249	-.00170	-.0014	-.00006	F 2.3687
Stddev	.00381	.00082	.00029	.00125	.00051	.0010	.00007	.3764
%RSD	451.68	15.183	69.694	50.347	30.012	75.06	122.15	15.892
#1	.00185	.00482	-.00021	.00337	-.00134	-.0006	-.00001	2.1025
#2	-.00354	.00598	-.00061	.00160	-.00206	-.0021	-.00011	2.6348

Sample Name: CCB01 Acquired: 11/9/2018 12:47:38 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .23739
Stddev .43753
%RSD 184.31

#1 -.07199
#2 .54677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.0	47843.	5424.4	139.80	4214.4
Stddev	17.3	26.	12.3	2.07	24.7
%RSD	.47204	.05458	.22599	1.4795	.58547

#1	3651.8	47861.	5415.7	138.33	4196.9
#2	3676.2	47824.	5433.1	141.26	4231.8

Sample Name: LR CHECK2 Acquired: 11/9/2018 13:00:45 Type: Unk
Method: P4-ICP2(v2560) 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	.00276	-.01777	241.17	.01931	-.03388	-.23773	96.676	-.00086
Stddev	.00333	.00133	.59	.00891	.00013	.00219	1.340	.00000
%RSD	120.96	7.4977	.24392	46.127	.38281	.92284	1.3864	.22819

#1	.00511	-.01682	241.58	.02561	-.03397	-.23618	97.624	-.00086
#2	.00040	-.01871	240.75	.01301	-.03379	-.23928	95.728	-.00086

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00786	.25592	-.13017	-.00937	245.57	-.78657	43.493	-.06151
Stddev	.00002	.00151	.00004	.00005	2.02	.00224	.340	.00183
%RSD	.21184	.58977	.02697	.50108	.82090	.28540	.78198	2.9824

#1	-.00785	.25699	-.13020	-.00934	247.00	-.78816	43.253	-.06280
#2	-.00787	.25486	-.13015	-.00941	244.14	-.78499	43.734	-.06021

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.708	.00844	.57999	-.00356	36.261	.48216	-.00491	.00127
Stddev	.147	.00064	.02091	.00029	.013	.00022	.00005	.00112
%RSD	.30874	7.5766	3.6050	8.0491	.03626	.04518	.93548	87.844

#1	47.812	.00889	.59477	-.00376	36.270	.48231	-.00495	.00206
#2	47.604	.00799	.56520	-.00335	36.252	.48201	-.00488	.00048

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09482	.00277	.00147	.02551	-.00281	-.2185	.00277	2.8800
Stddev	.00390	.00191	.00103	.00180	.00090	.0031	.00006	.1975
%RSD	4.1157	68.849	69.640	7.0720	32.109	1.427	2.2224	6.8565

#1	.09206	.00411	.00075	.02679	-.00217	-.2163	.00281	2.7403
#2	.09758	.00142	.00220	.02424	-.00345	-.2207	.00273	3.0196

Sample Name: LR CHECK2 Acquired: 11/9/2018 13:00:45 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .27888
Stddev .63917
%RSD 229.19

#1 -.17309
#2 .73084

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.2	47453.	5500.5	133.92	3871.1
Stddev	11.8	173.	58.5	.31	11.5
%RSD	.33970	.36500	1.0644	.22881	.29737

#1	3459.9	47576.	5459.2	133.70	3863.0
#2	3476.5	47331.	5541.9	134.13	3879.3

Sample Name: LR CHECK1 Acquired: 11/9/2018 13:09:50 Type: Unk
Method: P4-ICP2(v2560) 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	-.04147	-.06746	-.08680	-.33212	.05862	1931.2	.00781	-.00402
Stddev	.00189	.00136	.00979	.00263	.00133	8.1	.00018	.00055
%RSD	4.5538	2.0212	11.278	.79086	2.2605	.41689	2.3673	13.800

#1	-.04014	-.06649	-.09372	-.33398	.05768	1936.9	.00768	-.00363
#2	-.04281	-.06842	-.07988	-.33026	.05956	1925.5	.00794	-.00441

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02481	1821.5	.11195	.00820	-.64243	931.11	.03786	1842.4
Stddev	.00242	18.6	.00158	.00116	.02094	24.64	.00050	5.7
%RSD	9.7387	1.0196	1.4133	14.189	3.2598	2.6461	1.3190	.31199

#1	.02310	1834.6	.11083	.00738	-.65724	948.53	.03751	1846.5
#2	.02652	1808.4	.11307	.00902	-.62762	913.69	.03821	1838.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07956	-.03992	1717.1	.00260	.07768	1018.4	.01851	.42630
Stddev	.00079	.00371	30.9	.00015	.00298	4.6	.00044	.03885
%RSD	.99537	9.2835	1.7996	5.6369	3.8335	.45632	2.3897	9.1141

#1	.08012	-.03730	1739.0	.00249	.07979	1021.7	.01883	.45377
#2	.07900	-.04254	1695.3	.00270	.07557	1015.1	.01820	.39883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45303	.00805	.05781	-.05031	.05854	.0648	-1.0059	<.00000
Stddev	.00607	.00375	.00033	.00101	.00119	.0010	.0271	.52417
%RSD	1.3391	46.640	.56348	2.0063	2.0412	1.558	2.6933	8.1211

#1	.45732	.01070	.05758	-.05102	.05769	.0655	-1.0250	-6.8251
#2	.44874	.00539	.05804	-.04959	.05938	.0641	-.98671	-6.0838

Sample Name: LR CHECK1 Acquired: 11/9/2018 13:09:50 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.0	34116.	4823.0	102.43	2181.9
Stddev	8.3	39.	40.7	3.31	7.5
%RSD	.32742	.11443	.84404	3.2355	.34553
#1	2534.1	34143.	4794.2	100.08	2176.6
#2	2545.9	34088.	4851.8	104.77	2187.2

Sample Name: J5813-01 Acquired: 11/9/2018 13:14:15 Type: Unk
Method: P4-ICP2(v2560) 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	.03606	-.01278	.44403	-.05064	.00941	220.62	1.6065
Stddev	.00321	.00114	.00530	.00282	.00324	1.08	.0155
%RSD	8.8877	8.9104	1.1942	5.5604	34.477	.48830	.96569

#1	.03380	-.01358	.44778	-.05263	.00711	221.38	1.6175
#2	.03833	-.01197	.44028	-.04865	.01170	219.86	1.5956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01142	-.00260	55.765	.27459	.20481	.06219	363.77
Stddev	.00009	.00027	.348	.00070	.00011	.00036	.93
%RSD	.78339	10.560	.62400	.25619	.05462	.57092	.25532

#1	.01148	-.00279	56.011	.27508	.20473	.06244	364.42
#2	.01136	-.00240	55.519	.27409	.20489	.06194	363.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.012	80.573	.41058	.00106	4.5323	.43391	1.2575
Stddev	.042	.568	.00065	.00011	.0972	.00032	.0055
%RSD	.34760	.70496	.15767	10.844	2.1435	.07423	.43945

#1	12.041	80.975	.41104	.00114	4.6010	.43368	1.2614
#2	11.982	80.172	.41012	.00097	4.4636	.43414	1.2536

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.129	.00247	.35658	4.8303	F 11.107	.02769	2.4249
Stddev	.334	.00005	.00119	.0129	.058	.00117	.0080
%RSD	1.5784	1.9322	.33349	.26768	.51806	4.2221	.33156

#1	21.365	.00244	.35742	4.8211	11.148	.02852	2.4306
#2	20.894	.00251	.35573	4.8394	11.066	.02686	2.4192

Sample Name: J5813-01 Acquired: 11/9/2018 13:14:15 Type: Unk
 Method: P4-ICP2(v2560) 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	.61641	9.590	-.12168	<.00000	F<.00000
Stddev	.00230	.004	.00090	.53878	1.6650
%RSD	.37288	.0468	.73626	3.7755	1.6070

#1	.61804	9.593	-.12104	-13.890	-102.43
#2	.61479	9.587	-.12231	-14.652	-104.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4043.6	53001.	6460.1	132.31	3573.9
Stddev	8.3	357.	60.3	.66	4.0
%RSD	.20471	.67277	.93382	.50204	.11155

#1	4037.7	52749.	6417.4	131.84	3571.1
#2	4049.4	53253.	6502.7	132.78	3576.8

Sample Name: J5813-02 Acquired: 11/9/2018 13:18:18 Type: Unk
Method: P4-ICP2(v2560) 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	.04394	-.00931	.37546	-.04753	.01447	234.40	1.6632
Stddev	.00150	.00258	.00245	.00478	.00130	.11	.0056
%RSD	3.4232	27.722	.65262	10.052	8.9933	.04752	.33461

#1	.04288	-.01113	.37719	-.04415	.01539	234.48	1.6671
#2	.04501	-.00748	.37373	-.05091	.01355	234.32	1.6593

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01356	-.00444	24.201	.28063	.22959	-.09955	416.02
Stddev	.00013	.00057	.048	.00176	.00021	.00043	2.61
%RSD	.96968	12.843	.19640	.62719	.09132	.42919	.62696

#1	.01347	-.00404	24.168	.27938	.22974	-.09925	414.17
#2	.01365	-.00484	24.235	.28187	.22945	-.09986	417.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.920	91.912	.43999	-.00103	3.2760	.45026	1.3527
Stddev	.053	.266	.00081	.00003	.0199	.00201	.0112
%RSD	.48534	.28927	.18400	2.9406	.60893	.44580	.82871

#1	10.883	92.100	.44057	-.00105	3.2901	.45168	1.3448
#2	10.958	91.724	.43942	-.00101	3.2619	.44884	1.3606

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.995	.00221	.34126	2.4293	4.6961	.02529	2.1792
Stddev	.048	.00040	.00439	.0059	.0132	.00061	.0026
%RSD	.18598	18.026	1.2851	.24274	.28130	2.4201	.11862

#1	26.029	.00192	.33816	2.4335	4.6868	.02572	2.1811
#2	25.961	.00249	.34436	2.4252	4.7055	.02486	2.1774

Sample Name: J5813-02 Acquired: 11/9/2018 13:18:18 Type: Unk
 Method: P4-ICP2(v2560) 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	.70274	F 11.16	-.30668	<.00000	F<.00000
Stddev	.00041	.03	.00283	.01574	2.6460
%RSD	.05833	.2990	.92232	.09236	2.0825

#1	.70245	11.18	-.30468	-17.050	-128.93
#2	.70303	11.14	-.30868	-17.027	-125.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4101.5	53517.	6491.6	132.05	3604.4
Stddev	12.5	66.	4.0	.98	22.4
%RSD	.30495	.12330	.06160	.74210	.62079

#1	4092.6	53471.	6494.5	132.75	3588.6
#2	4110.3	53564.	6488.8	131.36	3620.2

Sample Name: J5813-03 Acquired: 11/9/2018 13:22:18 Type: Unk
Method: P4-ICP2(v2560) 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	.03796	-.01415	.40084	-.04580	.01147	227.45	2.0590
Stddev	.00245	.00092	.00208	.00115	.00142	1.50	.0084
%RSD	6.4559	6.5339	.52007	2.5136	12.338	.66020	.40733

#1	.03623	-.01480	.39936	-.04662	.01247	226.38	2.0649
#2	.03969	-.01349	.40231	-.04499	.01047	228.51	2.0530

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01219	-.00244	36.586	.26837	.20787	.62368	371.30
Stddev	.00008	.00047	.050	.00099	.00023	.00712	5.11
%RSD	.69479	19.436	.13749	.36734	.11090	1.1412	1.3758

#1	.01213	-.00277	36.550	.26767	.20770	.61865	374.91
#2	.01225	-.00210	36.621	.26906	.20803	.62872	367.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.518	76.582	.40687	.00055	3.3505	.42211	1.2746
Stddev	.064	.259	.00148	.00017	.0086	.00083	.0213
%RSD	.34533	.33792	.36347	31.177	.25734	.19668	1.6681

#1	18.472	76.765	.40583	.00067	3.3566	.42270	1.2896
#2	18.563	76.399	.40792	.00043	3.3444	.42152	1.2596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.094	.00311	.35052	3.9934	8.4957	.02393	2.3936
Stddev	.079	.00014	.00808	.0082	.0385	.00140	.0046
%RSD	.37341	4.4013	2.3055	.20635	.45330	5.8458	.19383

#1	21.150	.00320	.35624	3.9876	8.5229	.02492	2.3969
#2	21.038	.00301	.34481	3.9993	8.4684	.02294	2.3904

Sample Name: J5813-03 Acquired: 11/9/2018 13:22:18 Type: Unk
Method: P4-ICP2(v2560) 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	.59217	F 10.52	-.19133	<.00000	F<.00000
Stddev	.00180	.02	.00536	.13185	1.2318
%RSD	.30421	.1559	2.8000	.91001	1.1575

#1	.59090	10.51	-.19512	-14.582	-105.55
#2	.59345	10.53	-.18754	-14.395	-107.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.7	53062.	6452.7	133.50	3589.0
Stddev	.9	41.	36.9	2.53	1.4
%RSD	.02254	.07685	.57258	1.8987	.03982

#1	4097.4	53091.	6426.5	131.71	3588.0
#2	4096.1	53033.	6478.8	135.30	3590.1

Sample Name: J5813-04 Acquired: 11/9/2018 13:26:18 Type: Unk
Method: P4-ICP2(v2560) 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	.03372	-.01096	.35287	-.05189	.01128	207.01	1.4542
Stddev	.00665	.00021	.00016	.00047	.00122	.97	.0036
%RSD	19.719	1.9011	.04485	.90726	10.779	.46841	.25024

#1	.02902	-.01081	.35298	-.05222	.01213	206.32	1.4516
#2	.03843	-.01111	.35275	-.05156	.01042	207.69	1.4567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00968	-.00294	70.259	.24212	.18866	.05395	345.09
Stddev	.00011	.00064	.639	.00171	.00048	.00388	6.07
%RSD	1.0958	21.690	.90966	.70831	.25681	7.1945	1.7595

#1	.00976	-.00249	69.807	.24091	.18832	.05670	340.80
#2	.00961	-.00339	70.711	.24333	.18900	.05121	349.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9992	80.446	.39477	-.00019	3.9786	.42217	1.0785
Stddev	.0234	.343	.00022	.00073	.0422	.00406	.0208
%RSD	.25988	.42629	.05675	391.17	1.0618	.96235	1.9290

#1	8.9827	80.204	.39461	-.00071	3.9487	.41930	1.0638
#2	9.0157	80.689	.39493	.00033	4.0084	.42505	1.0932

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.826	.00177	.31877	4.3932	F 12.090	.02031	3.8567
Stddev	.036	.00012	.02155	.0090	.028	.00010	.0041
%RSD	.19377	6.6859	6.7606	.20496	.22869	.49414	.10677

#1	18.801	.00169	.30354	4.3868	12.071	.02024	3.8596
#2	18.852	.00186	.33401	4.3996	12.110	.02038	3.8538

Sample Name: J5813-04 Acquired: 11/9/2018 13:26:18 Type: Unk
Method: P4-ICP2(v2560) 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	.51657	9.113	-.03750	<.00000	F<.00000
Stddev	.00144	.015	.00683	.01315	.59064
%RSD	.27799	.1671	18.228	.09647	.60958

#1	.51555	9.124	-.03266	-13.640	-96.474
#2	.51759	9.102	-.04233	-13.622	-97.310

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4073.9	53359.	6522.6	134.67	3634.8
Stddev	10.6	57.	19.1	2.23	13.9
%RSD	.25976	.10748	.29210	1.6581	.38203

#1	4066.4	53399.	6536.1	136.24	3625.0
#2	4081.4	53318.	6509.1	133.09	3644.6

Sample Name: J5813-05 Acquired: 11/9/2018 13:30:19 Type: Unk
Method: P4-ICP2(v2560) 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	.04096	-.01011	.42576	-.04841	.01319	221.06	1.6973
Stddev	.00569	.00087	.00140	.00140	.00086	.21	.0006
%RSD	13.901	8.5575	.32883	2.9001	6.5052	.09636	.03616

#1	.04498	-.01072	.42477	-.04940	.01379	220.91	1.6969
#2	.03693	-.00950	.42675	-.04741	.01258	221.21	1.6977

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01319	-.00341	25.577	.26015	.19067	-.04808	370.29
Stddev	.00017	.00063	.118	.00054	.00078	.00306	4.86
%RSD	1.2595	18.599	.46220	.20851	.40701	6.3643	1.3114

#1	.01330	-.00296	25.493	.25976	.19012	-.04592	366.86
#2	.01307	-.00386	25.660	.26053	.19121	-.05025	373.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.169	69.938	.36253	.00007	4.0053	.43204	1.1942
Stddev	.012	.361	.00050	.00089	.0006	.00139	.0150
%RSD	.08921	.51605	.13663	1204.7	.01373	.32266	1.2529

#1	13.177	70.194	.36218	-.00055	4.0057	.43302	1.1836
#2	13.161	69.683	.36289	.00070	4.0050	.43105	1.2048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.099	.00211	.30288	3.2164	8.1126	.02679	1.9378
Stddev	.034	.00020	.01031	.0016	.0179	.00114	.0010
%RSD	.18521	9.4275	3.4032	.05019	.22023	4.2398	.05163

#1	18.123	.00197	.29559	3.2153	8.1252	.02599	1.9371
#2	18.076	.00226	.31017	3.2176	8.1000	.02759	1.9385

Sample Name: J5813-05 Acquired: 11/9/2018 13:30:19 Type: Unk
 Method: P4-ICP2(v2560) 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	.58053	F 11.57	-.16530	<.00000	F<.00000
Stddev	.00277	.00	.00561	.04802	.55350
%RSD	.47733	.0131	3.3961	.32096	.51368

#1	.57857	11.57	-.16133	-14.928	-107.36
#2	.58249	11.57	-.16927	-14.996	-108.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4081.2	53072.	6459.5	133.99	3658.7
Stddev	4.7	133.	6.7	1.76	4.4
%RSD	.11439	.25048	.10338	1.3126	.12007

#1	4077.9	52978.	6454.8	135.24	3655.6
#2	4084.5	53166.	6464.3	132.75	3661.8

Sample Name: J5813-06 Acquired: 11/9/2018 13:34:20 Type: Unk
Method: P4-ICP2(v2560) 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	.03103	-.00925	.33953	-.04168	.00984	205.96	1.4976
Stddev	.00036	.00124	.00132	.00269	.00125	.49	.0086
%RSD	1.1548	13.447	.38962	6.4445	12.678	.23878	.57337

#1	.03077	-.01013	.34046	-.03978	.00896	205.61	1.5037
#2	.03128	-.00837	.33859	-.04357	.01072	206.31	1.4915

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01000	-.00309	71.868	.24326	.20414	.01305	339.47
Stddev	.00026	.00006	.611	.00257	.00023	.00258	2.57
%RSD	2.6506	1.8760	.85017	1.0577	.11493	19.752	.75575

#1	.00981	-.00305	72.300	.24144	.20397	.01122	341.28
#2	.01019	-.00313	71.436	.24508	.20430	.01487	337.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.626	79.683	.39353	.00077	4.0110	.39865	1.1688
Stddev	.009	.602	.00028	.00131	.0363	.00463	.0098
%RSD	.08935	.75551	.07031	170.47	.90498	1.1625	.83845

#1	10.632	80.108	.39333	.00170	4.0366	.39538	1.1757
#2	10.619	79.257	.39372	-.00016	3.9853	.40193	1.1619

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.047	.01024	.32051	4.9529	5.0691	.02202	2.1503
Stddev	.172	.00010	.00733	.0001	.0509	.00197	.0105
%RSD	.81822	.96637	2.2873	.00207	1.0038	8.9368	.48703

#1	21.169	.01017	.32569	4.9528	5.1051	.02062	2.1577
#2	20.925	.01031	.31533	4.9530	5.0331	.02341	2.1429

Sample Name: J5813-06 Acquired: 11/9/2018 13:34:20 Type: Unk
Method: P4-ICP2(v2560) 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	.56510	F 10.16	-.02340	<.00000	F<.00000
Stddev	.00166	.01	.00023	.68399	.03467
%RSD	.29436	.1477	.98663	5.2417	.03825

#1	.56627	10.17	-.02324	-12.565	-90.670
#2	.56392	10.15	-.02357	-13.533	-90.621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4139.5	54204.	6681.2	132.48	3570.3
Stddev	10.0	69.	59.4	1.20	8.1
%RSD	.24059	.12734	.88893	.90219	.22551

#1	4132.5	54155.	6639.2	131.64	3564.6
#2	4146.6	54253.	6723.2	133.33	3576.0

Sample Name: J5813-07 Acquired: 11/9/2018 13:38:22 Type: Unk
Method: P4-ICP2(v2560) 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	.02752	-.01051	.32957	-.04278	.01185	210.53	1.4439
Stddev	.00231	.00239	.00097	.00098	.00090	.05	.0076
%RSD	8.3817	22.780	.29576	2.2803	7.6257	.02501	.52532

#1	.02589	-.00881	.32888	-.04209	.01249	210.57	1.4385
#2	.02915	-.01220	.33026	-.04347	.01121	210.50	1.4493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01011	-.00267	55.465	.23236	.20603	.06762	349.83
Stddev	.00003	.00072	.635	.00275	.00055	.00065	1.81
%RSD	.26035	26.853	1.1451	1.1821	.26836	.95653	.51768

#1	.01013	-.00318	55.016	.23042	.20564	.06716	351.11
#2	.01009	-.00216	55.914	.23430	.20642	.06808	348.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.290	79.119	.38310	.00023	3.3893	.37478	1.2122
Stddev	.074	.703	.00089	.00026	.0076	.00069	.0055
%RSD	.71968	.88888	.23305	112.14	.22574	.18434	.45298

#1	10.237	78.622	.38246	.00041	3.3839	.37429	1.2161
#2	10.342	79.616	.38373	.00005	3.3947	.37527	1.2084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.843	.00241	.33962	4.2298	8.5695	.02244	2.4509
Stddev	.123	.00027	.00798	.0011	.0846	.00077	.0082
%RSD	.62071	11.273	2.3499	.02618	.98754	3.4251	.33351

#1	19.756	.00222	.34526	4.2306	8.5096	.02190	2.4451
#2	19.930	.00261	.33398	4.2290	8.6293	.02298	2.4567

Sample Name: J5813-07 Acquired: 11/9/2018 13:38:22 Type: Unk
 Method: P4-ICP2(v2560) 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	.55397	9.459	-.10042	<.00000	F<.00000
Stddev	.00242	.018	.00379	.25615	1.1760
%RSD	.43720	.1855	3.7744	1.8149	1.1987

#1	.55226	9.471	-.10310	-13.933	-98.936
#2	.55568	9.447	-.09774	-14.295	-97.273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4157.3	54633.	6676.4	134.88	3590.5
Stddev	12.2	49.	43.2	.97	1.3
%RSD	.29462	.08901	.64674	.71679	.03580

#1	4148.6	54598.	6706.9	134.20	3591.4
#2	4166.0	54667.	6645.9	135.57	3589.6

Sample Name: J5813-08 Acquired: 11/9/2018 13:42:24 Type: Unk
Method: P4-ICP2(v2560) 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	.03930	-.01348	.39628	-.04673	.00979	245.33	1.6389
Stddev	.00082	.00097	.00158	.00570	.00343	1.01	.0016
%RSD	2.0979	7.1628	.39929	12.195	35.026	.41076	.09842

#1	.03989	-.01280	.39516	-.05076	.00736	244.62	1.6377
#2	.03872	-.01416	.39740	-.04270	.01221	246.05	1.6400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01162	-.00224	106.53	.27340	.19418	.02926	348.74
Stddev	.00002	.00024	.29	.00016	.00094	.00060	1.54
%RSD	.20839	10.791	.26900	.06000	.48253	2.0419	.44244

#1	.01164	-.00207	106.74	.27352	.19352	.02969	347.65
#2	.01160	-.00241	106.33	.27329	.19485	.02884	349.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.551	81.040	.40182	-.00120	4.1036	.41735	1.3580
Stddev	.128	.549	.00110	.00001	.0030	.00116	.0045
%RSD	1.2103	.67685	.27320	.63464	.07351	.27692	.32956

#1	10.461	80.652	.40105	-.00119	4.1015	.41816	1.3611
#2	10.642	81.428	.40260	-.00121	4.1058	.41653	1.3548

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.332	.00172	.34175	4.6388	5.7495	.02453	2.0887
Stddev	.007	.00011	.00781	.0306	.0125	.00134	.0097
%RSD	.03247	6.1804	2.2867	.65994	.21720	5.4702	.46406

#1	22.337	.00164	.34728	4.6171	5.7583	.02358	2.0956
#2	22.327	.00180	.33623	4.6604	5.7407	.02548	2.0819

Sample Name: J5813-08 Acquired: 11/9/2018 13:42:24 Type: Unk
Method: P4-ICP2(v2560) 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	.62160	F 10.01	.16518	<.00000	F<.00000
Stddev	.00141	.00	.00101	.31051	.42160
%RSD	.22625	.0125	.61300	2.4869	.43341

#1	.62260	10.01	.16590	-12.705	-96.977
#2	.62061	10.01	.16446	-12.266	-97.574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3983.5	52091.	6417.4	132.78	3528.0
Stddev	4.4	12.	31.0	.37	9.2
%RSD	.11155	.02243	.48303	.27493	.26120

#1	3986.6	52099.	6395.5	132.52	3534.5
#2	3980.3	52082.	6439.3	133.04	3521.5

Sample Name: CCV02 Acquired: 11/9/2018 13:50:56 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2400	5.0111	5.0639	5.2077	5.3341	10.576	10.530	.25499
Stddev	.0035	.0132	.0132	.0057	.0068	.089	.065	.00344
%RSD	.06686	.26263	.26145	.11022	.12804	.84221	.62179	1.3481
#1	5.2375	5.0018	5.0545	5.2118	5.3293	10.639	10.484	.25742
#2	5.2425	5.0204	5.0733	5.2037	5.3390	10.513	10.577	.25256
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4744	26.306	.97072	2.5112	1.3028	4.9321	2.5408	25.348
Stddev	.0053	.152	.01684	.0060	.0010	.0834	.0375	.242
%RSD	.21324	.57594	1.7344	.23706	.08062	1.6915	1.4749	.95286
#1	2.4706	26.199	.98262	2.5070	1.3020	4.8731	2.5673	25.178
#2	2.4781	26.413	.95881	2.5154	1.3035	4.9911	2.5143	25.519
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4717	1.2502	25.225	2.4540	2.4916	26.860	5.2845	5.1168
Stddev	.0061	.0210	.153	.0331	.0345	.168	.0029	.0164
%RSD	.24737	1.6783	.60541	1.3472	1.3863	.62683	.05431	.32129
#1	2.4674	1.2650	25.117	2.4773	2.4672	26.741	5.2824	5.1051
#2	2.4760	1.2354	25.333	2.4306	2.5160	26.979	5.2865	5.1284
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0742	5.1263	4.9507	5.1070	5.3189	4.972	5.1491	F 3.4207
Stddev	.0160	.0287	.0066	.0312	.0368	.012	.0304	.0958
%RSD	.31614	.55989	.13296	.60995	.69120	.2349	.59069	2.8017
#1	5.0628	5.1060	4.9460	5.0850	5.2929	4.964	5.1276	3.3529
#2	5.0855	5.1466	4.9554	5.1290	5.3449	4.980	5.1706	3.4884

Sample Name: CCV02 Acquired: 11/9/2018 13:50:56 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9664
Stddev .1049
%RSD 5.3333

#1 1.8923
#2 2.0406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.4	46675.	5451.4	135.58	3768.4
Stddev	4.3	585.	24.1	1.76	2.9
%RSD	.12142	1.2529	.44261	1.2972	.07623

#1	3543.3	46262.	5468.5	136.82	3770.4
#2	3549.4	47089.	5434.4	134.34	3766.3

Sample Name: CCB02 Acquired: 11/9/2018 14:02:51 Type: Unk
Method: P4-ICP2(v2560) 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	.00100	-.00069	.00464	.00201	-.00053	.01479	.00076
Stddev	.00197	.00093	.00035	.00018	.00200	.00034	.00004
%RSD	196.71	134.78	7.4914	8.7791	377.66	2.2944	5.6480

#1	-.00039	-.00003	.00439	.00214	.00088	.01455	.00079
#2	.00240	-.00135	.00488	.00189	-.00194	.01503	.00073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00001	.00659	.00003	.00009	-.00039	-.00346
Stddev	.00004	.00006	.00715	.00017	.00021	.00032	.00265
%RSD	96.545	442.47	108.46	619.79	237.98	82.248	76.742

#1	-.00001	-.00003	.00154	.00015	.00023	-.00016	-.00534
#2	-.00008	.00006	.01165	-.00009	-.00006	-.00061	-.00158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00786	.00042	.00005	.05725	-.00001	.00008
Stddev	.00007	.01538	.00046	.00016	.00490	.00018	.00011
%RSD	121.05	195.84	111.70	341.98	8.5670	1386.7	130.48

#1	.00011	.01873	.00074	.00016	.05378	.00011	.00001
#2	.00001	-.00302	.00009	-.00007	.06072	-.00014	.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20583	.00013	.00611	-.00129	.01072	-.00112	.00279
Stddev	.01959	.00016	.00028	.00103	.00015	.00009	.00176
%RSD	9.5165	126.71	4.6146	79.899	1.4259	8.4596	63.112

#1	.21968	.00001	.00591	-.00202	.01061	-.00119	.00154
#2	.19198	.00024	.00630	-.00056	.01083	-.00105	.00403

Sample Name: CCB02 Acquired: 11/9/2018 14:02:51 Type: Unk
 Method: P4-ICP2(v2560) 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	-0.00203	-0.0016	0.00015	F 2.2023	F<0.00000
Stddev	0.00001	0.0001	0.00004	0.1102	0.01420
%RSD	0.64307	4.324	26.916	5.0047	0.79782

#1	-0.00204	-0.0016	0.00012	2.2802	-1.7695
#2	-0.00202	-0.0017	0.00017	2.1244	-1.7896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3691.7	48134.	5455.5	142.75	4287.2
Stddev	11.4	19.	17.0	0.22	9.5
%RSD	0.30981	0.03999	0.31072	0.15273	0.22252

#1	3683.6	48148.	5443.5	142.60	4280.5
#2	3699.8	48120.	5467.5	142.91	4294.0

Sample Name: J5813-09 Acquired: 11/9/2018 14:06:57 Type: Unk
Method: P4-ICP2(v2560) 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	.03597	-.01177	.39056	-.04562	.01038	224.01	1.4982
Stddev	.00137	.00094	.00008	.00028	.00328	.77	.0103
%RSD	3.8157	7.9680	.02160	.60372	31.618	.34539	.68972

#1	.03500	-.01111	.39062	-.04543	.01270	223.46	1.4909
#2	.03694	-.01244	.39050	-.04582	.00806	224.55	1.5055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01029	-.00237	49.577	.25621	.18309	.40322	323.83
Stddev	.00004	.00002	.176	.00013	.00014	.00063	.89
%RSD	.42244	1.0414	.35507	.05144	.07505	.15581	.27440

#1	.01026	-.00235	49.452	.25630	.18319	.40278	323.20
#2	.01032	-.00239	49.701	.25612	.18299	.40367	324.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.580	75.632	.38442	-.00043	4.3042	.39844	1.1741
Stddev	.017	.520	.00011	.00013	.0091	.00114	.0054
%RSD	.16152	.68762	.02824	30.585	.21132	.28620	.45721

#1	10.592	75.265	.38450	-.00052	4.2977	.39764	1.1779
#2	10.568	76.000	.38435	-.00033	4.3106	.39925	1.1703

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.519	.00151	.28974	3.7763	5.0309	.02128	2.0130
Stddev	.189	.00024	.00043	.0131	.0609	.00039	.0019
%RSD	.87923	15.874	.14875	.34773	1.2107	1.8106	.09621

#1	21.385	.00134	.29004	3.7670	4.9878	.02101	2.0144
#2	21.653	.00168	.28943	3.7856	5.0739	.02155	2.0116

Sample Name: J5813-09 Acquired: 11/9/2018 14:06:57 Type: Unk
 Method: P4-ICP2(v2560) 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	.57076	8.759	-.07058	<.00000	F<.00000
Stddev	.00257	.003	.00029	.50740	2.1996
%RSD	.44969	.0291	.40609	4.2331	2.5056

#1	.56895	8.760	-.07078	-12.345	-86.232
#2	.57258	8.757	-.07038	-11.628	-89.343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4026.0	52513.	6389.3	133.91	3587.5
Stddev	1.2	165.	9.0	.52	1.9
%RSD	.03092	.31369	.14054	.39155	.05212

#1	4025.1	52397.	6395.6	133.53	3586.2
#2	4026.8	52630.	6382.9	134.28	3588.8

Sample Name: J5813-10 Acquired: 11/9/2018 14:11:00 Type: Unk
Method: P4-ICP2(v2560) 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	.03760	-.00974	.38905	-.04952	.01346	230.36	1.6166
Stddev	.00325	.00113	.00194	.00105	.00396	.61	.0035
%RSD	8.6500	11.635	.49802	2.1136	29.454	.26560	.21905

#1	.03990	-.01054	.38768	-.04878	.01065	230.80	1.6141
#2	.03530	-.00894	.39042	-.05026	.01626	229.93	1.6191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01184	-.00301	34.013	.27333	.20666	-.00025	360.59
Stddev	.00007	.00062	.080	.00094	.00022	.00431	4.64
%RSD	.58450	20.571	.23552	.34220	.10427	1737.4	1.2880

#1	.01179	-.00345	33.957	.27267	.20651	-.00329	363.88
#2	.01189	-.00258	34.070	.27399	.20681	.00280	357.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.014	83.543	.42204	.00037	3.4187	.40916	1.2735
Stddev	.068	.723	.00028	.00132	.0066	.00214	.0165
%RSD	.56468	.86524	.06726	358.12	.19181	.52198	1.2971

#1	12.062	83.032	.42184	.00131	3.4140	.40765	1.2852
#2	11.966	84.055	.42224	-.00057	3.4233	.41067	1.2618

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.219	.00188	.33076	3.2576	8.3128	.02305	2.3751
Stddev	.039	.00008	.01122	.0190	.0551	.00036	.0072
%RSD	.17391	4.1627	3.3936	.58309	.66310	1.5540	.30237

#1	22.192	.00182	.33870	3.2442	8.2738	.02279	2.3700
#2	22.247	.00193	.32283	3.2710	8.3518	.02330	2.3801

Sample Name: J5813-10 Acquired: 11/9/2018 14:11:00 Type: Unk
 Method: P4-ICP2(v2560) 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	.64505	9.389	-.16628	<.00000	F<.00000
Stddev	.00314	.018	.00539	.02791	.76447
%RSD	.48740	.1956	3.2412	.20005	.75895

#1	.64283	9.402	-.17009	-13.973	-100.19
#2	.64728	9.376	-.16246	-13.934	-101.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4001.1	52236.	6429.5	130.75	3557.8
Stddev	1.3	88.	25.1	1.64	.8
%RSD	.03173	.16764	.38961	1.2518	.02184

#1	4002.0	52174.	6447.2	129.60	3557.3
#2	4000.2	52298.	6411.8	131.91	3558.4

Sample Name: J5813-11 Acquired: 11/9/2018 14:15:02 Type: Unk
Method: P4-ICP2(v2560) 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	.03680	-.01130	.34568	-.05115	.00982	218.47	1.4976
Stddev	.00189	.00075	.00208	.00923	.00072	.67	.0141
%RSD	5.1390	6.6682	.60257	18.047	7.3182	.30741	.94414

#1	.03547	-.01183	.34421	-.04463	.01033	218.00	1.5076
#2	.03814	-.01076	.34716	-.05768	.00932	218.95	1.4876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01037	-.00209	60.642	.26727	.19243	.05873	331.64
Stddev	.00020	.00055	.598	.00046	.00037	.00637	5.07
%RSD	1.9411	26.210	.98586	.17360	.19184	10.838	1.5274

#1	.01022	-.00248	61.064	.26694	.19216	.05423	335.22
#2	.01051	-.00170	60.219	.26760	.19269	.06323	328.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.234	81.536	.37097	-.00076	3.5889	.43253	1.1727
Stddev	.005	.633	.00077	.00157	.0287	.00214	.0217
%RSD	.04927	.77589	.20695	207.71	.80091	.49529	1.8492

#1	10.238	81.983	.37043	.00035	3.6092	.43404	1.1881
#2	10.230	81.089	.37151	-.00186	3.5686	.43102	1.1574

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.146	.00194	1.1321	4.3819	6.7359	.02144	2.3084
Stddev	.190	.00050	.0056	.0136	.0824	.00091	.0005
%RSD	.99287	25.681	.49517	.30914	1.2227	4.2403	.02013

#1	19.280	.00229	1.1361	4.3723	6.7942	.02208	2.3088
#2	19.011	.00159	1.1282	4.3915	6.6777	.02080	2.3081

Sample Name: J5813-11 Acquired: 11/9/2018 14:15:02 Type: Unk
Method: P4-ICP2(v2560) 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	.55824	9.561	-.09407	<.00000	F<.00000
Stddev	.00206	.004	.00288	.09592	.04757
%RSD	.36848	.0389	3.0608	.73169	.05073

#1	.55970	9.564	-.09611	-13.041	-93.809
#2	.55679	9.558	-.09203	-13.177	-93.741

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4034.3	52676.	6455.2	134.49	3585.5
Stddev	1.6	26.	82.8	2.54	.2
%RSD	.04023	.04911	1.2831	1.8919	.00546

#1	4035.4	52658.	6396.7	132.69	3585.7
#2	4033.1	52694.	6513.8	136.29	3585.4

Sample Name: J5813-12 Acquired: 11/9/2018 14:19:03 Type: Unk
Method: P4-ICP2(v2560) 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	.05541	-.01129	.39180	-.04800	.01103	228.72	1.5895
Stddev	.00356	.00132	.00567	.00322	.00235	1.19	.0139
%RSD	6.4222	11.691	1.4472	6.7080	21.282	.51921	.87712

#1	.05289	-.01222	.38780	-.05027	.01270	227.88	1.5994
#2	.05793	-.01036	.39581	-.04572	.00937	229.56	1.5796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01474	-.00207	70.537	.23819	.19294	.03672	351.85
Stddev	.00010	.00024	.750	.00165	.00018	.00201	2.51
%RSD	.68939	11.795	1.0639	.69117	.09421	5.4813	.71390

#1	.01467	-.00190	71.068	.23935	.19281	.03814	350.08
#2	.01482	-.00224	70.006	.23702	.19307	.03530	353.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.844	70.954	.39008	.00045	3.5311	.41175	1.1431
Stddev	.047	.661	.00247	.00066	.0266	.00068	.0027
%RSD	.31916	.93103	.63296	146.44	.75199	.16574	.23772

#1	14.811	71.421	.38834	-.00002	3.5499	.41127	1.1412
#2	14.878	70.487	.39183	.00091	3.5124	.41223	1.1450

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.506	.00178	.32633	4.1754	5.9780	.02256	2.0207
Stddev	.140	.00030	.01332	.0292	.0447	.00213	.0039
%RSD	.75637	17.125	4.0810	.69836	.74813	9.4504	.19481

#1	18.605	.00156	.31691	4.1548	6.0096	.02105	2.0235
#2	18.407	.00199	.33574	4.1960	5.9464	.02406	2.0180

Sample Name: J5813-12 Acquired: 11/9/2018 14:19:03 Type: Unk
 Method: P4-ICP2(v2560) 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	.53059	F 12.92	-.07951	<.00000	F<.00000
Stddev	.00051	.06	.00493	.38631	1.9908
%RSD	.09576	.4823	6.1993	2.9236	1.9469

#1	.53095	12.88	-.07602	-12.941	-100.84
#2	.53023	12.96	-.08299	-13.487	-103.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.2	52780.	6436.9	132.99	3581.8
Stddev	8.5	97.	85.3	.27	12.0
%RSD	.20999	.18310	1.3252	.20217	.33521

#1	4038.2	52712.	6376.6	133.18	3590.3
#2	4050.2	52848.	6497.3	132.80	3573.3

Sample Name: J5878-01 Acquired: 11/9/2018 14:23:03 Type: Unk
Method: P4-ICP2(v2560) 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	.00752	-.00248	.00588	.00611	-.00210	.00747	.20611	-.00001
Stddev	.00269	.00184	.00089	.00027	.00144	.01715	.00116	.00000
%RSD	35.827	74.042	15.181	4.3995	68.586	229.79	.56072	21.388

#1	.00943	-.00118	.00651	.00630	-.00108	-.00466	.20529	-.00001
#2	.00562	-.00378	.00525	.00592	-.00312	.01959	.20693	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	226.33	.00043	-.00041	-.00030	-.05952	.00117	100.13
Stddev	.00000	1.51	.00021	.00005	.00059	.00394	.00015	.51
%RSD	.61780	.66691	49.195	12.472	199.75	6.6173	13.022	.51346

#1	-.00019	225.27	.00058	-.00037	.00012	-.05673	.00127	99.766
#2	-.00020	227.40	.00028	-.00044	-.00071	-.06230	.00106	100.49

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.00009	964.08	.00147	.03933	35.345	.02273	.42610
Stddev	.00020	.00022	9.48	.00004	.00004	.209	.00022	.00127
%RSD	18.630	253.80	.98381	2.8493	.08903	.59005	.96040	.29753

#1	-.00091	-.00007	970.79	.00144	.03930	35.198	.02258	.42521
#2	-.00119	.00025	957.38	.00150	.03935	35.493	.02289	.42700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 66.081	F 16.889	-.02229	-.00375	.02678	.1677	1.5065	7.6738
Stddev	.233	.096	.00048	.00028	.00032	.0002	.0075	.0320
%RSD	.35244	.56755	2.1664	7.5570	1.1834	.0993	.49926	.41724

#1	66.245	16.821	-.02263	-.00355	.02656	.1676	1.5012	7.6511
#2	65.916	16.957	-.02195	-.00395	.02701	.1678	1.5118	7.6964

Sample Name: J5878-01 Acquired: 11/9/2018 14:23:03 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3156
Stddev .2265
%RSD 5.2491

#1 4.1555
#2 4.4758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.7	41248.	5245.8	130.66	3242.4
Stddev	3.9	81.	34.1	.64	5.4
%RSD	.12410	.19566	.64979	.49097	.16605

#1	3156.9	41305.	5269.9	131.12	3238.6
#2	3162.5	41191.	5221.7	130.21	3246.2

Sample Name: PB114674BL Acquired: 11/9/2018 14:27:09 Type: Unk
Method: P4-ICP2(v2560) 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	.00146	.00014	.00186	.00150	.00081	-.00606	-.00041
Stddev	.00217	.00049	.00022	.00025	.00014	.01215	.00036
%RSD	148.88	335.68	12.047	16.755	16.955	200.43	87.028

#1	.00300	-.00020	.00202	.00167	.00090	-.01466	-.00016
#2	-.00008	.00049	.00170	.00132	.00071	.00253	-.00066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00004	-.00779	-.00007	.00002	-.00070	.00525
Stddev	.00000	.00004	.01220	.00006	.00012	.00033	.00045
%RSD	14.158	106.75	156.65	76.782	752.35	46.694	8.6008

#1	-.00002	-.00001	-.01642	-.00011	.00010	-.00094	.00493
#2	-.00002	-.00007	.00084	-.00003	-.00007	-.00047	.00557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00280	.00090	.00047	.33739	-.00041	-.00004
Stddev	.00002	.01577	.00013	.00012	.00980	.00016	.00008
%RSD	9.4662	563.24	15.056	26.456	2.9035	39.879	184.59

#1	.00020	-.01395	.00099	.00055	.34432	-.00052	.00001
#2	.00018	.00835	.00080	.00038	.33047	-.00029	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37119	.00006	-.00227	.00907	.00722	-.00029	.00025
Stddev	.00856	.00030	.00750	.00221	.00119	.00083	.00027
%RSD	2.3057	535.68	330.75	24.394	16.482	285.78	111.46

#1	.37724	.00026	.00304	.01063	.00806	-.00088	.00044
#2	.36513	-.00015	-.00757	.00750	.00638	.00030	.00005

Sample Name: PB114674BL Acquired: 11/9/2018 14:27:09 Type: Unk
Method: P4-ICP2(v2560) 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	.00062	-.0019	.00008	2.1243	F<.00000
Stddev	.00261	.0009	.00015	.0107	.73104
%RSD	418.97	44.58	194.63	.50181	71.981

#1	-.00122	-.0013	.00019	2.1168	-.49867
#2	.00246	-.0025	-.00003	2.1319	-1.5325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.3	48714.	5558.3	143.98	4342.0
Stddev	21.1	106.	51.5	1.64	30.5
%RSD	.56618	.21670	.92574	1.1378	.70230

#1	3706.4	48639.	5521.9	145.13	4320.4
#2	3736.2	48788.	5594.6	142.82	4363.6

Sample Name: PB114675BS Acquired: 11/9/2018 14:31:12 Type: Unk
Method: P4-ICP2(v2560) 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	.79154	1.9310	.96693	1.9604	.85072	2.4123	.22236
Stddev	.00160	.0005	.00022	.0037	.00494	.0116	.00039
%RSD	.20151	.02640	.02317	.19043	.58089	.47869	.17549

#1	.79041	1.9313	.96709	1.9630	.84723	2.4205	.22209
#2	.79266	1.9306	.96677	1.9578	.85422	2.4041	.22264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19355	.18473	1.4744	.39954	.19730	.31832	3.5204
Stddev	.00052	.00064	.0022	.00033	.00037	.00021	.0050
%RSD	.26690	.34848	.14740	.08242	.18779	.06554	.14091

#1	.19391	.18428	1.4729	.39930	.19704	.31847	3.5169
#2	.19318	.18519	1.4759	.39977	.19756	.31818	3.5239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22494	2.2780	.48110	.06920	3.2885	.30150	.19810
Stddev	.00013	.0292	.00072	.00058	.0057	.00088	.00115
%RSD	.05999	1.2801	.14953	.83864	.17415	.29204	.58247

#1	.22504	2.2986	.48060	.06961	3.2925	.30212	.19729
#2	.22485	2.2573	.48161	.06879	3.2844	.30088	.19892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.216	.45278	.31590	.01438	.97068	.68424	.23568
Stddev	.032	.00133	.01421	.00295	.01264	.00087	.00236
%RSD	.28141	.29272	4.4990	20.519	1.3021	.12653	1.0019

#1	11.194	.45185	.30585	.01230	.96175	.68485	.23401
#2	11.238	.45372	.32595	.01647	.97962	.68363	.23735

Sample Name: PB114675BS Acquired: 11/9/2018 14:31:12 Type: Unk
Method: P4-ICP2(v2560) 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	.22916	5.215	.20780	1.8649	F<.00000
Stddev	.00168	.005	.00110	.1737	.31491
%RSD	.73453	.0975	.52950	9.3137	10.097

#1	.22797	5.219	.20702	1.7421	-2.8961
#2	.23035	5.212	.20857	1.9877	-3.3414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.3	48870.	5555.3	143.93	4251.8
Stddev	10.3	186.	3.5	.11	18.3
%RSD	.27742	.38005	.06325	.07904	.43155

#1	3711.0	48739.	5552.8	144.01	4238.9
#2	3725.6	49002.	5557.8	143.85	4264.8

Sample Name: J5851-01 Acquired: 11/9/2018 14:35:03 Type: Unk
Method: P4-ICP2(v2560) 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	.00488	.00066	.00133	.00273	-.00175	.00731	.01431	.00004
Stddev	.00016	.00011	.00078	.00217	.00117	.01618	.00075	.00002
%RSD	3.2924	16.832	58.388	79.498	66.761	221.17	5.2211	38.735

#1	.00500	.00074	.00078	.00120	-.00092	.01875	.01484	.00003
#2	.00477	.00058	.00188	.00427	-.00258	-.00412	.01379	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	29.796	-.00027	.00017	.00032	.02413	.00125	10.567
Stddev	.00013	.165	.00000	.00011	.00017	.01116	.00006	.048
%RSD	223.38	.55370	.87769	68.677	51.985	46.246	4.7074	.45734

#1	-.00015	29.680	-.00027	.00009	.00020	.03202	.00129	10.533
#2	.00003	29.913	-.00028	.00025	.00044	.01624	.00121	10.601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00026	63.982	.00027	.00009	3.7300	.00021	.04155
Stddev	.00042	.00008	.026	.00064	.00000	.0251	.00008	.00827
%RSD	409.80	30.972	.04081	240.87	5.8283	.67363	37.357	19.896

#1	-.00020	-.00031	63.963	-.00019	.00009	3.7122	.00027	.04739
#2	.00040	-.00020	64.000	.00072	.00008	3.7477	.00015	.03570

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2547	2.4244	-.00322	.00116	-.00452	.0452	.16069	3.8333
Stddev	.0191	.0120	.00015	.00233	.00142	.0006	.00015	.0723
%RSD	.26312	.49465	4.5488	200.27	31.292	1.231	.09434	1.8854

#1	7.2682	2.4329	-.00333	.00281	-.00552	.0456	.16058	3.7822
#2	7.2412	2.4159	-.00312	-.00048	-.00352	.0448	.16080	3.8844

Sample Name: J5851-01 Acquired: 11/9/2018 14:35:03 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .94338
 Stddev .01084
 %RSD 1.1491

#1 .95105
 #2 .93572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.0	47920.	5576.6	144.27	4145.7
Stddev	6.0	53.	26.0	2.73	.4
%RSD	.16233	.10970	.46651	1.8923	.00871

#1	3686.2	47957.	5558.2	142.34	4146.0
#2	3677.8	47883.	5595.0	146.20	4145.5

Sample Name: J5851-01LX5 Acquired: 11/9/2018 14:39:04 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	-.00013	.00212	.00065	.00053	-.00892	.00317	.00004
Stddev	.00133	.00094	.00024	.00271	.00154	.00701	.00043	.00002
%RSD	41.240	709.94	11.457	414.59	291.20	78.538	13.407	52.459

#1	.00417	-.00080	.00229	.00257	-.00056	-.01387	.00347	.00003
#2	.00229	.00053	.00195	-.00126	.00162	-.00397	.00287	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	6.0859	-.00088	-.00005	-.00012	.02083	.00036	2.1746
Stddev	.00008	.0102	.00004	.00027	.00047	.00657	.00002	.0662
%RSD	7892.5	.16826	4.2521	537.27	378.97	31.527	6.3084	3.0460

#1	.00006	6.0786	-.00090	-.00024	-.00045	.02548	.00038	2.2214
#2	-.00006	6.0931	-.00085	.00014	.00021	.01619	.00034	2.1278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00017	12.982	.00021	.00005	.84074	-.00005	.00290
Stddev	.00025	.00026	.140	.00060	.00009	.03322	.00010	.00110
%RSD	42.086	148.21	1.0782	286.56	192.01	3.9510	209.02	37.847

#1	.00077	-.00035	13.081	.00063	.00011	.86423	.00002	.00368
#2	.00042	.00001	12.883	-.00021	-.00002	.81725	-.00011	.00213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4103	.49392	-.00161	.00283	-.00197	.0080	.03335	2.7945
Stddev	.0063	.00812	.00049	.00077	.00112	.0003	.00018	.0963
%RSD	.44731	1.6448	30.775	27.412	56.942	3.500	.52927	3.4476

#1	1.4059	.49966	-.00196	.00337	-.00118	.0078	.03348	2.7264
#2	1.4148	.48818	-.00126	.00228	-.00277	.0082	.03323	2.8626

Sample Name: J5851-01LX5 Acquired: 11/9/2018 14:39:04 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .46861
 %RSD 48.402

#1 -.63681
 #2 -1.2995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.7	47582.	5510.7	143.21	4198.8
Stddev	15.0	67.	74.9	5.02	16.7
%RSD	.41223	.14145	1.3590	3.5051	.39871

#1	3632.1	47535.	5457.7	139.67	4186.9
#2	3653.3	47630.	5563.6	146.76	4210.6

Sample Name: J5851-01DUP Acquired: 11/9/2018 14:51:08 Type: Unk
Method: P4-ICP2(v2560) 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	.00589	-.00061	.00138	.00336	-.00162	.00617	.01538	.00009
Stddev	.00252	.00091	.00124	.00086	.00069	.00286	.00060	.00004
%RSD	42.816	148.80	90.210	25.742	42.577	46.276	3.8810	50.736

#1	.00411	.00003	.00226	.00397	-.00113	.00819	.01580	.00006
#2	.00767	-.00126	.00050	.00275	-.00211	.00415	.01496	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	30.057	-.00039	-.00001	.00123	.02090	.00126	10.619
Stddev	.00003	.155	.00017	.00000	.00016	.00287	.00003	.090
%RSD	78.078	.51597	44.898	26.058	12.784	13.732	2.4789	.84495

#1	-.00005	30.166	-.00051	-.00001	.00112	.02293	.00128	10.556
#2	-.00002	29.947	-.00026	-.00001	.00134	.01887	.00124	10.683

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00033	64.415	.00052	.00007	3.6974	.00027	.03373
Stddev	.00000	.00007	.510	.00006	.00010	.0080	.00017	.00087
%RSD	4.5011	21.618	.79128	11.516	144.05	.21490	60.682	2.5879

#1	.00007	-.00028	64.776	.00056	-.00000	3.6918	.00039	.03434
#2	.00007	-.00038	64.055	.00048	.00014	3.7031	.00016	.03311

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4177	2.4372	-.00332	.00186	-.00526	.0470	.16192	3.8098
Stddev	.0667	.0055	.00090	.00022	.00045	.0002	.00118	.0005
%RSD	.89972	.22365	27.170	12.052	8.6090	.4567	.72786	.01273

#1	7.3705	2.4410	-.00268	.00170	-.00494	.0468	.16276	3.8094
#2	7.4649	2.4333	-.00396	.00202	-.00558	.0471	.16109	3.8101

Sample Name: J5851-01DUP Acquired: 11/9/2018 14:51:08 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.08755
Stddev	.22271
%RSD	254.38

#1	-.06993
#2	.24503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.2	46679.	5490.8	140.96	4021.0
Stddev	30.7	94.	43.2	1.79	28.4
%RSD	.86555	.20042	.78622	1.2690	.70719

#1	3571.9	46613.	5460.2	139.70	4041.1
#2	3528.5	46745.	5521.3	142.23	4000.8

Sample Name: CCV03 Acquired: 11/9/2018 14:55:10 Type: Unk
Method: P4-ICP2(v2560) 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	5.3147	4.9921	5.1047	5.2782	5.4408	10.842	10.698	.26013	2.4864
Stddev	.0105	.0094	.0029	.0151	.0027	.090	.001	.00003	.0044
%RSD	.19718	.18919	.05594	.28583	.04937	.83217	.01263	.01238	.17726
#1	5.3073	4.9854	5.1026	5.2675	5.4389	10.778	10.699	.26010	2.4833
#2	5.3221	4.9988	5.1067	5.2889	5.4427	10.905	10.697	.26015	2.4895
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.786	.97657	2.5289	1.3152	4.9566	2.5824	25.340	2.4766	1.2673
Stddev	.131	.00218	.0036	.0037	.1508	.0078	.193	.0024	.0034
%RSD	.48899	.22370	.14063	.28161	3.0429	.30246	.76094	.09771	.27213
#1	26.878	.97811	2.5264	1.3126	5.0632	2.5769	25.477	2.4748	1.2697
#2	26.693	.97502	2.5314	1.3178	4.8500	2.5880	25.204	2.4783	1.2649
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	25.506	2.4544	2.5452	26.961	5.3784	5.1193	5.1349	5.2138	4.9809
Stddev	.010	.0066	.0781	.007	.0035	.0060	.0081	.0239	.0049
%RSD	.03752	.26758	3.0677	.02439	.06517	.11725	.15756	.45869	.09869
#1	25.513	2.4498	2.6004	26.957	5.3760	5.1151	5.1406	5.2307	4.9775
#2	25.499	2.4591	2.4900	26.966	5.3809	5.1236	5.1292	5.1969	4.9844
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.1166	5.4193	4.956	5.1936	3.7981	1.6853			
Stddev	.0081	.0057	.007	.0012	.2126	.2839			
%RSD	.15857	.10465	.1363	.02259	5.5979	16.846			
#1	5.1223	5.4233	4.952	5.1928	3.6477	1.4846			
#2	5.1109	5.4153	4.961	5.1944	3.9484	1.8861			

Sample Name: CCV03 Acquired: 11/9/2018 14:55:10 Type: Unk
Method: P4-ICP2(v2560) 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	3529.6	46378.	5473.8	135.54	3778.7
Stddev	4.8	61.	39.3	4.15	6.2
%RSD	.13476	.13164	.71840	3.0599	.16528
#1	3533.0	46421.	5446.0	132.61	3783.1
#2	3526.2	46334.	5501.6	138.47	3774.2

Sample Name: CCB03 Acquired: 11/9/2018 14:58:55 Type: Unk
Method: P4-ICP2(v2560) 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	.00131	.00051	.00357	.00219	.00007	.00393	.00021	.00004
Stddev	.00197	.00160	.00015	.00188	.00094	.00883	.00102	.00005
%RSD	150.52	316.79	4.1595	85.628	1353.3	224.81	491.34	103.71

#1	.00270	-.00063	.00346	.00352	.00074	-.00232	.00093	.00008
#2	-.00008	.00164	.00367	.00087	-.00060	.01017	-.00051	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00525	-.00045	.00005	-.00116	.00852	.00010	-.02640
Stddev	.00004	.02681	.00047	.00003	.00016	.00023	.00002	.00088
%RSD	73.950	510.70	104.70	55.249	13.713	2.6847	17.602	3.3219

#1	.00002	-.01371	-.00012	.00003	-.00105	.00868	.00009	-.02578
#2	.00008	.02420	-.00078	.00007	-.00128	.00836	.00011	-.02702

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00018	.00901	-.00046	-.00001	.08501	.00025	-.00322
Stddev	.00028	.00005	.00807	.00021	.00004	.01873	.00018	.00063
%RSD	35.610	26.923	89.557	45.647	755.95	22.031	75.358	19.542

#1	.00098	.00021	.00331	-.00031	.00002	.07177	.00038	-.00366
#2	.00058	.00014	.01472	-.00060	-.00003	.09826	.00011	-.00277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	.00764	.00031	.00256	-.00108	-.0020	.00019	2.5881
Stddev	.00177	.00115	.00001	.00080	.00021	.0004	.00005	.1653
%RSD	39.398	15.037	2.6025	31.160	19.802	20.31	24.675	6.3886

#1	.00573	.00683	.00032	.00312	-.00124	-.0017	.00016	2.7050
#2	.00323	.00845	.00031	.00200	-.00093	-.0023	.00023	2.4712

Sample Name: CCB03 Acquired: 11/9/2018 14:58:55 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .35341
 %RSD 38.014

#1 -.67978
 #2 -1.1796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.9	48092.	5548.4	146.30	4284.9
Stddev	13.4	59.	32.5	.60	5.5
%RSD	.36735	.12277	.58526	.40679	.12793

#1	3644.5	48051.	5525.4	146.73	4281.0
#2	3663.4	48134.	5571.4	145.88	4288.8

Sample Name: J5851-01MS Acquired: 11/9/2018 15:02:59 Type: Unk
Method: P4-ICP2(v2560) 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	.96519	2.2191	1.1195	2.4596	1.0002	2.4361	.25742	.24258
Stddev	.01173	.0130	.0039	.0035	.0036	.0066	.00005	.00087
%RSD	1.2158	.58337	.35038	.14360	.36194	.26909	.01794	.35895

#1	.97349	2.2282	1.1222	2.4621	1.0027	2.4315	.25745	.24196
#2	.95689	2.2099	1.1167	2.4571	.99761	2.4407	.25739	.24319

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21902	30.638	.44624	.22378	.36574	3.3191	.23729	12.996
Stddev	.00073	.001	.00178	.00041	.00084	.0259	.00022	.067
%RSD	.33217	.00324	.39923	.18116	.22984	.77912	.09155	.51584

#1	.21953	30.638	.44498	.22407	.36633	3.3008	.23744	12.949
#2	.21850	30.639	.44750	.22350	.36514	3.3374	.23713	13.044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54818	.07906	67.229	.33731	.23522	15.773	.51125	.37266
Stddev	.00200	.00049	.513	.00046	.00224	.180	.00124	.00300
%RSD	.36394	.61844	.76360	.13647	.95437	1.1415	.24344	.80597

#1	.54959	.07871	66.866	.33699	.23363	15.646	.51213	.37478
#2	.54677	.07940	67.592	.33764	.23680	15.900	.51037	.37053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3428	3.5145	.80121	.24125	.23809	6.680	.38877	3.3299
Stddev	.0122	.0042	.00179	.00309	.00123	.011	.00315	.5586
%RSD	.16616	.11876	.22338	1.2820	.51691	.1616	.81030	16.774

#1	7.3514	3.5175	.79995	.23906	.23722	6.687	.38654	2.9349
#2	7.3342	3.5116	.80248	.24343	.23896	6.672	.39100	3.7248

Sample Name: J5851-01MS Acquired: 11/9/2018 15:02:59 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .84422
%RSD 139.43

#1 -.00852
#2 -1.2024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.0	47161.	5500.8	142.29	4003.6
Stddev	4.3	45.	47.9	1.87	1.7
%RSD	.11834	.09541	.87038	1.3171	.04169

#1	3603.0	47193.	5534.6	143.61	4004.8
#2	3609.1	47129.	5466.9	140.96	4002.4

Sample Name: J5851-01MSD Acquired: 11/9/2018 15:06:47 Type: Unk
Method: P4-ICP2(v2560) 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	.95271	2.1990	1.1028	2.4323	.98477	2.3947	.25563
Stddev	.01925	.0336	.0207	.0451	.01947	.0360	.00228
%RSD	2.0207	1.5293	1.8738	1.8530	1.9767	1.5011	.89374

#1	.96632	2.2228	1.1174	2.4642	.99853	2.4201	.25401
#2	.93910	2.1752	1.0882	2.4004	.97100	2.3692	.25724

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23852	.21641	30.367	.43959	.22131	.36069	3.2563
Stddev	.00413	.00398	.555	.00856	.00463	.00604	.0135
%RSD	1.7312	1.8385	1.8279	1.9462	2.0923	1.6742	.41388

#1	.24144	.21922	29.975	.44564	.22458	.36496	3.2468
#2	.23560	.21360	30.760	.43354	.21803	.35642	3.2658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23372	12.686	.54219	.07769	66.734	.33643	.22989
Stddev	.00394	.126	.00932	.00202	.572	.00717	.00057
%RSD	1.6855	.99268	1.7196	2.6041	.85759	2.1305	.24682

#1	.23650	12.597	.54878	.07912	66.329	.34150	.22949
#2	.23093	12.775	.53559	.07626	67.138	.33136	.23029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.612	.50566	.38421	7.2336	3.4848	.79108	.23851
Stddev	.062	.00950	.01294	.1481	.0405	.01315	.00600
%RSD	.39631	1.8780	3.3671	2.0469	1.1623	1.6621	2.5158

#1	15.568	.51238	.37507	7.3383	3.4561	.80038	.23427
#2	15.656	.49895	.39336	7.1289	3.5134	.78178	.24276

Sample Name: J5851-01MSD Acquired: 11/9/2018 15:06:47 Type: Unk
 Method: P4-ICP2(v2560) 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	.23890	6.614	.38481	3.1511	F<.00000
Stddev	.00381	.114	.00192	.4473	.33741
%RSD	1.5948	1.729	.49785	14.194	32.184

#1	.23620	6.695	.38345	3.4673	-.80982
#2	.24159	6.533	.38616	2.8348	-1.2870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.3	47511.	5512.8	143.98	4016.3
Stddev	71.0	772.	54.8	.19	75.4
%RSD	1.9618	1.6256	.99466	.13463	1.8770

#1	3570.0	46965.	5551.6	144.12	3963.0
#2	3670.5	48057.	5474.1	143.84	4069.6

Sample Name: J5851-01A Acquired: 11/9/2018 15:10:37 Type: Unk
Method: P4-ICP2(v2560) 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	.95902	2.2092	1.1112	2.4449	.99675	2.4314	.25592
Stddev	.00171	.0045	.0027	.0087	.00143	.0195	.00109
%RSD	.17811	.20151	.24170	.35767	.14333	.80202	.42523

#1	.96023	2.2124	1.1131	2.4511	.99776	2.4176	.25669
#2	.95781	2.2061	1.1093	2.4387	.99574	2.4452	.25515

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24213	.21760	30.483	.44539	.22182	.36300	3.3151
Stddev	.00043	.00014	.007	.00004	.00039	.00044	.0610
%RSD	.17926	.06407	.02333	.00847	.17736	.12073	1.8405

#1	.24244	.21750	30.488	.44536	.22155	.36269	3.3582
#2	.24183	.21770	30.478	.44542	.22210	.36331	3.2720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23638	12.749	.54524	.07857	66.422	.33852	.23364
Stddev	.00015	.015	.00102	.00094	.168	.00026	.00522
%RSD	.06295	.11778	.18616	1.1923	.25287	.07726	2.2359

#1	.23648	12.759	.54596	.07923	66.541	.33870	.23733
#2	.23627	12.738	.54452	.07791	66.303	.33833	.22994

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.628	.50869	.37471	7.2617	3.4798	.79572	.23826
Stddev	.224	.00030	.00274	.0023	.0128	.00125	.00064
%RSD	1.4332	.05972	.73031	.03194	.36746	.15661	.26881

#1	15.470	.50890	.37664	7.2601	3.4889	.79484	.23872
#2	15.787	.50847	.37277	7.2634	3.4708	.79660	.23781

Sample Name: J5851-01A Acquired: 11/9/2018 15:10:37 Type: Unk
 Method: P4-ICP2(v2560) 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	.23654	6.649	.38377	3.3131	F<.00000
Stddev	.00107	.019	.00051	.2722	.75097
%RSD	.45397	.2832	.13179	8.2170	45.412

#1	.23578	6.662	.38412	3.1206	-2.1847
#2	.23730	6.636	.38341	3.5056	-1.1227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.4	46999.	5528.1	141.94	3995.7
Stddev	15.4	75.	43.9	3.56	10.7
%RSD	.42888	.16014	.79432	2.5063	.26709

#1	3583.5	47052.	5497.0	139.43	3988.2
#2	3605.3	46946.	5559.1	144.46	4003.3

Sample Name: J5851-08 Acquired: 11/9/2018 15:14:25 Type: Unk
Method: P4-ICP2(v2560) 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	.00302	.00053	.00225	.00352	-.00074	.01322	.01620	-.00000
Stddev	.00067	.00083	.00030	.00246	.00152	.00547	.00003	.00011
%RSD	22.382	155.87	13.459	69.876	205.92	41.399	.18054	12268.
#1	.00349	.00112	.00203	.00178	.00034	.00935	.01618	-.00008
#2	.00254	-.00005	.00246	.00527	-.00181	.01710	.01622	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	30.992	-.00090	.00000	.00061	.01684	.00070	13.907
Stddev	.00006	.102	.00031	.00018	.00071	.00375	.00006	.022
%RSD	321.35	.32879	34.663	4545.9	115.74	22.278	8.5481	.15465
#1	-.00006	30.920	-.00068	.00013	.00112	.01419	.00066	13.892
#2	.00002	31.064	-.00112	-.00012	.00011	.01949	.00075	13.922
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00035	93.688	.00034	-.00018	4.8359	.00064	.04618
Stddev	.00037	.00048	.035	.00085	.00008	.0267	.00011	.00067
%RSD	1256.7	138.34	.03710	250.68	43.622	.55264	16.983	1.4434
#1	.00023	.00001	93.713	.00094	-.00023	4.8170	.00071	.04665
#2	-.00029	.00069	93.664	-.00026	-.00012	4.8548	.00056	.04571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.097	2.4189	-.00401	.00104	-.00311	.0518	.18362	3.8374
Stddev	.195	.0323	.00094	.00079	.00078	.0018	.00030	.0343
%RSD	1.9339	1.3340	23.415	75.712	25.228	3.434	.16110	.89256
#1	10.236	2.3960	-.00468	.00160	-.00256	.0531	.18383	3.8132
#2	9.9594	2.4417	-.00335	.00048	-.00367	.0505	.18342	3.8616

Sample Name: J5851-08 Acquired: 11/9/2018 15:14:25 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.24019
Stddev	.05620
%RSD	23.398

#1	.20045
#2	.27993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3557.2	47184.	5534.1	142.56	3951.9
Stddev	66.4	43.	22.2	1.10	76.1
%RSD	1.8656	.09168	.40133	.77394	1.9264

#1	3510.3	47154.	5549.8	141.78	3898.1
#2	3604.1	47215.	5518.4	143.34	4005.7

Sample Name: J5851-09 Acquired: 11/9/2018 15:18:28 Type: Unk
Method: P4-ICP2(v2560) 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	.00648	-.00142	.00182	.00428	-.00149	.01274	.01559	.00003
Stddev	.00168	.00034	.00049	.00112	.00039	.00063	.00080	.00000
%RSD	25.973	24.071	26.793	26.271	26.077	4.9433	5.1208	1.0009
#1	.00529	-.00118	.00147	.00348	-.00177	.01319	.01502	.00003
#2	.00767	-.00166	.00216	.00507	-.00122	.01230	.01615	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	31.043	-.00038	.00020	.00076	.01395	.00071	14.388
Stddev	.00004	.080	.00003	.00016	.00016	.00258	.00009	.063
%RSD	44.903	.25819	8.5020	82.601	20.653	18.529	12.613	.43744
#1	-.00006	30.987	-.00041	.00008	.00087	.01212	.00064	14.432
#2	-.00011	31.100	-.00036	.00031	.00065	.01578	.00077	14.343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00016	97.305	.00068	-.00016	4.9694	.00038	.05248
Stddev	.00024	.00028	.589	.00049	.00005	.0157	.00010	.00403
%RSD	46.884	171.07	.60557	71.242	30.788	.31644	26.026	7.6771
#1	.00067	.00003	97.722	.00103	-.00012	4.9582	.00045	.05533
#2	.00034	-.00036	96.888	.00034	-.00019	4.9805	.00031	.04963
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.307	2.3955	-.00431	.00031	-.00315	.0512	.18752	3.7224
Stddev	.055	.0022	.00067	.00149	.00114	.0019	.00038	.5395
%RSD	.53353	.09165	15.452	477.71	36.139	3.625	.20227	14.493
#1	10.346	2.3939	-.00384	-.00074	-.00395	.0499	.18778	3.3410
#2	10.268	2.3970	-.00478	.00136	-.00234	.0525	.18725	4.1039

Sample Name: J5851-09 Acquired: 11/9/2018 15:18:28 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.02528
Stddev	.06470
%RSD	255.93

#1	-.02047
#2	.07103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.6	45467.	5575.4	144.10	3977.3
Stddev	16.8	1725.	20.9	4.97	18.3
%RSD	.47067	3.7930	.37432	3.4505	.46042

#1	3567.7	46687.	5560.7	140.58	3964.4
#2	3591.5	44248.	5590.2	147.61	3990.3

Sample Name: J5851-10 Acquired: 11/9/2018 15:22:30 Type: Unk
Method: P4-ICP2(v2560) 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	.00355	-.00042	.00110	.00182	-.00093	.00562	.01579	.00003
Stddev	.00238	.00060	.00088	.00008	.00020	.01101	.00028	.00011
%RSD	66.937	142.47	79.909	4.1514	22.110	196.00	1.7945	405.68
#1	.00523	.00000	.00171	.00187	-.00107	.01340	.01599	.00010
#2	.00187	-.00084	.00048	.00176	-.00078	-.00217	.01559	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	31.292	-.00071	-.00000	.00091	.01227	.00066	14.487
Stddev	.00008	.159	.00080	.00020	.00016	.00113	.00004	.020
%RSD	76.287	.50714	112.77	5514.7	17.945	9.2337	6.6822	.13901
#1	-.00015	31.180	-.00014	.00014	.00080	.01147	.00063	14.473
#2	-.00005	31.405	-.00127	-.00015	.00103	.01307	.00069	14.501
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00012	98.088	.00054	-.00023	4.9932	.00018	.04423
Stddev	.00038	.00000	.424	.00031	.00003	.0176	.00020	.00101
%RSD	151.02	1.3387	.43220	57.634	14.950	.35169	106.98	2.2927
#1	.00052	-.00012	98.388	.00076	-.00021	5.0057	.00004	.04494
#2	-.00002	-.00013	97.789	.00032	-.00026	4.9808	.00032	.04351
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.297	2.4367	-.00361	-.00060	-.00450	.0513	.18735	3.7241
Stddev	.341	.0228	.00050	.00083	.00052	.0019	.00061	.3588
%RSD	3.3119	.93653	13.900	138.31	11.569	3.743	.32814	9.6330
#1	10.056	2.4206	-.00396	-.00119	-.00487	.0500	.18779	3.9778
#2	10.538	2.4529	-.00325	-.00001	-.00414	.0527	.18692	3.4705

Sample Name: J5851-10 Acquired: 11/9/2018 15:22:30 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1215
Stddev	1.1898
%RSD	106.10

#1	.28014
#2	1.9628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.8	46709.	5569.1	144.03	4020.3
Stddev	80.9	63.	10.8	2.95	95.3
%RSD	2.2491	.13557	.19362	2.0483	2.3703

#1	3653.0	46754.	5576.7	146.12	4087.6
#2	3538.6	46665.	5561.4	141.95	3952.9

Sample Name: J5851-11 Acquired: 11/9/2018 15:26:31 Type: Unk
Method: P4-ICP2(v2560) 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	.00399	-.00075	.00136	.00429	-.00119	.00869	.01432	.00001
Stddev	.00013	.00036	.00056	.00423	.00216	.00873	.00022	.00009
%RSD	3.2713	48.507	41.444	98.642	181.14	100.45	1.5611	720.37
#1	.00390	-.00101	.00176	.00130	-.00272	.00252	.01448	-.00005
#2	.00409	-.00049	.00096	.00728	.00033	.01486	.01416	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	31.512	-.00015	-.00001	.00064	.01715	.00198	15.184
Stddev	.00001	.052	.00034	.00003	.00012	.01427	.00005	.135
%RSD	23.457	.16521	223.49	433.67	18.662	83.229	2.5739	.89229
#1	-.00006	31.549	.00009	.00001	.00055	.00706	.00201	15.088
#2	-.00004	31.475	-.00039	-.00003	.00072	.02724	.00194	15.279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00032	104.74	.00073	-.00004	5.3283	.00028	.05102
Stddev	.00007	.00004	.31	.00020	.00011	.0248	.00002	.00369
%RSD	4408.2	13.861	.29773	26.657	275.35	.46451	5.8598	7.2296
#1	.00005	.00029	104.96	.00087	-.00011	5.3108	.00029	.05363
#2	-.00005	.00036	104.52	.00059	.00004	5.3458	.00027	.04841
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.902	2.3790	-.00411	.00183	-.00419	.0507	.19015	3.7826
Stddev	.178	.0382	.00068	.00001	.00042	.0014	.00159	.1763
%RSD	1.6334	1.6038	16.522	.53015	10.125	2.785	.83633	4.6600
#1	10.776	2.4060	-.00459	.00182	-.00449	.0497	.19128	3.6580
#2	11.027	2.3520	-.00363	.00183	-.00389	.0517	.18903	3.9073

Sample Name: J5851-11 Acquired: 11/9/2018 15:26:31 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.81286
Stddev	.17314
%RSD	21.300

#1	.69044
#2	.93529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.6	47144.	5601.5	145.80	3988.0
Stddev	54.1	767.	42.6	.98	59.8
%RSD	1.5037	1.6265	.76067	.66875	1.4985

#1	3632.8	46602.	5571.3	146.49	4030.2
#2	3556.4	47686.	5631.6	145.11	3945.7

Sample Name: J5851-12 Acquired: 11/9/2018 15:30:32 Type: Unk
Method: P4-ICP2(v2560) 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	.00468	-.00095	.00128	.00071	-.00095	.01585	.01435	.00001
Stddev	.00065	.00106	.00041	.00156	.00249	.00910	.00017	.00001
%RSD	13.842	111.07	31.731	219.72	261.26	57.377	1.1627	109.06
#1	.00514	-.00170	.00099	.00182	.00081	.00942	.01423	.00000
#2	.00422	-.00020	.00156	-.00039	-.00271	.02229	.01447	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	31.217	-.00052	-.00017	.00044	.00866	.00174	15.294
Stddev	.00003	.054	.00011	.00018	.00019	.00571	.00004	.083
%RSD	57.238	.17435	20.530	104.94	42.147	65.933	2.5241	.54476
#1	-.00008	31.178	-.00059	-.00030	.00031	.01270	.00177	15.235
#2	-.00003	31.255	-.00044	-.00004	.00058	.00462	.00171	15.353
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00020	105.22	.00021	-.00019	5.3494	.00009	.05317
Stddev	.00019	.00103	.29	.00035	.00002	.0022	.00020	.00395
%RSD	385.82	521.93	.27312	168.57	9.3547	.04095	222.33	7.4298
#1	.00009	-.00053	105.02	-.00004	-.00018	5.3478	-.00005	.05596
#2	-.00019	.00092	105.43	.00045	-.00021	5.3509	.00023	.05037
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.026	2.3867	-.00490	-.00060	-.00487	.0532	.19234	3.8774
Stddev	.064	.0248	.00012	.00170	.00078	.0000	.00039	.2526
%RSD	.57779	1.0371	2.4589	281.99	16.082	.0542	.20484	6.5156
#1	11.071	2.4042	-.00481	.00060	-.00432	.0532	.19206	4.0560
#2	10.981	2.3692	-.00498	-.00180	-.00543	.0533	.19262	3.6988

Sample Name: J5851-12 Acquired: 11/9/2018 15:30:32 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.55668
Stddev	.27769
%RSD	49.884

#1	.36032
#2	.75304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.1	47657.	5557.4	142.25	3938.2
Stddev	16.8	1293.	13.5	.34	28.2
%RSD	.47611	2.7137	.24378	.24159	.71695

#1	3520.2	46742.	5547.9	142.49	3918.2
#2	3544.0	48571.	5567.0	142.01	3958.1

Sample Name: J5851-13 Acquired: 11/9/2018 15:34:32 Type: Unk
Method: P4-ICP2(v2560) 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	.00369	.00041	.00032	.00211	-.00121	.00122	.01591	.00001
Stddev	.00051	.00070	.00065	.00184	.00004	.00781	.00087	.00001
%RSD	13.693	168.77	202.75	87.344	3.4536	640.91	5.4518	223.54

#1	.00334	.00091	-.00014	.00081	-.00118	.00674	.01530	-.00000
#2	.00405	-.00008	.00078	.00341	-.00124	-.00430	.01652	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	32.927	-.00076	-.00008	.00068	.01489	.00120	17.428
Stddev	.00004	.012	.00065	.00025	.00007	.00887	.00003	.067
%RSD	26.552	.03688	84.730	301.21	10.067	59.595	2.5550	.38479

#1	-.00018	32.918	-.00122	.00009	.00063	.02116	.00122	17.380
#2	-.00012	32.936	-.00031	-.00026	.00073	.00861	.00118	17.475

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00000	123.10	.00058	-.00012	6.0913	.00026	.06482
Stddev	.00000	.00006	.79	.00007	.00002	.0367	.00010	.00930
%RSD	6.8585	1141.2	.64524	12.672	17.000	.60285	40.221	14.349

#1	.00007	.00005	123.66	.00053	-.00014	6.0653	.00033	.05825
#2	.00006	-.00004	122.54	.00063	-.00011	6.1173	.00018	.07140

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.634	2.4142	-.00502	.00239	-.00336	.0535	.20459	4.2451
Stddev	.029	.0267	.00078	.00159	.00012	.0002	.00122	.2896
%RSD	.22636	1.1067	15.531	66.608	3.5023	.4276	.59481	6.8223

#1	12.655	2.4331	-.00447	.00127	-.00345	.0534	.20546	4.0403
#2	12.614	2.3953	-.00557	.00352	-.00328	.0537	.20373	4.4499

Sample Name: J5851-13 Acquired: 11/9/2018 15:34:32 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.93572
Stddev	.25149
%RSD	26.876

#1	1.1135
#2	.75789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.2	46246.	5500.3	142.83	3904.0
Stddev	5.3	21.	37.9	.88	14.2
%RSD	.15115	.04648	.68838	.61898	.36349

#1	3505.5	46262.	5473.5	143.46	3893.9
#2	3513.0	46231.	5527.1	142.21	3914.0

Sample Name: J5851-14 Acquired: 11/9/2018 15:38:33 Type: Unk
Method: P4-ICP2(v2560) 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	.00395	-.00117	.00207	.00489	-.00129	.00678	.01853	-.00001
Stddev	.00344	.00003	.00098	.00099	.00241	.00361	.00039	.00003
%RSD	87.124	2.3973	47.618	20.227	186.73	53.353	2.0974	430.04

#1	.00639	-.00115	.00137	.00419	.00041	.00933	.01825	-.00003
#2	.00152	-.00119	.00276	.00559	-.00299	.00422	.01880	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	36.507	-.00063	-.00009	.00056	.01066	.00086	27.610
Stddev	.00001	.597	.00021	.00014	.00020	.00384	.00004	.534
%RSD	10.991	1.6357	33.839	168.22	36.611	35.997	4.6717	1.9348

#1	-.00009	36.929	-.00078	.00002	.00070	.01337	.00083	27.987
#2	-.00011	36.085	-.00048	-.00019	.00041	.00794	.00089	27.232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00007	210.41	.00086	.00021	9.5171	.00018	.09386
Stddev	.00024	.00002	6.80	.00011	.00003	.0542	.00009	.01198
%RSD	210.93	32.734	3.2295	12.835	15.365	.56918	51.657	12.767

#1	.00006	.00005	215.22	.00078	.00023	9.5554	.00024	.08539
#2	-.00029	.00008	205.61	.00094	.00019	9.4787	.00011	.10234

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.310	2.3650	-.00775	.00093	-.00237	.0580	.26614	3.8053
Stddev	.084	.0328	.00015	.00098	.00193	.0024	.00221	.6339
%RSD	.41501	1.3891	1.9138	104.40	81.527	4.061	.83152	16.658

#1	20.250	2.3882	-.00765	.00162	-.00374	.0596	.26770	3.3571
#2	20.370	2.3418	-.00786	.00024	-.00100	.0563	.26457	4.2536

Sample Name: J5851-14 Acquired: 11/9/2018 15:38:33 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.70235
Stddev	.86241
%RSD	122.79

#1	1.3122
#2	.09253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.4	46081.	5426.2	138.79	3803.3
Stddev	17.2	1578.	80.5	2.88	16.3
%RSD	.49514	3.4235	1.4834	2.0734	.42858

#1	3486.6	47196.	5369.3	136.75	3814.8
#2	3462.2	44965.	5483.1	140.82	3791.8

Sample Name: CCV04 Acquired: 11/9/2018 15:55:47 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3173	5.0228	5.0972	5.3170	5.4281	10.916	10.680	.26232
Stddev	.0177	.0003	.0057	.0113	.0056	.014	.021	.00013
%RSD	.33359	.00563	.11196	.21304	.10416	.13250	.19777	.05046
#1	5.3298	5.0226	5.1012	5.3090	5.4321	10.905	10.695	.26223
#2	5.3047	5.0230	5.0931	5.3250	5.4241	10.926	10.665	.26242
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4941	26.439	.98102	2.5390	1.3173	4.9834	2.5865	25.090
Stddev	.0012	.248	.00056	.0011	.0006	.0682	.0024	.126
%RSD	.04671	.93919	.05737	.04306	.04175	1.3682	.09325	.50189
#1	2.4949	26.263	.98141	2.5398	1.3177	5.0316	2.5848	25.179
#2	2.4933	26.614	.98062	2.5383	1.3169	4.9352	2.5882	25.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4907	1.2679	25.664	2.4749	2.5485	26.986	5.3577	5.0747
Stddev	.0042	.0000	.048	.0068	.0322	.013	.0121	.0026
%RSD	.16701	.00276	.18771	.27389	1.2633	.04652	.22590	.05090
#1	2.4937	1.2679	25.699	2.4701	2.5713	26.995	5.3662	5.0766
#2	2.4878	1.2680	25.630	2.4797	2.5257	26.977	5.3491	5.0729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1846	5.0979	5.0042	5.1124	5.3926	5.014	5.2064	F 3.7998
Stddev	.0309	.0308	.0003	.0216	.0053	.013	.0144	.0062
%RSD	.59590	.60456	.00593	.42265	.09900	.2535	.27714	.16306
#1	5.2065	5.0761	5.0044	5.1277	5.3888	5.023	5.2166	3.8041
#2	5.1628	5.1197	5.0040	5.0971	5.3964	5.005	5.1962	3.7954

Sample Name: CCV04 Acquired: 11/9/2018 15:55:47 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .85807
Stddev	.36429
%RSD	42.454

#1	1.1157
#2	.60048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.0	45295.	5430.0	132.73	3689.5
Stddev	15.2	166.	11.2	1.94	15.2
%RSD	.43742	.36679	.20558	1.4627	.41311
#1	3454.3	45177.	5422.2	131.36	3678.8
#2	3475.8	45412.	5437.9	134.10	3700.3

Sample Name: CCB04 Acquired: 11/9/2018 15:59:31 Type: Unk
Method: P4-ICP2(v2560) 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	.00101	-.00004	.00286	.00164	-.00101	-.00222	-.00023
Stddev	.00012	.00103	.00093	.00084	.00076	.00524	.00049
%RSD	11.842	2620.4	32.632	51.256	74.602	235.78	207.40

#1	.00110	.00069	.00353	.00223	-.00155	.00148	.00011
#2	.00093	-.00077	.00220	.00104	-.00048	-.00592	-.00058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00010	.02333	-.00050	.00001	-.00113	.00165
Stddev	.00010	.00014	.00254	.00055	.00007	.00010	.01099
%RSD	217.53	134.26	10.893	109.48	1328.5	9.1020	667.93

#1	.00002	.00020	.02512	-.00011	.00005	-.00121	-.00613
#2	-.00011	.00001	.02153	-.00089	-.00004	-.00106	.00942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.01025	.00092	.00053	-.01723	-.00061	.00013
Stddev	.00000	.01360	.00038	.00009	.01142	.00000	.00004
%RSD	1.9922	132.68	40.605	17.492	66.294	.07769	33.388

#1	.00013	-.01987	.00119	.00060	-.02530	-.00061	.00010
#2	.00013	-.00063	.00066	.00047	-.00915	-.00061	.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04080	.00020	.01302	.00391	.00993	.00057	.00158
Stddev	.01314	.00017	.00706	.00367	.00113	.00009	.00175
%RSD	32.204	85.160	54.223	93.837	11.383	16.418	110.92

#1	.03151	.00008	.00803	.00131	.01073	.00063	.00282
#2	.05009	.00031	.01801	.00650	.00913	.00050	.00034

Sample Name: CCB04 Acquired: 11/9/2018 15:59:31 Type: Unk
 Method: P4-ICP2(v2560) 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	-.00055	-.0012	.00018	F 1.9162	F<.00000
Stddev	.00212	.0010	.00001	.4730	.09764
%RSD	388.49	82.76	4.8153	24.685	6.8321

#1	.00095	-.0005	.00017	2.2507	-1.4981
#2	-.00205	-.0019	.00018	1.5818	-1.3600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.1	48294.	5460.1	139.34	4178.5
Stddev	7.8	1832.	33.0	1.44	.2
%RSD	.21791	3.7930	.60385	1.0318	.00545

#1	3567.6	46999.	5436.7	138.33	4178.7
#2	3578.6	49590.	5483.4	140.36	4178.4

Sample Name: J5851-15 Acquired: 11/9/2018 16:03:36 Type: Unk
Method: P4-ICP2(v2560) 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	.00541	-.00064	.00130	.00292	-.00280	.01089	.01834	.00004
Stddev	.00061	.00048	.00013	.00318	.00021	.00347	.00299	.00002
%RSD	11.373	75.484	10.128	108.83	7.3651	31.866	16.312	44.897
#1	.00584	-.00098	.00140	.00517	-.00266	.00844	.02045	.00005
#2	.00497	-.00030	.00121	.00067	-.00295	.01335	.01622	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	35.770	-.00090	-.00002	.00065	.00975	.00075	26.081
Stddev	.00005	1.932	.00040	.00026	.00014	.00598	.00002	1.532
%RSD	1824.4	5.4006	44.510	1536.0	21.854	61.333	2.3451	5.8743
#1	.00004	37.136	-.00119	-.00020	.00055	.01399	.00076	27.164
#2	-.00003	34.404	-.00062	.00017	.00075	.00552	.00074	24.997
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00000	196.67	.00052	-.00008	8.8746	.00013	.09338
Stddev	.00009	.00009	8.65	.00034	.00002	.4890	.00029	.00832
%RSD	1015.0	9451.7	4.3998	65.845	27.017	5.5097	214.78	8.9100
#1	.00007	-.00006	202.79	.00028	-.00010	9.2204	.00034	.09926
#2	-.00005	.00006	190.55	.00077	-.00007	8.5289	-.00007	.08749
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.165	2.3408	-.00654	.00061	-.00191	.0549	.25823	3.6574
Stddev	1.428	.1251	.00126	.00021	.00067	.0061	.01529	.8525
%RSD	7.8628	5.3431	19.297	33.539	34.778	11.19	5.9225	23.308
#1	19.175	2.4292	-.00743	.00047	-.00238	.0593	.26905	4.2601
#2	17.155	2.2523	-.00565	.00076	-.00144	.0506	.24742	3.0546

Sample Name: J5851-15 Acquired: 11/9/2018 16:03:36 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .58219
Stddev .28990
%RSD 49.795

#1 .78718
#2 .37720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.2	46626.	5489.2	140.62	3992.3
Stddev	257.5	1996.	260.2	4.89	265.7
%RSD	7.0367	4.2802	4.7408	3.4806	6.6546

#1	3477.2	45215.	5305.2	137.16	3804.4
#2	3841.3	48038.	5673.2	144.08	4180.1

Sample Name: J5851-16 Acquired: 11/9/2018 16:07:44 Type: Unk
Method: P4-ICP2(v2560) 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	.00294	-.00023	.00194	.00171	-.00040	.00891	.01636	.00003
Stddev	.00512	.00087	.00041	.00218	.00180	.00530	.00017	.00005
%RSD	174.33	384.24	21.120	127.52	453.34	59.478	1.0299	162.21

#1	-.00068	.00039	.00223	.00326	.00087	.01266	.01648	.00006
#2	.00656	-.00084	.00165	.00017	-.00167	.00516	.01624	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	34.114	-.00063	-.00019	.00039	.00442	.00081	23.566
Stddev	.00007	.017	.00022	.00027	.00075	.00170	.00021	.110
%RSD	70.991	.05096	34.596	142.24	190.87	38.580	26.254	.46699

#1	-.00014	34.126	-.00079	.00000	-.00014	.00562	.00066	23.644
#2	-.00005	34.101	-.00048	-.00038	.00092	.00321	.00097	23.488

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00077	174.94	.00058	-.00000	8.0069	.00024	.08035
Stddev	.00010	.00016	.67	.00061	.00004	.0305	.00017	.00180
%RSD	67.250	20.302	.38288	105.07	6438.4	.38037	72.016	2.2417

#1	-.00008	-.00088	174.47	.00102	.00003	8.0284	.00036	.08163
#2	-.00022	-.00066	175.41	.00015	-.00003	7.9854	.00012	.07908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.408	2.3662	-.00655	-.00192	-.00077	.0562	.24204	4.4484
Stddev	.019	.0987	.00013	.00004	.00178	.0008	.00000	2.7697
%RSD	.10948	4.1721	1.9833	2.1861	231.04	1.395	.00138	62.263

#1	17.394	2.2964	-.00645	-.00189	-.00203	.0567	.24204	2.4899
#2	17.421	2.4360	-.00664	-.00195	.00049	.0556	.24204	6.4069

Sample Name: J5851-16 Acquired: 11/9/2018 16:07:44 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.89913
Stddev	.31220
%RSD	34.723

#1	1.1199
#2	.67837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.7	43280.	5538.7	142.70	3823.5
Stddev	5.9	8694.	3.5	3.18	32.5
%RSD	.17004	20.088	.06295	2.2302	.84991

#1	3487.9	49427.	5541.2	144.95	3846.5
#2	3479.5	37132.	5536.3	140.45	3800.5

Sample Name: J5851-17 Acquired: 11/9/2018 16:11:49 Type: Unk
Method: P4-ICP2(v2560) 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	.00294	-.00083	.00091	.00408	-.00238	.00991	.01295	-.00001
Stddev	.00163	.00003	.00027	.00134	.00021	.00708	.00049	.00003
%RSD	55.565	3.6469	29.004	32.722	8.8223	71.432	3.7685	204.44
#1	.00178	-.00081	.00110	.00502	-.00253	.00491	.01329	-.00004
#2	.00409	-.00085	.00073	.00314	-.00223	.01492	.01260	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	30.477	-.00055	-.00002	.00087	.01685	.00200	14.386
Stddev	.00002	.154	.00022	.00032	.00057	.00318	.00004	.006
%RSD	33.227	.50689	39.293	1599.8	65.216	18.881	1.7678	.04073
#1	-.00004	30.587	-.00070	-.00024	.00047	.01910	.00203	14.382
#2	-.00007	30.368	-.00040	.00020	.00127	.01460	.00198	14.390
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00005	95.669	.00045	.00042	4.9687	.00028	.04803
Stddev	.00007	.00077	.458	.00000	.00003	.0006	.00002	.00612
%RSD	88.115	1514.4	.47878	1.0150	6.7977	.01170	6.3528	12.742
#1	.00013	.00050	95.345	.00045	.00044	4.9683	.00026	.05235
#2	.00003	-.00060	95.993	.00046	.00040	4.9692	.00029	.04370
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.357	2.3914	-.00391	-.00118	-.00394	.0540	.18500	4.0007
Stddev	.224	.0067	.00040	.00173	.00191	.0002	.00146	.1227
%RSD	2.1655	.28168	10.285	146.39	48.542	.3681	.78869	3.0663
#1	10.516	2.3866	-.00420	-.00240	-.00259	.0542	.18603	4.0874
#2	10.198	2.3961	-.00363	.00004	-.00529	.0539	.18397	3.9139

Sample Name: J5851-17 Acquired: 11/9/2018 16:11:49 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.03511
Stddev	.19399
%RSD	552.49

#1	.17228
#2	-.10206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.5	46656.	5601.5	143.53	3896.2
Stddev	55.1	3.	34.8	1.50	70.1
%RSD	1.5734	.00694	.62129	1.0459	1.7993

#1	3460.6	46658.	5626.1	144.59	3846.6
#2	3538.5	46653.	5576.9	142.47	3945.7

Sample Name: J5835-01DLX10 Acquired: 11/9/2018 16:15:52 Type: Unk
Method: P4-ICP2(v2560) 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	.00145	.00010	.00398	-.01032	.00144	.22958	.01594	-.00058
Stddev	.00126	.00014	.00126	.00292	.00053	.01449	.00007	.00013
%RSD	86.928	131.81	31.728	28.279	37.157	6.3126	.44895	22.017

#1	.00234	.00001	.00309	-.01239	.00181	.21934	.01589	-.00067
#2	.00056	.00020	.00488	-.00826	.00106	.23983	.01599	-.00049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.78011	.03488	.00279	50.645	40.226	.22556	.10321
Stddev	.00007	.02687	.00017	.00020	.057	.140	.00013	.01794
%RSD	614.15	3.4447	.48928	7.3297	.11221	.34837	.05605	17.383

#1	.00004	.76111	.03476	.00264	50.604	40.325	.22547	.09053
#2	-.00006	.79911	.03500	.00293	50.685	40.127	.22565	.11590

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01474	.00076	.30457	.00003	.15591	.44112	.00241	.02319
Stddev	.00032	.00062	.01177	.00014	.00024	.02184	.00011	.00367
%RSD	2.1813	81.820	3.8633	430.13	.15415	4.9522	4.3720	15.842

#1	.01452	.00032	.31289	.00013	.15608	.42567	.00248	.02059
#2	.01497	.00120	.29625	-.00007	.15574	.45657	.00234	.02578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0051	.11793	.00235	.02498	.00293	-.0477	-.03729	.56428
Stddev	.0020	.00075	.00001	.00178	.00037	.0033	.00017	.02831
%RSD	.19578	.63233	.28494	7.1241	12.762	6.938	.45785	5.0176

#1	1.0065	.11741	.00236	.02372	.00320	-.0500	-.03741	.58430
#2	1.0037	.11846	.00235	.02624	.00267	-.0454	-.03717	.54426

Sample Name: J5835-01DLX10 Acquired: 11/9/2018 16:15:52 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.5075
 Stddev .2838
 %RSD 5.1535

#1 5.3068
 #2 5.7082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.3	46921.	5544.8	141.53	4044.6
Stddev	2.0	93.	9.5	.35	8.9
%RSD	.05657	.19812	.17191	.24739	.21920

#1	3456.9	46855.	5551.6	141.28	4038.3
#2	3459.7	46987.	5538.1	141.77	4050.8

Sample Name: PB114683BL Acquired: 11/9/2018 16:19:55 Type: Unk
Method: P4-ICP2(v2560) 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	.00334	-.00008	.00026	.00393	-.00115	.01002	-.00095
Stddev	.00014	.00047	.00028	.00002	.00007	.00180	.00021
%RSD	4.0961	613.90	107.09	.41972	6.4102	17.988	21.561

#1	.00324	-.00041	.00006	.00391	-.00110	.00874	-.00110
#2	.00343	.00026	.00045	.00394	-.00121	.01129	-.00081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00001	.00536	.00022	.00004	-.00115	.00351
Stddev	.00002	.00005	.00742	.00002	.00012	.00014	.00199
%RSD	30.630	398.14	138.41	10.657	298.42	12.608	56.615

#1	-.00009	-.00005	.00011	.00020	-.00005	-.00125	.00491
#2	-.00005	.00002	.01060	.00023	.00013	-.00104	.00210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.03136	.00049	.00025	.02249	-.00032	-.00002
Stddev	.00002	.01219	.00003	.00071	.00446	.00000	.00003
%RSD	22.179	38.890	6.5489	285.34	19.826	.98130	169.81

#1	.00008	-.03998	.00047	-.00025	.01934	-.00032	-.00003
#2	.00006	-.02273	.00052	.00075	.02565	-.00032	.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07425	-.00007	.00458	F .00522	.00692	-.00061	.00081
Stddev	.00047	.00025	.00090	.00391	.00032	.00072	.00054
%RSD	.63385	372.25	19.567	75.023	4.6730	118.39	66.646

#1	.07392	-.00024	.00521	.00799	.00715	-.00010	.00120
#2	.07459	.00011	.00394	.00245	.00670	-.00111	.00043

Sample Name: PB114683BL Acquired: 11/9/2018 16:19:55 Type: Unk
 Method: P4-ICP2(v2560) 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	-.00035	-.0010	.00000	F 2.4408	F<.00000
Stddev	.00214	.0008	.00010	.1571	.62859
%RSD	618.42	73.54	3283.0	6.4360	43.909

#1	.00117	-.0005	-.00007	2.3297	-1.8761
#2	-.00186	-.0016	.00007	2.5519	-.98710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3553.7	47208.	5502.4	141.09	4173.9
Stddev	14.1	174.	7.3	1.95	12.8
%RSD	.39672	.36844	.13248	1.3824	.30751

#1	3543.8	47085.	5497.2	139.71	4164.9
#2	3563.7	47331.	5507.5	142.47	4183.0

Sample Name: PB114696BS Acquired: 11/9/2018 16:23:59 Type: Unk
Method: P4-ICP2(v2560) 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	.87696	2.0903	1.0535	2.1638	.87337	2.2544	F .24420
Stddev	.00112	.0074	.0055	.0038	.00179	.0049	.00130
%RSD	.12796	.35539	.52326	.17633	.20535	.21626	.53229

#1	.87776	2.0850	1.0496	2.1665	.87210	2.2510	.24512
#2	.87617	2.0955	1.0574	2.1611	.87464	2.2579	.24328

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21237	.20270	1.1920	.42442	.21451	.34796	3.1947
Stddev	.00017	.00084	.0194	.00003	.00101	.00125	.0086
%RSD	.08143	.41277	1.6300	.00766	.46997	.35886	.26935

#1	.21225	.20211	1.1783	.42440	.21380	.34708	3.1887
#2	.21250	.20330	1.2058	.42444	.21522	.34884	3.2008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22993	2.2794	.52116	.06433	3.4624	.32032	.21435
Stddev	.00065	.0145	.00025	.00043	.0117	.00175	.00184
%RSD	.28210	.63480	.04777	.66522	.33822	.54549	.85707

#1	.23038	2.2896	.52098	.06463	3.4707	.31909	.21565
#2	.22947	2.2692	.52133	.06402	3.4541	.32156	.21305

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.657	.45747	.34068	F .00530	.96573	.69586	.22373
Stddev	.029	.00131	.00009	.00346	.00656	.00278	.00076
%RSD	.24613	.28658	.02503	65.248	.67979	.39882	.34010

#1	11.678	.45654	.34074	.00775	.97038	.69389	.22427
#2	11.637	.45839	.34062	.00285	.96109	.69782	.22319

Sample Name: PB114696BS Acquired: 11/9/2018 16:23:59 Type: Unk
Method: P4-ICP2(v2560) 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 .24434	5.702	.22833	F 2.3832	F<.00000
Stddev	.00256	.018	.00011	.1734	.40324
%RSD	1.0461	.3131	.04612	7.2778	13.086

#1	.24615	5.690	.22841	2.5059	-3.3667
#2	.24253	5.715	.22826	2.2606	-2.7964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.3	47428.	5437.5	138.85	4061.5
Stddev	4.7	46.	30.4	1.21	6.0
%RSD	.13359	.09671	.55892	.86816	.14810

#1	3541.9	47395.	5416.1	138.00	4065.7
#2	3548.6	47460.	5459.0	139.71	4057.2

Sample Name: PB114683TB Acquired: 11/9/2018 16:27:49 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.00318	.00048	.00337	.00032	-.00576	-.00078	-.00012
Stddev	.00036	.00005	.00055	.00295	.00036	.00029	.00039	.00002
%RSD	42.271	1.6002	115.20	87.507	111.56	5.0271	49.157	20.105
#1	-.00112	-.00321	.00009	.00546	.00007	-.00555	-.00106	-.00014
#2	-.00060	-.00314	.00087	.00129	.00057	-.00596	-.00051	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.03641	.00018	-.00018	-.00145	.00122	.00031	.00749
Stddev	.00001	.00481	.00013	.00004	.00024	.00587	.00003	.01194
%RSD	9.9842	13.199	72.068	19.513	16.567	481.69	10.556	159.41
#1	-.00014	.03302	.00009	-.00016	-.00128	-.00293	.00029	.01594
#2	-.00012	.03981	.00027	-.00021	-.00162	.00537	.00033	-.00095
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00372	.00252	F 459.46	-.00034	.00164	.32084	.00027	.00384
Stddev	.00013	.00011	.57	.00030	.00011	.01337	.00025	.00520
%RSD	3.4249	4.3660	.12345	87.365	6.9662	4.1669	94.375	135.45
#1	.00381	.00245	459.06	-.00055	.00156	.33029	.00044	.00751
#2	.00363	.00260	459.86	-.00013	.00173	.31138	.00009	.00016
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01519	.02527	.00253	.00278	.02926	-.0021	.00015	F 3.6580
Stddev	.00195	.00424	.00009	.00098	.00236	.0001	.00002	.0079
%RSD	12.830	16.774	3.6489	35.246	8.0697	5.591	16.826	.21713
#1	.01382	.02827	.00246	.00347	.02759	-.0022	.00013	3.6524
#2	.01657	.02227	.00259	.00208	.03093	-.0020	.00017	3.6636

Sample Name: PB114683TB Acquired: 11/9/2018 16:27:49 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .40655
Stddev	.29596
%RSD	72.798

#1	.19727
#2	.61582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.1	43345.	5309.0	134.53	3523.7
Stddev	6.2	29.	17.6	3.22	19.6
%RSD	.18890	.06583	.33201	2.3959	.55746

#1	3282.7	43324.	5321.5	136.81	3509.8
#2	3291.5	43365.	5296.5	132.25	3537.5

Sample Name: PB114682BL Acquired: 11/9/2018 16:31:58 Type: Unk
Method: P4-ICP2(v2560) 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	.00242	.00021	-.00009	.00319	-.00040	.02297	-.00007
Stddev	.00164	.00016	.00012	.00058	.00106	.00209	.00017
%RSD	67.801	76.349	141.67	18.059	266.46	9.0943	227.88

#1	.00126	.00032	-.00017	.00278	-.00115	.02149	-.00019
#2	.00357	.00010	.00000	.00359	.00035	.02445	.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00005	.01619	-.00039	-.00001	-.00072	.00900
Stddev	.00002	.00001	.01485	.00030	.00001	.00019	.00153
%RSD	36.343	18.895	91.727	79.003	78.396	26.250	17.020

#1	-.00005	.00006	.02669	-.00060	-.00001	-.00086	.01009
#2	-.00008	.00005	.00569	-.00017	-.00002	-.00059	.00792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00121	.00061	.00020	.10145	-.00018	.00004
Stddev	.00003	.02825	.00006	.00025	.01292	.00069	.00007
%RSD	34.016	2344.3	9.1383	129.02	12.734	377.69	178.04

#1	.00012	-.01877	.00065	.00038	.11059	.00030	.00009
#2	.00007	.02118	.00057	.00002	.09232	-.00067	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06733	-.00009	-.00442	.00337	.00881	-.00072	.00108
Stddev	.01272	.00000	.00415	.00257	.00326	.00057	.00103
%RSD	18.898	.32500	93.793	76.287	37.013	79.147	95.625

#1	.07633	-.00009	-.00149	.00519	.01112	-.00113	.00035
#2	.05834	-.00009	-.00735	.00155	.00651	-.00032	.00181

Sample Name: PB114682BL Acquired: 11/9/2018 16:31:58 Type: Unk
Method: P4-ICP2(v2560) 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	-.00195	-.0016	.00006	F 2.4877	F<.00000
Stddev	.00118	.0006	.00008	.2941	.32590
%RSD	60.272	35.01	125.25	11.822	26.322

#1	-.00279	-.0020	.00012	2.2798	-1.4686
#2	-.00112	-.0012	.00001	2.6957	-1.0077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.5	47478.	5461.0	141.90	4199.9
Stddev	9.2	64.	24.8	.41	12.3
%RSD	.25623	.13521	.45431	.28652	.29362

#1	3591.0	47524.	5478.5	142.19	4208.6
#2	3578.0	47433.	5443.4	141.62	4191.1

Sample Name: PB114682BS Acquired: 11/9/2018 16:36:02 Type: Unk
Method: P4-ICP2(v2560) 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	.77746	1.8882	.94567	1.9670	.81671	2.0320	.20858
Stddev	.00519	.0006	.00112	.0056	.00254	.0394	.00020
%RSD	.66707	.03128	.11854	.28402	.31135	1.9365	.09580

#1	.78113	1.8886	.94488	1.9630	.81491	2.0042	.20872
#2	.77380	1.8878	.94646	1.9709	.81850	2.0598	.20844

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19749	.18073	1.0518	.37629	.18772	.31901	2.7362
Stddev	.00187	.00002	.0249	.00186	.00013	.00022	.0558
%RSD	.94764	.00908	2.3710	.49410	.07099	.06912	2.0403

#1	.19617	.18075	1.0695	.37498	.18762	.31917	2.6967
#2	.19882	.18072	1.0342	.37760	.18781	.31885	2.7757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20460	1.9870	.46127	.06932	3.0335	.27983	.19334
Stddev	.00206	.0365	.00041	.00102	.0031	.00268	.00456
%RSD	1.0084	1.8378	.08888	1.4662	.10184	.95848	2.3590

#1	.20314	1.9612	.46098	.06860	3.0313	.27794	.19011
#2	.20606	2.0128	.46156	.07004	3.0357	.28173	.19656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.485	.42133	.29387	10.363	.92329	.64234	.20016
Stddev	.002	.00079	.00476	.000	.01416	.00120	.00170
%RSD	.02099	.18679	1.6184	.00229	1.5331	.18607	.84827

#1	10.483	.42077	.29723	10.363	.91328	.64319	.20136
#2	10.486	.42188	.29051	10.363	.93329	.64149	.19896

Sample Name: PB114682BS Acquired: 11/9/2018 16:36:02 Type: Unk
Method: P4-ICP2(v2560) 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	.21276	5.108	.19594	F 2.5990	F<.00000
Stddev	.00135	.004	.00109	.0081	.25079
%RSD	.63450	.0875	.55619	.31292	10.539

#1	.21371	5.112	.19671	2.6048	-2.2023
#2	.21180	5.105	.19517	2.5933	-2.5570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.3	46266.	5325.4	140.57	4068.1
Stddev	5.8	387.	2.5	2.96	8.3
%RSD	.16607	.83733	.04605	2.1053	.20518

#1	3516.2	46540.	5323.7	142.67	4062.2
#2	3524.4	45992.	5327.1	138.48	4074.0

Sample Name: PB114682TB Acquired: 11/9/2018 16:39:51 Type: Unk
Method: P4-ICP2(v2560) 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	.00133	-.00272	-.00011	.00419	.00228	.00446	-.00060	-.00009
Stddev	.00161	.00208	.00097	.00120	.00274	.01410	.00017	.00000
%RSD	120.84	76.459	884.47	28.721	120.24	316.12	28.047	4.0764
#1	.00019	-.00418	.00057	.00334	.00034	-.00551	-.00049	-.00009
#2	.00247	-.00125	-.00079	.00505	.00422	.01443	-.00072	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00112	.00013	-.00014	-.00115	.00320	.00020	-.03252
Stddev	.00001	.01183	.00029	.00021	.00070	.00136	.00000	.00866
%RSD	19.357	1055.6	214.49	155.14	60.453	42.467	2.4907	26.627
#1	-.00005	-.00948	-.00007	-.00029	-.00165	.00416	.00020	-.02639
#2	-.00004	.00724	.00034	.00001	-.00066	.00224	.00019	-.03864
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	.00274	F 466.11	.00006	.00178	.21130	.00051	.00412
Stddev	.00014	.00092	6.29	.00004	.00006	.01705	.00001	.00804
%RSD	3.7741	33.661	1.3504	73.511	3.2192	8.0680	1.2403	194.96
#1	.00387	.00209	470.56	.00003	.00182	.22336	.00050	.00981
#2	.00367	.00339	461.66	.00009	.00174	.19925	.00051	-.00156
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	.02062	.00181	.00098	.00957	-.0038	.00003	F 3.8567
Stddev	.00369	.00147	.00005	.00109	.00179	.0001	.00003	.2179
%RSD	34.568	7.1421	2.6724	111.33	18.699	2.048	111.38	5.6506
#1	.00807	.01958	.00177	.00174	.00831	-.0038	.00005	4.0108
#2	.01329	.02166	.00184	.00021	.01084	-.0039	.00001	3.7026

Sample Name: PB114682TB Acquired: 11/9/2018 16:39:51 Type: Unk
Method: P4-ICP2(v2560) 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	.23787
%RSD	54.405

#1	.60542
#2	.26902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.3	43085.	5315.1	133.75	3518.4
Stddev	16.7	151.	54.6	1.09	21.0
%RSD	.51237	.35107	1.0265	.81502	.59822

#1	3245.5	42978.	5276.5	132.98	3503.5
#2	3269.1	43192.	5353.6	134.53	3533.3

Sample Name: CCV05 Acquired: 11/9/2018 16:44:01 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3954	5.0482	5.1635	5.3448	5.4927	10.860	10.813	.26406
Stddev	.0065	.0058	.0061	.0075	.0045	.035	.008	.00011
%RSD	.11972	.11564	.11875	.14099	.08178	.32675	.07303	.04147
#1	5.4000	5.0523	5.1592	5.3395	5.4959	10.835	10.808	.26414
#2	5.3909	5.0440	5.1679	5.3501	5.4895	10.885	10.819	.26398
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5112	26.837	.97906	2.5651	1.3315	4.9559	2.6035	25.778
Stddev	.0047	.172	.00495	.0059	.0010	.0499	.0067	.093
%RSD	.18919	.64160	.50607	.22947	.07295	1.0071	.25881	.36036
#1	2.5078	26.715	.98256	2.5610	1.3308	4.9206	2.6083	25.713
#2	2.5146	26.958	.97555	2.5693	1.3322	4.9912	2.5988	25.844
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4968	1.2776	25.746	2.4569	2.5543	27.253	5.4653	5.1271
Stddev	.0057	.0046	.037	.0043	.0166	.098	.0010	.0401
%RSD	.22748	.36051	.14549	.17718	.64823	.36019	.01836	.78185
#1	2.4928	1.2809	25.719	2.4600	2.5426	27.183	5.4646	5.0988
#2	2.5008	1.2743	25.772	2.4538	2.5660	27.322	5.4660	5.1555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2259	5.2107	5.0552	5.1898	5.4463	5.036	5.2515	F 3.8198
Stddev	.0037	.0143	.0053	.0173	.0113	.013	.0114	.1237
%RSD	.07164	.27347	.10399	.33269	.20765	.2532	.21636	3.2393
#1	5.2232	5.2006	5.0515	5.1776	5.4383	5.027	5.2435	3.9073
#2	5.2285	5.2208	5.0589	5.2020	5.4543	5.045	5.2595	3.7323

Sample Name: CCV05 Acquired: 11/9/2018 16:44:01 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .71409
Stddev	.21061
%RSD	29.494

#1	.86301
#2	.56516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.5	45120.	5299.2	132.10	3649.0
Stddev	5.2	192.	9.8	.80	1.0
%RSD	.15195	.42543	.18550	.60306	.02741

#1	3398.9	44984.	5292.3	132.67	3649.7
#2	3406.2	45256.	5306.2	131.54	3648.3

Sample Name: CCB05 Acquired: 11/9/2018 16:47:45 Type: Unk
Method: P4-ICP2(v2560) 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	.00075	-.00043	-.00019	.00323	-.00081	.01306	.00115
Stddev	.00195	.00028	.00041	.00209	.00082	.00500	.00014
%RSD	261.71	64.057	209.98	64.640	101.80	38.269	12.564

#1	.00213	-.00063	.00009	.00176	-.00023	.00953	.00105
#2	-.00064	-.00024	-.00048	.00471	-.00139	.01659	.00125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00002	-.00073	-.00006	.00018	-.00128	.00497
Stddev	.00002	.00001	.00989	.00023	.00002	.00011	.01183
%RSD	224.89	64.985	1360.5	367.09	13.735	8.3284	238.03

#1	-.00003	-.00001	.00627	.00010	.00019	-.00121	.01333
#2	.00001	-.00003	-.00772	-.00022	.00016	-.00136	-.00339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.03353	.00051	.00030	.02906	-.00044	.00000
Stddev	.00001	.02127	.00021	.00020	.00699	.00025	.00015
%RSD	15.301	63.452	40.308	66.902	24.069	56.526	4125.0

#1	.00007	-.01848	.00037	.00016	.02411	-.00062	.00011
#2	.00005	-.04857	.00066	.00045	.03401	-.00026	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03092	.00032	.00437	.00259	.00956	.00089	.00031
Stddev	.01908	.00018	.00523	.00342	.00257	.00014	.00184
%RSD	61.691	56.405	119.68	132.01	26.841	15.244	593.08

#1	.04441	.00044	.00807	.00501	.00774	.00098	-.00099
#2	.01743	.00019	.00067	.00017	.01137	.00079	.00161

Sample Name: CCB05 Acquired: 11/9/2018 16:47:45 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.0011	.00026	F 2.6339	F<.00000
Stddev	.00173	.0003	.00006	.4481	.57513
%RSD	462.42	30.63	21.381	17.013	38.239

#1	.00159	-.0013	.00030	2.3170	-1.9107
#2	-.00085	-.0008	.00022	2.9508	-1.0974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.2	47380.	5379.8	138.96	4182.2
Stddev	11.2	506.	73.9	.12	12.2
%RSD	.31407	1.0684	1.3733	.08481	.29068

#1	3559.3	47738.	5432.0	138.88	4173.6
#2	3575.2	47022.	5327.5	139.04	4190.8

Sample Name: PB114675BL Acquired: 11/9/2018 16:51:49 Type: Unk
Method: P4-ICP2(v2560) 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	.00099	.00000	-.00028	-.00108	-.00022	.00322	.00035
Stddev	.00197	.00072	.00007	.00103	.00104	.00315	.00085
%RSD	200.18	14745.	24.651	95.905	469.30	97.966	240.63

#1	.00238	-.00051	-.00033	-.00035	-.00096	.00099	-.00025
#2	-.00041	.00052	-.00023	-.00181	.00051	.00544	.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	.00570	-.00026	-.00012	-.00118	-.00029
Stddev	.00006	.00005	.00890	.00001	.00011	.00059	.00733
%RSD	356.43	841.34	155.99	4.0668	89.376	50.009	2540.9

#1	-.00006	-.00005	.01199	-.00026	-.00004	-.00076	-.00547
#2	.00003	.00003	-.00059	-.00025	-.00019	-.00160	.00489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.03114	.00046	-.00018	-.01216	-.00017	-.00010
Stddev	.00005	.04447	.00035	.00059	.00168	.00018	.00009
%RSD	77.652	142.81	75.430	330.86	13.803	107.15	91.766

#1	.00003	-.06259	.00022	.00024	-.01098	-.00004	-.00004
#2	.00010	.00031	.00071	-.00059	-.01335	-.00030	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04251	.00014	.00624	-.00035	.00676	-.00044	.00309
Stddev	.04016	.00001	.00779	.00212	.00229	.00053	.00055
%RSD	94.485	7.9020	124.72	604.46	33.819	120.38	17.920

#1	-.07091	.00013	.01175	-.00185	.00838	-.00007	.00270
#2	-.01411	.00015	.00074	.00115	.00514	-.00082	.00348

Sample Name: PB114675BL Acquired: 11/9/2018 16:51:49 Type: Unk
Method: P4-ICP2(v2560) 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	-.00169	-.0011	.00001	F 2.5595	F<.00000
Stddev	.00011	.0009	.00009	.1098	.03642
%RSD	6.3859	77.05	588.66	4.2899	3.0190
#1	-.00176	-.0018	.00008	2.4818	-1.1806
#2	-.00161	-.0005	-.00005	2.6371	-1.2321
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.6	47441.	5422.8	138.08	4188.5
Stddev	7.5	178.	2.5	.60	9.0
%RSD	.20928	.37419	.04653	.43527	.21590
#1	3568.3	47315.	5424.6	137.66	4182.1
#2	3578.9	47566.	5421.0	138.51	4194.9

Sample Name: PB114674BS Acquired: 11/9/2018 16:55:55 Type: Unk
Method: P4-ICP2(v2560) 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	.79232	1.8876	.95306	1.9341	.83007	2.0931	.21792
Stddev	.00364	.0042	.00294	.0078	.00091	.0104	.00029
%RSD	.45932	.22476	.30872	.40410	.10993	.49874	.13514

#1	.78975	1.8906	.95098	1.9397	.83072	2.1005	.21813
#2	.79490	1.8846	.95514	1.9286	.82943	2.0857	.21772

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19254	.18103	1.1087	.39232	.19514	.31669	2.9356
Stddev	.00003	.00043	.0016	.00193	.00091	.00029	.0043
%RSD	.01796	.23708	.14399	.49161	.46808	.09261	.14793

#1	.19251	.18073	1.1075	.39095	.19450	.31690	2.9325
#2	.19256	.18134	1.1098	.39368	.19579	.31649	2.9387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21017	2.0757	.47249	.06940	3.1332	.29171	.19646
Stddev	.00017	.0366	.00074	.00023	.0070	.00044	.00093
%RSD	.08261	1.7641	.15693	.33162	.22271	.15080	.47397

#1	.21005	2.0498	.47196	.06956	3.1283	.29140	.19580
#2	.21029	2.1016	.47301	.06924	3.1381	.29202	.19711

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.858	.44604	.31842	F 3.1225	.93522	.66232	.20854
Stddev	.022	.00097	.00467	.0088	.00246	.00157	.00270
%RSD	.20594	.21755	1.4656	.28206	.26324	.23713	1.2965

#1	10.842	.44672	.31512	3.1163	.93348	.66343	.20663
#2	10.874	.44535	.32172	3.1288	.93696	.66121	.21045

Sample Name: PB114674BS Acquired: 11/9/2018 16:55:55 Type: Unk
Method: P4-ICP2(v2560) 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	.22276	F 5.137	.20552	F 2.3474	F<.00000
Stddev	.00048	.001	.00122	.4936	.53273
%RSD	.21485	.0172	.59461	21.030	19.027

#1	.22310	5.138	.20466	2.6964	-2.4232
#2	.22242	5.136	.20638	1.9983	-3.1766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.9	47003.	5329.8	136.99	4063.2
Stddev	20.4	39.	19.7	.23	10.6
%RSD	.57865	.08340	.37024	.16515	.26151

#1	3510.5	46975.	5343.8	136.83	4055.6
#2	3539.3	47031.	5315.9	137.15	4070.7

Sample Name: PB114673BL Acquired: 11/9/2018 16:59:45 Type: Unk
Method: P4-ICP2(v2560) 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	.00015	-.00016	-.00054	.00286	.00049	-.00368	.00074
Stddev	.00049	.00082	.00098	.00131	.00210	.00840	.00118
%RSD	317.22	510.35	183.08	45.682	430.51	228.51	159.69

#1	-.00019	.00042	-.00123	.00378	.00197	-.00962	-.00010
#2	.00050	-.00074	.00016	.00194	-.00100	.00226	.00158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00002	.01540	.00017	.00009	-.00133	.00107
Stddev	.00007	.00001	.00584	.00011	.00006	.00075	.00046
%RSD	344.39	61.188	37.922	68.329	64.764	56.110	43.105

#1	.00007	-.00003	.01127	.00025	.00013	-.00080	.00140
#2	-.00003	-.00001	.01953	.00009	.00005	-.00186	.00075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00023	.00081	-.00018	-.03009	-.00043	-.00017
Stddev	.00003	.01095	.00010	.00041	.00338	.00008	.00005
%RSD	324.59	4778.3	11.878	232.08	11.225	17.628	26.719

#1	-.00001	-.00752	.00087	-.00047	-.03248	-.00048	-.00014
#2	.00004	.00797	.00074	.00011	-.02770	-.00037	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04279	.00012	.00750	.00274	.00752	-.00031	.00350
Stddev	.01805	.00016	.00717	.00002	.00147	.00023	.00066
%RSD	42.188	139.05	95.545	.58524	19.559	73.520	18.737

#1	.03002	.00000	.00243	.00275	.00648	-.00015	.00303
#2	.05555	.00023	.01257	.00273	.00856	-.00047	.00396

Sample Name: PB114673BL Acquired: 11/9/2018 16:59:45 Type: Unk
Method: P4-ICP2(v2560) 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	-.00210	-.0008	.00012	F 2.7271	F<.00000
Stddev	.00062	.0006	.00002	.0684	.43305
%RSD	29.694	83.26	16.287	2.5069	34.127

#1	-.00166	-.0003	.00013	2.6788	-1.5751
#2	-.00254	-.0012	.00010	2.7755	-.96271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.6	47030.	5400.2	140.71	4172.5
Stddev	4.4	159.	29.6	.81	3.8
%RSD	.12380	.33831	.54810	.57371	.09131

#1	3556.5	47143.	5421.2	140.14	4169.8
#2	3562.8	46918.	5379.3	141.28	4175.2

Sample Name: PB114673BS Acquired: 11/9/2018 17:03:50 Type: Unk
Method: P4-ICP2(v2560) 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	.79766	1.9235	.96861	1.9675	.83202	2.1233	.22014
Stddev	.00297	.0011	.00085	.0100	.00682	.0134	.00070
%RSD	.37275	.05919	.08735	.50838	.81942	.63198	.31586

#1	.79976	1.9243	.96801	1.9746	.83684	2.1139	.22063
#2	.79556	1.9227	.96920	1.9605	.82720	2.1328	.21965

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19368	.18481	1.1052	.39369	.19748	.31860	2.9834
Stddev	.00009	.00027	.0230	.00238	.00005	.00060	.0136
%RSD	.04604	.14644	2.0789	.60346	.02320	.18718	.45611

#1	.19362	.18500	1.1214	.39201	.19751	.31902	2.9738
#2	.19375	.18462	1.0889	.39537	.19745	.31818	2.9930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21378	2.0506	.47966	.07050	3.1478	.29568	.19526
Stddev	.00016	.0112	.00089	.00048	.0118	.00128	.00378
%RSD	.07617	.54619	.18599	.67551	.37486	.43162	1.9341

#1	.21367	2.0426	.48029	.07016	3.1394	.29478	.19793
#2	.21390	2.0585	.47903	.07083	3.1561	.29658	.19259

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.904	.45405	.31099	F -.00389	.96086	.67382	.21071
Stddev	.019	.00017	.00629	.00232	.00827	.00016	.00271
%RSD	.17189	.03804	2.0214	59.659	.86094	.02368	1.2880

#1	10.918	.45392	.30655	-.00553	.96671	.67371	.20880
#2	10.891	.45417	.31544	-.00225	.95501	.67394	.21263

Sample Name: PB114673BS Acquired: 11/9/2018 17:03:50 Type: Unk
Method: P4-ICP2(v2560) 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	.23302	5.223	.20577	F 2.8579	F<.00000
Stddev	.00074	.001	.00054	.5436	.58095
%RSD	.31821	.0269	.26045	19.022	20.212

#1	.23250	5.224	.20615	3.2422	-3.2851
#2	.23355	5.222	.20539	2.4735	-2.4635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.4	46320.	5300.9	135.46	4001.4
Stddev	6.7	29.	28.5	2.98	10.6
%RSD	.19163	.06357	.53678	2.2032	.26548

#1	3484.6	46299.	5280.8	133.35	3993.9
#2	3494.1	46341.	5321.0	137.57	4008.9

Sample Name: PB114687BL Acquired: 11/9/2018 17:07:41 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	-.00026	.00043	.00187	-.00040	.00933	.00108
Stddev	.00270	.00192	.00016	.00057	.00079	.00351	.00050
%RSD	89.675	727.73	37.064	30.327	198.50	37.552	46.504

#1	.00110	-.00163	.00032	.00147	-.00096	.01181	.00143
#2	.00492	.00110	.00055	.00227	.00016	.00686	.00072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00000	-.00635	-.00015	-.00010	-.00112	.00427
Stddev	.00002	.00009	.00902	.00016	.00004	.00002	.00154
%RSD	207.83	44521.	142.14	109.51	43.217	1.5076	36.178

#1	.00000	.00006	-.01273	-.00003	-.00007	-.00113	.00536
#2	-.00002	-.00006	.00003	-.00026	-.00013	-.00111	.00318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00799	.00074	.00003	-.03877	-.00017	-.00013
Stddev	.00005	.00630	.00009	.00068	.01405	.00015	.00001
%RSD	54.147	78.872	12.713	2395.8	36.227	84.076	5.6225

#1	.00005	-.01244	.00081	.00051	-.04871	-.00007	-.00013
#2	.00012	-.00353	.00067	-.00045	-.02884	-.00028	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00019	-.00168	-.00019	.00785	-.00063	.00049
Stddev	.02837	.00013	.00357	.00041	.00267	.00019	.00012
%RSD	4693.8	69.395	212.83	219.22	34.039	30.019	25.655

#1	.01946	-.00009	-.00420	-.00048	.00596	-.00077	.00040
#2	-.02067	-.00028	.00085	.00010	.00974	-.00050	.00058

Sample Name: PB114687BL Acquired: 11/9/2018 17:07:41 Type: Unk
 Method: P4-ICP2(v2560) 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	-.00326	-.0020	.00000	F 2.5738	F<.00000
Stddev	.00161	.0000	.00004	.1207	.09709
%RSD	49.413	.8922	984.25	4.6898	9.0862
#1	-.00212	-.0020	-.00003	2.4884	-.99988
#2	-.00440	-.0020	.00003	2.6592	-1.1372
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.6	46985.	5391.6	138.98	4181.3
Stddev	7.8	27.	16.6	1.44	6.0
%RSD	.21851	.05740	.30766	1.0346	.14418
#1	3578.2	47004.	5379.9	137.96	4185.6
#2	3567.1	46966.	5403.4	139.99	4177.1

Sample Name: PB114687BS Acquired: 11/9/2018 17:11:46 Type: Unk
Method: P4-ICP2(v2560) 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	.79374	1.9028	.95518	1.9542	.83283	2.0842	.21793
Stddev	.00259	.0038	.00168	.0054	.00180	.0073	.00162
%RSD	.32653	.20109	.17571	.27745	.21618	.34945	.74317

#1	.79557	1.9055	.95636	1.9581	.83156	2.0894	.21907
#2	.79191	1.9001	.95399	1.9504	.83410	2.0791	.21678

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19371	.18268	1.0881	.39331	.19591	.31620	2.9720
Stddev	.00070	.00024	.0061	.00045	.00066	.00063	.0204
%RSD	.36090	.13295	.56128	.11388	.33604	.19870	.68639

#1	.19421	.18285	1.0838	.39299	.19638	.31575	2.9864
#2	.19322	.18251	1.0924	.39362	.19545	.31664	2.9576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21194	2.0596	.47517	.06836	3.1232	.29401	.19640
Stddev	.00014	.0198	.00008	.00135	.0108	.00079	.00010
%RSD	.06663	.96187	.01705	1.9778	.34676	.26856	.04982

#1	.21204	2.0456	.47511	.06932	3.1308	.29345	.19633
#2	.21184	2.0736	.47523	.06741	3.1155	.29457	.19647

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.843	.44600	.30931	F 2.3496	.93588	.66567	.20954
Stddev	.018	.00059	.00787	.0079	.00542	.00180	.00078
%RSD	.16386	.13292	2.5454	.33448	.57926	.26984	.37188

#1	10.831	.44642	.30374	2.3551	.93972	.66440	.20899
#2	10.856	.44558	.31488	2.3440	.93205	.66694	.21009

Sample Name: PB114687BS Acquired: 11/9/2018 17:11:46 Type: Unk
Method: P4-ICP2(v2560) 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	.22305	5.184	.20640	F 2.6969	F<.00000
Stddev	.00139	.009	.00141	.0046	.11761
%RSD	.62241	.1715	.68100	.16951	4.1286

#1	.22207	5.191	.20740	2.6937	-2.9317
#2	.22404	5.178	.20541	2.7002	-2.7654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.5	46430.	5308.7	135.89	4027.8
Stddev	16.1	127.	34.2	.26	19.6
%RSD	.45893	.27314	.64502	.19025	.48549

#1	3491.2	46340.	5284.5	135.71	4013.9
#2	3513.9	46520.	5332.9	136.07	4041.6

Sample Name: PB114696BL Acquired: 11/9/2018 17:15:36 Type: Unk
Method: P4-ICP2(v2560) 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	.00134	.00044	.00013	.00117	.00030	.01353	.00088
Stddev	.00025	.00191	.00007	.00237	.00088	.00104	.00004
%RSD	18.378	437.56	54.997	202.27	290.55	7.7232	5.0340

#1	.00152	.00179	.00008	-.00050	-.00032	.01279	.00085
#2	.00117	-.00091	.00017	.00284	.00093	.01427	.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	.02049	-.00010	-.00005	-.00076	.01009
Stddev	.00003	.00001	.00564	.00001	.00015	.00008	.00380
%RSD	432.95	27.938	27.501	11.955	313.92	11.146	37.642

#1	-.00003	.00004	.01651	-.00011	-.00016	-.00082	.00740
#2	.00001	.00003	.02448	-.00009	.00006	-.00070	.01277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01309	.00098	-.00065	-.06170	-.00013	-.00010
Stddev	.00004	.02969	.00026	.00032	.00288	.00056	.00016
%RSD	57.301	226.78	26.998	49.511	4.6754	432.87	163.32

#1	.00010	-.03409	.00079	-.00087	-.06373	.00027	-.00021
#2	.00004	.00790	.00116	-.00042	-.05966	-.00053	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03235	-.00020	-.00137	.00083	.00964	-.00097	.00031
Stddev	.00404	.00004	.00428	.00219	.00480	.00004	.00021
%RSD	12.490	21.879	312.78	264.23	49.847	4.5819	68.642

#1	-.03521	-.00017	.00166	-.00072	.01303	-.00094	.00046
#2	-.02949	-.00024	-.00439	.00238	.00624	-.00100	.00016

Sample Name: PB114696BL Acquired: 11/9/2018 17:15:36 Type: Unk
Method: P4-ICP2(v2560) 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	-0.00378	-0.0017	-0.00003	F 2.4073	F<.00000
Stddev	.00197	.0006	.00001	.4349	.47218
%RSD	51.994	38.05	30.476	18.066	92.645

#1	-0.00239	-0.0021	-0.00002	2.0998	-.17579
#2	-0.00517	-0.0012	-0.00003	2.7148	-.84356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.0	47193.	5421.3	140.38	4181.5
Stddev	.1	126.	11.0	.77	3.5
%RSD	.00258	.26714	.20353	.54567	.08479

#1	3575.0	47282.	5413.5	140.93	4184.0
#2	3574.9	47104.	5429.1	139.84	4179.0

Sample Name: PB114683BS Acquired: 11/9/2018 17:19:40 Type: Unk
Method: P4-ICP2(v2560) 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	.79223	1.8891	.95348	1.9400	.82654	2.0900	.21609
Stddev	.00222	.0159	.00812	.0169	.00603	.0139	.00012
%RSD	.28020	.84226	.85169	.86974	.72927	.66620	.05421

#1	.79066	1.8779	.94774	1.9280	.82228	2.0801	.21601
#2	.79380	1.9004	.95922	1.9519	.83080	2.0998	.21618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19256	.18146	1.0940	.38848	.19426	.31490	2.8979
Stddev	.00019	.00150	.0045	.00156	.00183	.00412	.0367
%RSD	.09801	.82490	.41207	.40187	.94410	1.3079	1.2676

#1	.19269	.18041	1.0909	.38738	.19296	.31198	2.8719
#2	.19242	.18252	1.0972	.38959	.19556	.31781	2.9239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21015	2.0414	.47265	.06844	3.0922	.29179	.19337
Stddev	.00022	.0002	.00470	.00027	.0271	.00064	.00349
%RSD	.10363	.01187	.99401	.39872	.87497	.21860	1.8025

#1	.21000	2.0416	.46932	.06863	3.0731	.29134	.19091
#2	.21031	2.0412	.47597	.06824	3.1113	.29224	.19584

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.759	.44488	.30767	F 2.3731	.93118	.66246	.20820
Stddev	.013	.00411	.00616	.0327	.00763	.00513	.00067
%RSD	.12430	.92287	2.0011	1.3793	.81945	.77410	.32178

#1	10.750	.44198	.30332	2.3500	.93657	.65883	.20868
#2	10.769	.44778	.31202	2.3963	.92578	.66608	.20773

Sample Name: PB114683BS Acquired: 11/9/2018 17:19:40 Type: Unk
Method: P4-ICP2(v2560) 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	.22330	5.133	.20378	F 2.5182	F<.00000
Stddev	.00199	.050	.00006	.1152	.01488
%RSD	.89207	.9689	.02827	4.5752	.54299

#1	.22471	5.098	.20374	2.5997	-2.7509
#2	.22189	5.168	.20382	2.4367	-2.7299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.9	46596.	5314.1	137.83	4046.2
Stddev	6.1	22.	3.0	1.30	7.9
%RSD	.17311	.04787	.05587	.94128	.19600

#1	3516.2	46580.	5316.2	138.75	4051.8
#2	3507.6	46612.	5312.0	136.92	4040.6

Sample Name: J5881-01 Acquired: 11/9/2018 17:35:38 Type: Unk
Method: P4-ICP2(v2560) 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	.00442	-.00042	-.00053	-.00141	-.00158	.01465	.01255	.00008
Stddev	.00215	.00007	.00061	.00102	.00045	.00800	.00023	.00004
%RSD	48.693	16.061	115.75	72.158	28.279	54.602	1.8656	48.119

#1	.00595	-.00047	-.00097	-.00069	-.00126	.00900	.01239	.00010
#2	.00290	-.00037	-.00010	-.00213	-.00190	.02031	.01272	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	28.669	-.00036	.00010	.00084	.02504	.00093	7.6563
Stddev	.00006	.243	.00011	.00011	.00003	.00587	.00003	.1338
%RSD	66.846	.84898	31.110	111.41	3.5996	23.448	3.4472	1.7476

#1	-.00013	28.841	-.00028	.00018	.00082	.02919	.00091	7.7509
#2	-.00005	28.497	-.00044	.00002	.00086	.02089	.00095	7.5616

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00013	37.766	.00012	-.00010	2.7425	.00021	.01776
Stddev	.00027	.00019	.438	.00069	.00001	.0124	.00019	.00231
%RSD	36.133	147.36	1.1598	585.28	12.178	.45344	89.015	13.031

#1	.00055	-.00026	38.076	.00060	-.00011	2.7513	.00008	.01613
#2	.00093	.00001	37.457	-.00037	-.00009	2.7337	.00035	.01940

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1710	2.4870	-.00261	.00103	-.00599	.0451	.14391	3.6810
Stddev	.0008	.0378	.00033	.00044	.00012	.0022	.00123	.0374
%RSD	.01615	1.5210	12.678	42.551	1.9357	4.852	.85263	1.0169

#1	5.1715	2.5138	-.00238	.00072	-.00607	.0436	.14478	3.6546
#2	5.1704	2.4603	-.00284	.00134	-.00591	.0467	.14304	3.7075

Sample Name: J5881-01 Acquired: 11/9/2018 17:35:38 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .48247
Stddev .59925
%RSD 124.20

#1 .05874
#2 .90620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.2	47102.	5514.3	144.00	4061.1
Stddev	9.3	73.	68.9	.94	23.1
%RSD	.26111	.15547	1.2503	.65407	.56878

#1	3539.6	47154.	5465.6	143.33	4044.7
#2	3552.7	47050.	5563.1	144.66	4077.4

Sample Name: J5881-01DUP Acquired: 11/9/2018 17:44:22 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	-.00009	.00161	-.00037	-.00215	.02383	.01251	.00004
Stddev	.00057	.00106	.00095	.00630	.00056	.00736	.00050	.00002
%RSD	19.005	1200.3	58.711	1682.5	25.882	30.900	4.0294	41.006

#1	.00339	.00066	.00228	-.00483	-.00254	.01862	.01216	.00003
#2	.00259	-.00084	.00094	.00408	-.00175	.02903	.01287	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	28.594	-.00025	.00006	.00042	.03162	.00086	7.5725
Stddev	.00002	.136	.00055	.00036	.00017	.00401	.00009	.0639
%RSD	45.557	.47712	216.74	570.24	41.646	12.676	10.246	.84334

#1	-.00003	28.691	.00013	-.00019	.00054	.02878	.00093	7.5273
#2	-.00007	28.498	-.00064	.00032	.00029	.03445	.00080	7.6177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00020	37.509	-.00007	.00002	2.6859	.00047	.02311
Stddev	.00011	.00019	.355	.00027	.00012	.0285	.00007	.00903
%RSD	23.460	91.587	.94592	393.96	563.88	1.0596	14.003	39.077

#1	.00055	-.00034	37.760	-.00026	.00010	2.7060	.00051	.01672
#2	.00039	-.00007	37.258	.00012	-.00006	2.6658	.00042	.02949

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1425	2.4388	-.00158	.00011	-.00487	.0442	.14303	2.7957
Stddev	.0075	.0529	.00031	.00034	.00088	.0004	.00034	.8895
%RSD	.14632	2.1708	19.583	319.39	18.186	.9046	.24036	31.819

#1	5.1372	2.4762	-.00180	.00035	-.00549	.0440	.14327	3.4247
#2	5.1479	2.4013	-.00136	-.00013	-.00424	.0445	.14279	2.1667

Sample Name: J5881-01DUP Acquired: 11/9/2018 17:44:22 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .37519
 %RSD 428.17

#1 -.35293
 #2 .17767

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.1	50022.	5570.6	142.26	4091.8
Stddev	21.9	4002.	35.9	4.43	13.1
%RSD	.61264	8.0002	.64490	3.1164	.31907

#1	3592.6	47192.	5545.2	139.13	4101.0
#2	3561.6	52852.	5596.0	145.40	4082.6

Sample Name: CCV06 Acquired: 11/9/2018 17:52:08 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1558	4.8606	4.9215	5.1134	5.2526	10.524	10.357	.25309
Stddev	.0014	.0032	.0153	.0165	.0034	.039	.052	.00130
%RSD	.02784	.06562	.31004	.32282	.06434	.36718	.50352	.51355
#1	5.1548	4.8584	4.9323	5.1250	5.2550	10.497	10.321	.25218
#2	5.1568	4.8629	4.9107	5.1017	5.2502	10.552	10.394	.25401
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3999	25.995	.94525	2.4465	1.2779	4.7815	2.5019	24.654
Stddev	.0045	.021	.00400	.0077	.0015	.1248	.0073	.011
%RSD	.18843	.07981	.42306	.31450	.11699	2.6091	.29160	.04308
#1	2.4031	26.010	.94243	2.4519	1.2789	4.6933	2.4968	24.646
#2	2.3967	25.980	.94808	2.4411	1.2768	4.8698	2.5071	24.661
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3962	1.2244	24.840	2.3828	2.4707	26.119	5.2229	4.9704
Stddev	.0019	.0017	.118	.0050	.0472	.163	.0057	.0281
%RSD	.07868	.13947	.47664	.20955	1.9119	.62308	.10861	.56547
#1	2.3976	1.2256	24.757	2.3792	2.4373	26.004	5.2269	4.9505
#2	2.3949	1.2232	24.924	2.3863	2.5041	26.234	5.2189	4.9902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9909	5.0371	4.8259	4.9878	5.2389	4.825	5.0336	F 4.1069
Stddev	.0384	.0185	.0010	.0055	.0272	.023	.0193	.0875
%RSD	.76906	.36742	.02172	.11041	.51889	.4842	.38343	2.1299
#1	5.0180	5.0240	4.8252	4.9917	5.2197	4.841	5.0200	4.0450
#2	4.9638	5.0502	4.8267	4.9839	5.2581	4.808	5.0473	4.1687

Sample Name: CCV06 Acquired: 11/9/2018 17:52:08 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4075
Stddev	.0044
%RSD	.31100

#1	1.4044
#2	1.4106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.5	44954.	5282.8	130.57	3665.1
Stddev	2.1	219.	17.4	2.54	7.2
%RSD	.06225	.48650	.32861	1.9427	.19647

#1	3409.0	45108.	5295.1	132.36	3660.0
#2	3412.0	44799.	5270.5	128.78	3670.2

Sample Name: CCB06 Acquired: 11/9/2018 17:55:52 Type: Unk
Method: P4-ICP2(v2560) 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	.00361	.00046	.00142	.00275	-.00063	.00450	-.00016
Stddev	.00316	.00118	.00090	.00224	.00017	.01394	.00130
%RSD	87.451	257.46	63.224	81.359	26.958	309.89	832.73

#1	.00138	.00130	.00079	.00433	-.00075	-.00536	-.00108
#2	.00585	-.00038	.00206	.00117	-.00051	.01435	.00076

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00001	-.02101	-.00012	.00010	-.00107	.00363
Stddev	.00000	.00000	.01532	.00019	.00005	.00037	.00134
%RSD	4.5289	1.2664	72.930	156.02	49.731	34.278	36.778

#1	-.00009	.00001	-.03184	.00001	.00013	-.00133	.00458
#2	-.00009	.00001	-.01017	-.00025	.00006	-.00081	.00269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02463	.00058	-.00033	-.05657	-.00024	-.00017
Stddev	.00001	.01996	.00019	.00013	.01488	.00040	.00002
%RSD	25.160	81.018	32.046	40.112	26.299	164.59	11.391

#1	.00005	.01052	.00045	-.00043	-.06709	-.00052	-.00019
#2	.00004	.03875	.00072	-.00024	-.04605	.00004	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02185	.00026	.00748	.00041	.00934	.00058	.00411
Stddev	.01593	.00021	.00593	.00147	.00187	.00066	.00188
%RSD	72.912	80.961	79.258	357.43	20.017	114.01	45.634

#1	.03312	.00041	.00329	-.00063	.00802	.00011	.00279
#2	.01059	.00011	.01167	.00145	.01066	.00105	.00544

Sample Name: CCB06 Acquired: 11/9/2018 17:55:52 Type: Unk
 Method: P4-ICP2(v2560) 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	-.00072	-.0011	.00005	F 2.6151	F<.00000
Stddev	.00095	.0002	.00002	.1150	.06821
%RSD	133.24	19.31	31.504	4.3969	8.0924

#1	-.00004	-.0012	.00006	2.6964	-.79462
#2	-.00139	-.0009	.00004	2.5338	-.89108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.1	46884.	5378.5	139.84	4152.4
Stddev	6.6	78.	16.8	2.07	4.8
%RSD	.18655	.16711	.31308	1.4791	.11452

#1	3544.4	46829.	5390.4	141.30	4149.0
#2	3553.8	46939.	5366.6	138.38	4155.8

Sample Name: J5881-01LX5 Acquired: 11/9/2018 17:59:57 Type: Unk
Method: P4-ICP2(v2560) 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	.00412	.00117	.00110	.00265	-.00215	.00097	.00314	.00003
Stddev	.00010	.00011	.00002	.00192	.00109	.01125	.00073	.00004
%RSD	2.4163	9.7750	2.2624	72.534	50.482	1162.0	23.108	142.37

#1	.00405	.00109	.00108	.00129	-.00138	.00893	.00263	-.00000
#2	.00419	.00125	.00112	.00401	-.00292	-.00699	.00365	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	5.8489	-.00065	.00012	-.00093	.00666	.00027	1.5891
Stddev	.00002	.0409	.00001	.00017	.00040	.00054	.00002	.0205
%RSD	101.62	.69966	1.3699	144.61	43.331	8.1480	8.2686	1.2912

#1	-.00003	5.8200	-.00065	.00024	-.00122	.00704	.00025	1.5746
#2	-.00001	5.8779	-.00066	-.00000	-.00065	.00627	.00028	1.6036

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00012	7.6742	-.00041	-.00015	.56739	.00012	.00967
Stddev	.00030	.00064	.0119	.00024	.00007	.02049	.00003	.00268
%RSD	5888.2	542.57	.15480	58.398	45.613	3.6104	28.601	27.682

#1	-.00021	.00033	7.6658	-.00024	-.00010	.58188	.00009	.00778
#2	.00022	-.00057	7.6826	-.00058	-.00020	.55291	.00014	.01156

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98965	.51087	-.00058	.00198	-.00212	.0084	.02948	3.0278
Stddev	.00180	.00205	.00071	.00037	.00044	.0028	.00018	.3586
%RSD	.18177	.40063	121.44	18.828	20.667	33.50	.61060	11.843

#1	.98838	.50943	-.00108	.00224	-.00243	.0064	.02935	2.7742
#2	.99092	.51232	-.00008	.00171	-.00181	.0104	.02961	3.2814

Sample Name: J5881-01LX5 Acquired: 11/9/2018 17:59:57 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.0895
%RSD 242.31

#1 -1.2200
#2 .32077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.8	46451.	5320.2	137.11	4093.8
Stddev	9.7	57.	5.1	2.45	3.8
%RSD	.27391	.12344	.09629	1.7860	.09303

#1	3521.0	46492.	5316.5	135.38	4091.1
#2	3534.7	46411.	5323.8	138.84	4096.5

Sample Name: J5881-01MS Acquired: 11/9/2018 18:04:01 Type: Unk
Method: P4-ICP2(v2560) 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	.72021	1.6624	.82974	1.8520	.80371	1.8884	.20108	.18903
Stddev	.07460	.1631	.08471	.1951	.08795	.0142	.00037	.00174
%RSD	10.359	9.8110	10.209	10.532	10.943	.75275	.18478	.91912
#1	.66746	1.5471	.76984	1.7140	.74152	1.8984	.20135	.19026
#2	.77296	1.7777	.88963	1.9899	.86589	1.8783	.20082	.18781
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16158	29.208	.34476	.16537	.27638	2.5673	.18500	9.3809
Stddev	.01682	.089	.00456	.01785	.02962	.0070	.00175	.0567
%RSD	10.410	.30374	1.3220	10.797	10.718	.27468	.94623	.60462
#1	.14969	29.146	.34799	.15274	.25543	2.5723	.18624	9.4210
#2	.17348	29.271	.34154	.17799	.29732	2.5623	.18377	9.3408
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40663	.06324	39.772	.26280	.17800	12.124	.41202	.29121
Stddev	.04129	.00069	.050	.00292	.00096	.002	.04354	.00183
%RSD	10.153	1.0922	.12556	1.1109	.54190	.01789	10.568	.62679
#1	.37744	.06373	39.807	.26486	.17732	12.126	.38123	.28992
#2	.43583	.06276	39.736	.26073	.17868	12.123	.44281	.29251
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8673	3.3809	.63582	.20165	.18327	4.927	.31763	3.3080
Stddev	.5293	.0138	.06604	.00139	.00105	.527	.00035	.0804
%RSD	10.875	.40709	10.387	.69019	.57531	10.69	.11139	2.4314
#1	4.4930	3.3712	.58912	.20264	.18253	4.555	.31738	3.3649
#2	5.2416	3.3906	.68252	.20067	.18402	5.300	.31788	3.2511

Sample Name: J5881-01MS Acquired: 11/9/2018 18:04:01 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.65460
%RSD	82.660

#1	-.32905
#2	-1.2548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.8	47227.	5502.8	144.44	4208.9
Stddev	337.4	367.	11.2	.61	387.2
%RSD	9.0573	.77808	.20272	.42469	9.1984

#1	3963.3	46967.	5510.7	144.01	4482.7
#2	3486.2	47487.	5494.9	144.87	3935.2

Sample Name: J5881-01MSD Acquired: 11/9/2018 18:07:50 Type: Unk
Method: P4-ICP2(v2560) 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	.73425	1.6842	.84081	1.8771	.81646	1.9153	.20062
Stddev	.03145	.0518	.02754	.0568	.03079	.0108	.00090
%RSD	4.2836	3.0737	3.2753	3.0254	3.7706	.56571	.44927

#1	.75649	1.7208	.86028	1.9173	.83823	1.9076	.19998
#2	.71201	1.6476	.82134	1.8370	.79470	1.9229	.20126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18978	.16404	29.320	.34607	.16774	.27979	2.5690
Stddev	.00023	.00553	.041	.00029	.00574	.00968	.0139
%RSD	.12328	3.3687	.13855	.08370	3.4191	3.4612	.53990

#1	.18961	.16794	29.291	.34587	.17180	.28664	2.5592
#2	.18994	.16013	29.349	.34628	.16369	.27294	2.5788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18588	9.3129	.41208	.06386	39.862	.26211	.17927
Stddev	.00029	.0883	.01418	.00099	.067	.00062	.00021
%RSD	.15688	.94792	3.4414	1.5487	.16741	.23607	.11472

#1	.18567	9.2505	.42211	.06456	39.910	.26167	.17942
#2	.18608	9.3754	.40205	.06316	39.815	.26255	.17913

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.152	.41976	.28896	4.9207	3.3979	.64418	.19925
Stddev	.025	.01555	.00068	.1667	.0162	.02145	.00118
%RSD	.20654	3.7033	.23455	3.3877	.47662	3.3302	.59433

#1	12.134	.43075	.28944	5.0386	3.3865	.65935	.19842
#2	12.170	.40877	.28848	4.8029	3.4094	.62901	.20009

Sample Name: J5881-01MSD Acquired: 11/9/2018 18:07:50 Type: Unk
 Method: P4-ICP2(v2560) 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	.18248	4.985	.31748	3.5307	F<.00000
Stddev	.00189	.171	.00044	.0213	.18407
%RSD	1.0373	3.421	.13996	.60190	10.352

#1	.18381	5.106	.31716	3.5457	-1.9084
#2	.18114	4.865	.31779	3.5157	-1.6480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.0	46766.	5491.7	143.52	4130.5
Stddev	120.3	32.	10.5	.24	127.2
%RSD	3.2919	.06855	.19184	.16426	3.0791

#1	3568.0	46743.	5484.2	143.69	4040.6
#2	3738.1	46789.	5499.1	143.36	4220.5

Sample Name: J5881-01A Acquired: 11/9/2018 18:11:39 Type: Unk
Method: P4-ICP2(v2560) 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	.74519	1.7277	.85803	1.9181	.83332	1.9103	.20375
Stddev	.00656	.0167	.00621	.0197	.00868	.0245	.00479
%RSD	.88056	.96668	.72398	1.0267	1.0418	1.2804	2.3523

#1	.74055	1.7159	.85363	1.9042	.82718	1.8930	.20036
#2	.74982	1.7395	.86242	1.9320	.83946	1.9276	.20714

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18875	.16785	29.396	.34493	.17162	.28450	2.6182
Stddev	.00020	.00132	.838	.00128	.00133	.00302	.0578
%RSD	.10719	.78425	2.8492	.37150	.77687	1.0624	2.2060

#1	.18890	.16692	28.804	.34403	.17068	.28236	2.5773
#2	.18861	.16878	29.988	.34584	.17257	.28664	2.6590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18502	9.3100	.42258	.06388	40.143	.26251	.18338
Stddev	.00052	.3088	.00314	.00039	.848	.00136	.00336
%RSD	.28067	3.3168	.74218	.60755	2.1134	.51695	1.8317

#1	.18465	9.0917	.42037	.06360	39.543	.26155	.18101
#2	.18539	9.5284	.42480	.06415	40.743	.26347	.18576

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.199	.42579	.29610	5.0271	3.3958	.65771	.20438
Stddev	.258	.00354	.01008	.0537	.0295	.00229	.00276
%RSD	2.1165	.83231	3.4042	1.0680	.86856	.34791	1.3509

#1	12.016	.42328	.28897	4.9891	3.3749	.65609	.20243
#2	12.381	.42830	.30323	5.0650	3.4166	.65933	.20634

Sample Name: J5881-01A Acquired: 11/9/2018 18:11:39 Type: Unk
 Method: P4-ICP2(v2560) 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	.18341	5.093	.31882	3.5087	F<.00000
Stddev	.00585	.039	.00666	.0502	.25905
%RSD	3.1898	.7637	2.0895	1.4315	18.551

#1	.17927	5.065	.31411	3.5442	-1.5795
#2	.18754	5.120	.32353	3.4732	-1.2132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.0	46985.	5457.1	140.86	4049.4
Stddev	22.9	91.	101.1	2.32	18.4
%RSD	.63788	.19454	1.8527	1.6483	.45405

#1	3613.3	46920.	5528.6	142.51	4062.4
#2	3580.8	47049.	5385.6	139.22	4036.4

Sample Name: J5830-01 Acquired: 11/9/2018 18:23:37 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	.00114	.00153	.00238	.00111	.04789	.00909
Stddev	.00266	.00186	.00118	.00078	.00159	.00772	.00013
%RSD	110.86	162.67	77.363	32.598	142.96	16.129	1.3984

#1	.00428	.00246	.00237	.00183	.00223	.05335	.00900
#2	.00052	-.00017	.00069	.00293	-.00001	.04242	.00918

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00067	.39748	.00111	.00069	.01031	.29226
Stddev	.00003	.00001	.01457	.00000	.00008	.00044	.00149
%RSD	568.48	1.6958	3.6666	.07442	11.610	4.2983	.51011

#1	-.00002	.00068	.40779	.00110	.00074	.01063	.29332
#2	.00001	.00066	.38718	.00111	.00063	.01000	.29121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00751	.48028	.00154	.00008	.73537	.00016	.33906
Stddev	.00003	.02645	.00002	.00002	.02114	.00006	.00046
%RSD	.43181	5.5070	.98976	25.815	2.8747	37.286	.13604

#1	.00748	.49898	.00155	.00009	.75032	.00020	.33873
#2	.00753	.46158	.00153	.00007	.72043	.00012	.33938

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43657	.00097	.01458	.39955	.93897	-.00090	.00314
Stddev	.00736	.00008	.00261	.00006	.00710	.00060	.00080
%RSD	1.6867	8.4534	17.866	.01602	.75634	67.230	25.429

#1	.43136	.00091	.01643	.39951	.94399	-.00047	.00370
#2	.44178	.00103	.01274	.39960	.93395	-.00133	.00257

Sample Name: J5830-01 Acquired: 11/9/2018 18:23:37 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00715	.0101	.00116	2.0468	F<.00000
Stddev	.00018	.0010	.00006	.0001	.43467
%RSD	2.5689	9.530	4.9997	.00556	32.662

#1	-.00728	.0108	.00120	2.0467	-1.6382
#2	-.00702	.0095	.00112	2.0469	-1.0235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.1	48441.	5584.2	143.50	4319.5
Stddev	14.7	53.	64.3	.04	11.0
%RSD	.39969	.10932	1.1518	.02875	.25407

#1	3677.5	48403.	5538.7	143.52	4327.3
#2	3656.8	48478.	5629.6	143.47	4311.8

Sample Name: J5830-01DUP Acquired: 11/9/2018 18:27:41 Type: Unk
Method: P4-ICP2(v2560) 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	.00122	.00015	.00158	.00219	.00098	.05014	.00917	-.00006
Stddev	.00114	.00021	.00023	.00068	.00040	.00303	.00041	.00001
%RSD	93.149	138.47	14.411	31.022	40.229	6.0495	4.4188	20.514

#1	.00203	.00030	.00174	.00171	.00126	.05228	.00946	-.00007
#2	.00042	.00000	.00142	.00266	.00070	.04799	.00888	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.39570	.00099	.00081	.01020	.28844	.00745	.44430
Stddev	.00000	.00901	.00005	.00010	.00017	.00882	.00005	.00197
%RSD	.59424	2.2769	4.7593	12.117	1.6256	3.0573	.66166	.44270

#1	.00068	.38933	.00096	.00074	.01009	.29467	.00749	.44291
#2	.00068	.40207	.00102	.00088	.01032	.28220	.00742	.44569

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	.00060	.62058	-.00021	.32443	.41300	.00075	.01409
Stddev	.00003	.00008	.01805	.00002	.00285	.03174	.00024	.00806
%RSD	1.3924	14.190	2.9092	9.9640	.87887	7.6859	31.833	57.205

#1	.00185	.00066	.63334	-.00020	.32241	.43545	.00058	.00839
#2	.00189	.00054	.60781	-.00023	.32645	.39056	.00092	.01980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38667	.91721	-.00060	.00359	-.00580	.0093	.00109	1.9268
Stddev	.00276	.00094	.00081	.00059	.00014	.0011	.00004	.0632
%RSD	.71298	.10261	134.79	16.374	2.3770	12.07	3.5424	3.2806

#1	.38472	.91655	-.00003	.00317	-.00589	.0101	.00106	1.8821
#2	.38862	.91788	-.00117	.00400	-.00570	.0085	.00111	1.9715

Sample Name: J5830-01DUP Acquired: 11/9/2018 18:27:41 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .26057
%RSD 38.103

#1 -.86809
#2 -.49960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3671.8	48600.	5581.3	147.47	4326.4
Stddev	25.2	138.	7.6	1.18	25.7
%RSD	.68562	.28298	.13556	.80314	.59407

#1	3689.6	48697.	5576.0	148.31	4344.6
#2	3654.0	48503.	5586.7	146.63	4308.2

Sample Name: J5830-01LX5 Acquired: 11/9/2018 18:31:44 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	.00046	.00034	.00184	.00128	.01544	.00106	.00001
Stddev	.00175	.00018	.00030	.00001	.00104	.01477	.00006	.00001
%RSD	55.143	39.022	86.970	.51454	81.706	95.681	5.4132	73.969

#1	.00440	.00059	.00055	.00184	.00202	.00499	.00110	.00002
#2	.00193	.00034	.00013	.00185	.00054	.02588	.00102	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.08940	-.00005	.00014	.00158	.06355	.00165	.09327
Stddev	.00009	.01200	.00013	.00018	.00006	.00196	.00006	.02476
%RSD	39.384	13.417	234.32	127.01	3.8686	3.0916	3.5083	26.551

#1	.00016	.08092	-.00014	.00001	.00162	.06216	.00170	.07576
#2	.00029	.09788	.00004	.00026	.00154	.06494	.00161	.11078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	-.00033	.35704	-.00039	.06809	.24726	.00030	.00119
Stddev	.00007	.00009	.01647	.00018	.00076	.02509	.00037	.00381
%RSD	5.4910	27.871	4.6126	44.585	1.1116	10.148	123.18	318.94

#1	.00128	-.00040	.36869	-.00052	.06862	.26501	.00004	.00389
#2	.00119	-.00027	.34540	-.00027	.06755	.22952	.00056	-.00150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09421	.18919	-.00035	.00116	-.00133	.0027	.00020	2.4344
Stddev	.00257	.00015	.00024	.00050	.00161	.0002	.00004	.3137
%RSD	2.7268	.08121	68.239	43.109	120.94	6.316	18.733	12.888

#1	.09603	.18930	-.00051	.00080	-.00019	.0028	.00017	2.2125
#2	.09239	.18908	-.00018	.00151	-.00247	.0025	.00022	2.6562

Sample Name: J5830-01LX5 Acquired: 11/9/2018 18:31:44 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .47614
%RSD 153.38

#1 .02624
#2 -.64712

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.3	48099.	5587.1	142.85	4269.4
Stddev	26.3	108.	31.6	1.71	24.8
%RSD	.71641	.22540	.56585	1.2003	.58134

#1	3658.7	48023.	5564.7	141.64	4251.8
#2	3695.9	48176.	5609.4	144.07	4286.9

Sample Name: J5830-01MS Acquired: 11/9/2018 18:35:50 Type: Unk
Method: P4-ICP2(v2560) 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	.78986	1.9286	.95239	1.9974	.81727	2.0962	.21988
Stddev	.00099	.0035	.00003	.0060	.00087	.0081	.00091
%RSD	.12553	.18224	.00313	.29839	.10657	.38723	.41286

#1	.78916	1.9311	.95241	1.9931	.81665	2.1019	.21923
#2	.79056	1.9262	.95237	2.0016	.81788	2.0904	.22052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19982	.18255	1.4597	.38421	.19063	.33660	3.2329
Stddev	.00000	.00045	.0118	.00138	.00098	.00089	.0137
%RSD	.00078	.24393	.80516	.35871	.51248	.26314	.42393

#1	.19982	.18223	1.4514	.38518	.18994	.33597	3.2232
#2	.19982	.18286	1.4680	.38323	.19132	.33722	3.2426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21439	2.4778	.46947	.07153	3.5143	.28596	.55317
Stddev	.00104	.0289	.00032	.00003	.0148	.00027	.00055
%RSD	.48314	1.1671	.06711	.04042	.42172	.09527	.09946

#1	.21512	2.4983	.46925	.07151	3.5248	.28577	.55278
#2	.21366	2.4574	.46969	.07155	3.5038	.28615	.55356

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.878	.42182	.31520	.40916	1.9226	.63994	.20199
Stddev	.030	.00005	.00301	.00272	.0073	.00040	.00030
%RSD	.27223	.01134	.95422	.66472	.37782	.06253	.14627

#1	10.858	.42178	.31732	.40723	1.9277	.63966	.20219
#2	10.899	.42185	.31307	.41108	1.9174	.64022	.20178

Sample Name: J5830-01MS Acquired: 11/9/2018 18:35:50 Type: Unk
 Method: P4-ICP2(v2560) 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	.20893	5.180	.20054	2.3137	F<.00000
Stddev	.00045	.006	.00021	.1226	.20721
%RSD	.21548	.1147	.10392	5.2977	8.5053

#1	.20924	5.176	.20069	2.4004	-2.5828
#2	.20861	5.184	.20039	2.2270	-2.2897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.2	48002.	5481.5	140.59	4200.3
Stddev	4.2	208.	30.7	.31	3.6
%RSD	.11482	.43420	.55926	.21776	.08598

#1	3650.3	47855.	5459.8	140.80	4197.8
#2	3656.2	48150.	5503.2	140.37	4202.9

Sample Name: J5830-01MSD Acquired: 11/9/2018 18:39:42 Type: Unk
Method: P4-ICP2(v2560) 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	.74078	1.8196	.89400	1.8757	.76468	2.0933	.21792
Stddev	.05252	.1284	.06508	.1284	.05006	.0004	.00076
%RSD	7.0895	7.0538	7.2796	6.8449	6.5470	.01697	.34762

#1	.77791	1.9104	.94002	1.9665	.80008	2.0936	.21845
#2	.70364	1.7289	.84799	1.7849	.72928	2.0930	.21738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19808	.17098	1.4546	.38319	.17797	.31524	3.1639
Stddev	.00042	.01231	.0056	.00126	.01249	.02339	.0378
%RSD	.21136	7.1999	.38686	.32761	7.0184	7.4204	1.1935

#1	.19778	.17969	1.4586	.38407	.18681	.33178	3.1372
#2	.19837	.16228	1.4506	.38230	.16914	.29870	3.1906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21292	2.4718	.43934	.06992	3.5150	.28601	.52837
Stddev	.00045	.0362	.03045	.00063	.0002	.00021	.00063
%RSD	.21187	1.4650	6.9306	.89550	.00610	.07251	.11969

#1	.21324	2.4462	.46087	.07036	3.5148	.28586	.52881
#2	.21260	2.4974	.41781	.06948	3.5152	.28616	.52792

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.729	.39441	.31860	.38168	1.8942	.59733	.20020
Stddev	.021	.02831	.00783	.02742	.0003	.04523	.00346
%RSD	.20035	7.1774	2.4572	7.1844	.01310	7.5727	1.7305

#1	10.744	.41443	.32413	.40107	1.8944	.62932	.20265
#2	10.714	.37440	.31306	.36229	1.8940	.56535	.19775

Sample Name: J5830-01MSD Acquired: 11/9/2018 18:39:42 Type: Unk
 Method: P4-ICP2(v2560) 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	.20954	4.857	.19864	2.1635	F<.00000
Stddev	.00023	.348	.00087	.1212	.62427
%RSD	.10983	7.161	.43841	5.6023	32.514

#1	.20970	5.102	.19803	2.2492	-2.3614
#2	.20938	4.611	.19926	2.0778	-1.4786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3845.6	48168.	5522.9	144.96	4427.6
Stddev	243.3	185.	5.8	1.44	271.9
%RSD	6.3254	.38343	.10560	.99547	6.1402

#1	3673.6	48038.	5518.8	145.98	4235.4
#2	4017.6	48299.	5527.0	143.94	4619.9

Sample Name: J5830-01A Acquired: 11/9/2018 18:43:33 Type: Unk
Method: P4-ICP2(v2560) 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	.77664	1.9188	.93816	1.9721	.80202	2.0318	.21668
Stddev	.00366	.0043	.00053	.0100	.00155	.0931	.00068
%RSD	.47095	.22474	.05695	.50844	.19275	4.5829	.31316

#1	.77922	1.9218	.93854	1.9792	.80092	2.0976	.21716
#2	.77405	1.9157	.93778	1.9650	.80311	1.9659	.21620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19028	.18014	1.4549	.37061	.18771	.33179	3.1158
Stddev	.01078	.00006	.0134	.01984	.00063	.00025	.0675
%RSD	5.6632	.03413	.92086	5.3526	.33782	.07574	2.1666

#1	.19790	.18018	1.4644	.38464	.18815	.33197	3.1635
#2	.18266	.18010	1.4454	.35659	.18726	.33161	3.0680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20496	2.4270	.46460	.06872	3.4989	.27727	.52534
Stddev	.01113	.0294	.00010	.00455	.0097	.01552	.01197
%RSD	5.4293	1.2126	.02214	6.6194	.27731	5.5963	2.2790

#1	.21283	2.4478	.46453	.07194	3.5057	.28825	.53381
#2	.19709	2.4062	.46467	.06550	3.4920	.26630	.51688

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.674	.41350	.31606	.39874	1.8660	.62863	.19564
Stddev	.045	.00103	.00483	.00283	.0338	.00080	.00428
%RSD	.42022	.24866	1.5273	.70953	1.8126	.12731	2.1881

#1	10.642	.41277	.31265	.39674	1.8900	.62920	.19261
#2	10.705	.41423	.31948	.40074	1.8421	.62807	.19867

Sample Name: J5830-01A Acquired: 11/9/2018 18:43:33 Type: Unk
 Method: P4-ICP2(v2560) 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	.20694	5.124	.19720	1.6257	F<.00000
Stddev	.00140	.001	.00112	.6450	.13811
%RSD	.67473	.0209	.56987	39.676	7.4129

#1	.20793	5.125	.19800	2.0818	-1.9607
#2	.20595	5.123	.19641	1.1696	-1.7654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.4	49786.	5565.8	146.78	4232.2
Stddev	4.7	2239.	45.1	2.84	3.8
%RSD	.12681	4.4972	.80969	1.9350	.09041

#1	3693.7	48203.	5534.0	144.77	4234.9
#2	3687.1	51369.	5597.7	148.79	4229.5

Sample Name: CCV07 Acquired: 11/9/2018 18:51:29 Type: Unk

Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SPDES-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	5.0123	4.8949	4.8488	5.0530	5.1373	10.436	10.251	.25057
Stddev	.0167	.0025	.0012	.0304	.0098	.009	.033	.00002
%RSD	.33345	.05037	.02408	.60223	.19172	.08245	.32471	.00698

#1	5.0241	4.8966	4.8480	5.0745	5.1442	10.430	10.275	.25058
#2	5.0005	4.8931	4.8496	5.0315	5.1303	10.442	10.228	.25055

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3890	26.072	.95515	2.4121	1.2714	4.8859	2.4964	24.299
Stddev	.0023	.026	.00006	.0033	.0009	.0300	.0045	.040
%RSD	.09468	.09872	.00605	.13781	.06911	.61487	.17902	.16510

#1	2.3874	26.054	.95511	2.4097	1.2720	4.9071	2.4933	24.271
#2	2.3906	26.090	.95520	2.4144	1.2707	4.8646	2.4996	24.328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4022	1.2127	24.864	2.4333	2.4703	25.948	5.0917	4.9949
Stddev	.0035	.0046	.040	.0019	.0140	.081	.0159	.0185
%RSD	.14617	.38248	.16103	.07873	.56466	.31037	.31234	.36932

#1	2.3997	1.2160	24.892	2.4347	2.4802	26.005	5.1030	4.9818
#2	2.4046	1.2094	24.836	2.4320	2.4605	25.891	5.0805	5.0079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9241	4.9644	4.7753	4.9378	5.2377	4.822	5.0163	F 3.8721
Stddev	.0048	.0086	.0102	.0126	.0056	.013	.0189	.1706
%RSD	.09706	.17394	.21337	.25473	.10782	.2665	.37609	4.4068

#1	4.9274	4.9583	4.7681	4.9467	5.2417	4.813	5.0297	3.9927
#2	4.9207	4.9705	4.7825	4.9289	5.2337	4.831	5.0030	3.7514

Sample Name: CCV07 Acquired: 11/9/2018 18:51:29 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4610
Stddev	.5014
%RSD	34.322

#1	1.1064
#2	1.8156

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.1	45993.	5393.9	131.98	3769.4
Stddev	12.7	104.	3.7	.76	2.2
%RSD	.35744	.22655	.06873	.57326	.05868

#1	3539.2	46067.	5396.6	131.45	3770.9
#2	3557.1	45919.	5391.3	132.52	3767.8

Sample Name: CCB07 Acquired: 11/9/2018 18:55:13 Type: Unk
Method: P4-ICP2(v2560) 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	.00161	.00016	.00078	.00206	-.00061	.00472	.00047
Stddev	.00086	.00065	.00013	.00336	.00018	.00666	.00003
%RSD	53.482	418.46	17.175	163.45	29.428	141.14	7.2715

#1	.00100	.00062	.00068	.00443	-.00048	.00001	.00044
#2	.00222	-.00030	.00087	-.00032	-.00074	.00942	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00001	-.00999	-.00020	.00019	-.00093	-.00140
Stddev	.00003	.00002	.00965	.00001	.00007	.00017	.00007
%RSD	152.01	182.35	96.596	5.9149	35.776	18.070	4.8427

#1	.00004	.00000	-.00317	-.00020	.00024	-.00105	-.00136
#2	-.00000	-.00003	-.01681	-.00019	.00014	-.00081	-.00145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01010	.00073	.00020	.04672	.00011	-.00036
Stddev	.00002	.02368	.00004	.00052	.00486	.00011	.00008
%RSD	25.603	234.51	5.1548	255.98	10.392	93.266	23.254

#1	.00011	.00665	.00076	.00057	.05015	.00019	-.00041
#2	.00008	-.02685	.00071	-.00017	.04329	.00004	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05720	.00038	.00618	F .00713	.00799	.00041	.00157
Stddev	.01351	.00032	.00455	.00125	.00281	.00012	.00081
%RSD	23.616	84.237	73.578	17.501	35.153	30.619	51.723

#1	.06675	.00061	.00296	.00625	.00998	.00032	.00215
#2	.04764	.00016	.00939	.00802	.00600	.00049	.00100

Sample Name: CCB07 Acquired: 11/9/2018 18:55:13 Type: Unk
Method: P4-ICP2(v2560) 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	-.00041	.0005	.00003	F 2.6522	F<.00000
Stddev	.00031	.0024	.00006	.1571	.08982
%RSD	75.091	450.3	199.15	5.9218	11.359

#1	-.00019	-.0012	-.00001	2.7632	-.72723
#2	-.00063	.0023	.00007	2.5411	-.85425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3722.4	48124.	5463.9	143.58	4309.8
Stddev	3.6	213.	11.9	.38	4.3
%RSD	.09648	.44167	.21753	.26265	.09984

#1	3719.9	47974.	5455.5	143.32	4306.7
#2	3725.0	48275.	5472.3	143.85	4312.8

Sample Name: J5836-01 Acquired: 11/9/2018 18:59:18 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: POOLWATER Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00038	.00495	.00399	-.00108	.02009	.00080	.00000
Stddev	.00035	.00073	.00044	.00254	.00140	.00757	.00026	.00002
%RSD	8.6403	190.40	8.9249	63.693	129.78	37.676	31.833	799.94

#1	.00375	-.00013	.00526	.00579	-.00009	.01474	.00098	-.00001
#2	.00424	.00090	.00464	.00219	-.00207	.02545	.00062	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.08176	.00037	.00017	.00514	.01762	.00183	-.01955
Stddev	.00010	.01010	.00017	.00015	.00024	.00382	.00001	.01488
%RSD	63.102	12.359	44.774	87.997	4.7035	21.666	.73863	76.098

#1	.00009	.08891	.00049	.00006	.00531	.01492	.00184	-.03007
#2	.00022	.07462	.00025	.00027	.00497	.02032	.00182	-.00903

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	-.00015	.08723	-.00001	.01304	.05073	.00002	.00022
Stddev	.00003	.00012	.00705	.00067	.00008	.03220	.00019	.00226
%RSD	2.4677	78.350	8.0872	6630.6	.64082	63.480	1223.8	1025.3

#1	.00115	-.00007	.09222	-.00048	.01298	.07350	-.00012	.00181
#2	.00119	-.00023	.08224	.00046	.01310	.02796	.00015	-.00137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00890	.01773	-.00016	.00125	-.00629	.0016	.00025	2.1829
Stddev	.00049	.00457	.00072	.00063	.00038	.0006	.00023	.1908
%RSD	5.5614	25.798	459.09	50.578	6.1074	37.67	90.099	8.7404

#1	.00855	.01450	-.00067	.00170	-.00602	.0012	.00009	2.3178
#2	.00925	.02096	.00035	.00081	-.00656	.0020	.00041	2.0480

Sample Name: J5836-01 Acquired: 11/9/2018 18:59:18 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: POOLWATER Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .32524
%RSD 56.547

#1 -.34519
#2 -.80515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.1	49184.	5620.5	145.46	4399.9
Stddev	11.0	333.	31.7	1.55	4.9
%RSD	.29138	.67662	.56459	1.0654	.11140

#1	3789.9	48949.	5642.9	146.56	4396.5
#2	3774.3	49420.	5598.1	144.37	4403.4

Sample Name: J5841-01 Acquired: 11/9/2018 19:03:24 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GILROY-OMEGA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00111	.00703	.00025	-.00052	.01580	.01493
Stddev	.00076	.00074	.00022	.00271	.00077	.00522	.00057
%RSD	290.54	66.791	3.1869	1073.4	148.76	33.035	3.8025

#1	-.00028	.00058	.00719	.00217	.00003	.01211	.01533
#2	.00080	.00163	.00687	-.00167	-.00107	.01950	.01453

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00022	.41890	.00181	.00066	.12683	.72556
Stddev	.00001	.00000	.01345	.00028	.00003	.00075	.00992
%RSD	42.773	1.6607	3.2098	15.701	4.2315	.58934	1.3668

#1	.00002	.00022	.42841	.00161	.00068	.12630	.73257
#2	.00003	.00022	.40939	.00201	.00064	.12736	.71855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01539	.00855	.17783	-.00005	.19158	-.00018	.20709
Stddev	.00007	.02114	.00165	.00031	.01893	.00013	.00252
%RSD	.45145	247.37	.92508	579.35	9.8811	71.408	1.2173

#1	.01544	-.00640	.17667	.00016	.17820	-.00009	.20887
#2	.01534	.02350	.17899	-.00027	.20497	-.00028	.20530

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13014	.00006	.00484	.04524	.30764	-.00020	.00254
Stddev	.01169	.00016	.00948	.00498	.00002	.00016	.00048
%RSD	8.9846	255.37	195.94	11.004	.00567	80.148	19.060

#1	.12187	-.00005	-.00186	.04172	.30763	-.00009	.00288
#2	.13840	.00018	.01154	.04876	.30766	-.00032	.00220

Sample Name: J5841-01 Acquired: 11/9/2018 19:03:24 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GILROY-OMEGA Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00660	.0054	.00033	2.0725	F<.00000
Stddev	.00019	.0003	.00008	.4916	.03335
%RSD	2.9303	6.016	24.271	23.722	2.9937

#1	-.00674	.0052	.00039	2.4201	-1.1377
#2	-.00647	.0056	.00027	1.7248	-1.0906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3795.9	49056.	5550.7	143.92	4409.1
Stddev	9.2	517.	6.9	1.70	13.0
%RSD	.24184	1.0538	.12409	1.1833	.29370

#1	3802.3	48690.	5555.6	142.72	4418.3
#2	3789.4	49421.	5545.9	145.13	4400.0

Sample Name: J5855-01 Acquired: 11/9/2018 19:07:26 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	.00050	.02431	.00493	.01896	.69576	.02966	-.00000
Stddev	.00279	.00122	.00037	.00685	.00172	.01078	.00044	.00004
%RSD	61.339	241.88	1.5269	138.90	9.0618	1.5496	1.4979	1828.1
#1	.00652	-.00036	.02457	.00977	.02017	.68813	.02997	-.00003
#2	.00257	.00136	.02404	.00009	.01774	.70338	.02934	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	6.1589	.00696	.00557	.16539	4.8017	.07094	1.6501
Stddev	.00006	.0212	.00018	.00047	.00068	.0155	.00015	.0011
%RSD	2.3132	.34363	2.5413	8.4782	.40951	.32190	.20507	.06522
#1	.00253	6.1440	.00683	.00524	.16491	4.8126	.07083	1.6493
#2	.00245	6.1739	.00708	.00590	.16587	4.7908	.07104	1.6509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02213	-.00048	486.24	.00222	.42015	11.983	.02341	.25410
Stddev	.00018	.00081	2.60	.00030	.00051	.023	.00001	.00376
%RSD	.82773	166.12	.53391	13.283	.12176	.18821	.05983	1.4789
#1	.02226	.00008	488.07	.00201	.41979	11.999	.02342	.25676
#2	.02200	-.00105	484.40	.00243	.42051	11.967	.02340	.25145
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.919	F 15.201	-.00032	.00934	.02583	3.136	.03029	3.5978
Stddev	.022	.092	.00067	.00044	.00109	.017	.00002	.1666
%RSD	.09754	.60782	206.98	4.6573	4.2314	.5456	.05664	4.6295
#1	22.903	15.136	.00015	.00965	.02661	3.124	.03028	3.7156
#2	22.935	15.267	-.00080	.00904	.02506	3.149	.03031	3.4800

Sample Name: J5855-01 Acquired: 11/9/2018 19:07:26 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6966
Stddev	.3158
%RSD	11.712

#1	2.9199
#2	2.4733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.3	44299.	5537.1	140.36	3565.5
Stddev	1.0	17.	20.5	.21	5.5
%RSD	.02949	.03783	.37022	.15114	.15358

#1	3428.0	44287.	5551.6	140.51	3569.4
#2	3426.6	44311.	5522.6	140.21	3561.6

Sample Name: J5856-02 Acquired: 11/9/2018 19:11:31 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLEARWELL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00061	-.00015	.00384	-.00099	.55414	.03819	.00008
Stddev	.00364	.00103	.00006	.00055	.00039	.00512	.00039	.00005
%RSD	190.96	169.27	37.101	14.213	39.186	.92339	1.0209	57.771

#1	.00448	-.00134	-.00019	.00345	-.00126	.55776	.03847	.00012
#2	-.00067	.00012	-.00011	.00422	-.00072	.55052	.03791	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	21.043	.00109	.01362	.06035	.38999	.01192	4.4600
Stddev	.00007	.363	.00026	.00018	.00033	.00344	.00011	.0982
%RSD	1076.1	1.7244	23.642	1.3190	.54432	.88296	.93239	2.2009

#1	.00004	21.299	.00091	.01375	.06012	.38755	.01200	4.5294
#2	-.00005	20.786	.00127	.01350	.06059	.39242	.01184	4.3906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	.00064	95.880	.00086	.03663	125.70	.00787	.02277
Stddev	.00015	.00014	2.859	.00015	.00001	3.30	.00038	.00138
%RSD	11.537	22.320	2.9815	17.062	.03218	2.6250	4.8363	6.0395

#1	.00137	.00074	97.902	.00097	.03662	128.04	.00760	.02180
#2	.00116	.00054	93.859	.00076	.03664	123.37	.00814	.02375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2429	5.0104	-.00281	.03642	-.00415	.6503	.04946	3.8767
Stddev	.0119	.0734	.00118	.00191	.00061	.0029	.00132	.0297
%RSD	.14489	1.4657	41.948	5.2447	14.768	.4479	2.6705	.76601

#1	8.2344	5.0623	-.00364	.03777	-.00371	.6483	.05040	3.8977
#2	8.2513	4.9584	-.00197	.03507	-.00458	.6524	.04853	3.8557

Sample Name: J5856-02 Acquired: 11/9/2018 19:11:31 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLEARWELL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .10185
%RSD 622.80

#1 -.08838
#2 .05567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.8	45483.	5522.3	139.11	3796.1
Stddev	10.1	119.	99.2	.64	3.7
%RSD	.28641	.26059	1.7957	.46031	.09733

#1	3534.7	45567.	5452.2	138.66	3793.5
#2	3549.0	45399.	5592.4	139.56	3798.7

Sample Name: J5866-01 Acquired: 11/9/2018 19:15:33 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 15220032-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00555	-.00004	.05724	.00640	.00121	.23432	.03532	.00007
Stddev	.00063	.00011	.00087	.00356	.00053	.00060	.00022	.00002
%RSD	11.340	289.92	1.5211	55.613	43.767	.25456	.61448	23.272

#1	.00599	.00004	.05786	.00891	.00159	.23474	.03517	.00006
#2	.00510	-.00012	.05663	.00388	.00084	.23390	.03548	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	37.176	.00195	.00025	.55840	.40090	.03284	9.0156
Stddev	.00011	.054	.00014	.00003	.00363	.01394	.00039	.0019
%RSD	19.651	.14394	7.3572	11.187	.64928	3.4775	1.1817	.02141

#1	.00049	37.138	.00185	.00027	.56097	.39104	.03256	9.0170
#2	.00064	37.213	.00205	.00023	.55584	.41076	.03311	9.0143

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00071	109.22	.00048	.20881	11.657	.00078	.04209
Stddev	.00020	.00017	.54	.00022	.00187	.006	.00014	.00187
%RSD	5.9031	23.402	.49672	44.755	.89693	.05186	17.492	4.4454

#1	.00351	.00083	109.61	.00033	.20749	11.653	.00088	.04342
#2	.00323	.00059	108.84	.00064	.21014	11.661	.00068	.04077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0586	8.7208	.00176	.00959	-.00381	2.047	.12420	3.8438
Stddev	.0450	.0755	.00045	.00147	.00038	.009	.00075	.1128
%RSD	.74333	.86617	25.368	15.339	9.8501	.4307	.60502	2.9341

#1	6.0904	8.6674	.00207	.00855	-.00407	2.054	.12473	3.9235
#2	6.0267	8.7742	.00144	.01063	-.00354	2.041	.12367	3.7641

Sample Name: J5866-01 Acquired: 11/9/2018 19:15:33 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 15220032-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .31432
Stddev 1.1208
%RSD 356.59

#1 -.47823
#2 1.1069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.9	45942.	5392.3	137.48	3846.6
Stddev	20.4	46.	18.7	1.01	26.6
%RSD	.57360	.10080	.34753	.73314	.69138

#1	3534.6	45909.	5405.6	138.19	3827.8
#2	3563.3	45974.	5379.1	136.77	3865.4

Sample Name: J5860-14 Acquired: 11/9/2018 19:19:32 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-105(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56665	-.02364	44.464	-.07640	.11300	138.90	20.841	.00400
Stddev	.00037	.00278	.217	.00449	.00305	.17	.071	.00027
%RSD	.06462	11.779	.48788	5.8707	2.6969	.12573	.33964	6.7566
#1	.56691	-.02167	44.311	-.07323	.11084	138.78	20.891	.00381
#2	.56639	-.02561	44.618	-.07957	.11515	139.02	20.791	.00420
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31673	905.66	.71882	.15951	20.785	F 1213.6	8.5987	95.939
Stddev	.00304	3.13	.00121	.00027	.039	15.3	.0456	.036
%RSD	.95945	.34516	.16899	.16870	.18959	1.2573	.52975	.03796
#1	.31458	907.87	.71968	.15932	20.813	1224.4	8.6309	95.965
#2	.31888	903.45	.71796	.15970	20.757	1202.8	8.5664	95.913
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4940	-.00759	5.7502	.73249	F 37.019	13.648	.13351	1.2764
Stddev	.0107	.00088	.0217	.00584	.404	.105	.00129	.0382
%RSD	.71874	11.566	.37760	.79773	1.0910	.76966	.96617	2.9895
#1	1.4864	-.00697	5.7655	.73663	37.304	13.723	.13442	1.3033
#2	1.5016	-.00821	5.7348	.72836	36.733	13.574	.13260	1.2494
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.551	2.4963	2.6863	3.2857	.18900	F 15.94	.56930	<.00000
Stddev	.409	.0476	.0028	.0152	.00033	.08	.00731	1.0126
%RSD	.54134	1.9090	.10265	.46120	.17201	.4719	1.2831	3.5301
#1	75.262	2.5300	2.6883	3.2750	.18923	15.89	.56414	-29.399
#2	75.840	2.4626	2.6844	3.2964	.18877	15.99	.57447	-27.967

Sample Name: J5860-14 Acquired: 11/9/2018 19:19:32 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-105(0 Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.6	45790.	5883.0	114.50	2895.7
Stddev	11.8	19.	38.3	2.54	9.9
%RSD	.34374	.04223	.65093	2.2159	.34178
#1	3429.3	45776.	5855.9	112.71	2902.7
#2	3446.0	45804.	5910.0	116.29	2888.7

Sample Name: J5860-15 Acquired: 11/9/2018 19:23:43 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-105(8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01700	-.00565	.07616	-.00981	.00584	126.09	.37133
Stddev	.00233	.00199	.00214	.00280	.00220	.39	.00046
%RSD	13.725	35.177	2.8086	28.493	37.666	.31117	.12461

#1	.01865	-.00705	.07767	-.01179	.00428	126.37	.37166
#2	.01535	-.00424	.07464	-.00783	.00739	125.82	.37101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	-.00522	11.512	.18276	.10066	.01720	203.70
Stddev	.00011	.00051	.140	.00104	.00040	.00253	2.99
%RSD	2.8246	9.7748	1.2121	.57132	.39560	14.687	1.4675

#1	.00411	-.00486	11.610	.18350	.10094	.01898	201.59
#2	.00395	-.00558	11.413	.18202	.10038	.01541	205.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6895	44.929	.39085	-.00437	1.3348	.24440	.39242
Stddev	.0045	.079	.00004	.00010	.0052	.00017	.00496
%RSD	.09519	.17547	.00966	2.3249	.38709	.07001	1.2643

#1	4.6926	44.985	.39088	-.00444	1.3311	.24428	.38891
#2	4.6863	44.874	.39082	-.00430	1.3384	.24453	.39593

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4647	.00266	.17347	1.0876	6.4303	.01087	2.3361
Stddev	.0102	.00030	.00206	.0105	.1092	.00026	.0052
%RSD	.13706	11.413	1.1867	.96201	1.6977	2.4171	.22047

#1	7.4719	.00244	.17202	1.0950	6.5075	.01069	2.3397
#2	7.4574	.00287	.17493	1.0802	6.3531	.01106	2.3324

Sample Name: J5860-15 Acquired: 11/9/2018 19:23:43 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-105(8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11673	3.577	-.12465	<.00000	F<.00000
Stddev	.00061	.009	.00338	.15155	.45413
%RSD	.52301	.2431	2.7140	2.8962	1.7519

#1	.11630	3.583	-.12226	-5.3401	-26.243
#2	.11716	3.570	-.12704	-5.1257	-25.601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3999.7	51059.	6064.1	135.07	3805.2
Stddev	7.3	102.	41.4	1.74	14.4
%RSD	.18359	.19923	.68329	1.2898	.37820

#1	3994.5	50987.	6034.8	136.30	3795.0
#2	4004.9	51130.	6093.4	133.84	3815.4

Sample Name: J5860-16 Acquired: 11/9/2018 19:27:42 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-106(2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63070	-.06166	103.23	-.13874	.24056	128.17	28.236
Stddev	.00030	.00196	.34	.00093	.00239	.11	.176
%RSD	.04819	3.1853	.32926	.66778	.99448	.08193	.62388

#1	.63091	-.06305	103.47	-.13939	.24225	128.25	28.361
#2	.63048	-.06027	102.99	-.13808	.23887	128.10	28.111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00832	.47455	766.47	.82488	.25947	9.9168	F 2431.1
Stddev	.00037	.00232	6.78	.00242	.00212	.0218	2.0
%RSD	4.3881	.48978	.88470	.29346	.81566	.21972	.08259

#1	.00806	.47619	771.27	.82317	.26097	9.9322	2429.7
#2	.00858	.47291	761.68	.82660	.25798	9.9014	2432.5

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.517	59.382	2.0721	-.03186	4.3859	.83336	F 49.020
Stddev	.103	.074	.0039	.00052	.0151	.00119	.271
%RSD	.82260	.12486	.18856	1.6204	.34461	.14254	.55199

#1	12.590	59.329	2.0748	-.03149	4.3752	.83420	48.829
#2	12.445	59.434	2.0693	-.03222	4.3966	.83252	49.211

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.990	.06634	2.2432	F 104.05	2.9594	2.0534	3.4982
Stddev	.081	.00012	.0146	.47	.0278	.0145	.0056
%RSD	.62385	.17402	.64933	.45167	.93978	.70811	.15997

#1	13.047	.06626	2.2329	104.38	2.9791	2.0637	3.4942
#2	12.932	.06642	2.2535	103.71	2.9398	2.0431	3.5021

Sample Name: J5860-16 Acquired: 11/9/2018 19:27:42 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-106(2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19927	F 16.18	F -1.0104	<.00000	^ *****
Stddev	.00024	.07	.0052	.38716	-----
%RSD	.11958	.4357	.51258	.53361	-----

#1	.19910	16.23	-1.0067	-72.281	^ -----
#2	.19944	16.13	-1.0141	-72.828	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3363.9	44948.	5778.0	104.84	2620.9
Stddev	19.1	132.	50.8	.28	15.5
%RSD	.56659	.29459	.88003	.27027	.59164

#1	3350.4	44854.	5742.1	105.04	2609.9
#2	3377.4	45042.	5814.0	104.64	2631.8

Sample Name: J5860-17 Acquired: 11/9/2018 19:31:55 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-108(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00778	-.00503	.03515	-.00218	.00411	77.484	.38320
Stddev	.00144	.00158	.00028	.00289	.00097	.114	.00142
%RSD	18.544	31.436	.80836	132.81	23.560	.14718	.36978

#1	.00676	-.00614	.03536	-.00422	.00479	77.403	.38420
#2	.00880	-.00391	.03495	-.00013	.00342	77.565	.38220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	-.00328	6.9050	.13114	.06799	.07521	133.85
Stddev	.00010	.00017	.0202	.00072	.00012	.00085	1.93
%RSD	3.2487	5.0387	.29178	.54853	.18163	1.1297	1.4435

#1	.00286	-.00317	6.9193	.13063	.06791	.07581	132.48
#2	.00299	-.00340	6.8908	.13164	.06808	.07461	135.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0319	38.157	.29560	-.00393	1.1786	.17395	.26802
Stddev	.0055	.154	.00194	.00041	.0100	.00147	.00398
%RSD	.13641	.40415	.65771	10.551	.85086	.84667	1.4856

#1	4.0280	38.048	.29422	-.00363	1.1857	.17291	.26520
#2	4.0358	38.266	.29697	-.00422	1.1715	.17499	.27083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.444	.00107	.09702	.94601	4.1484	.00706	2.8250
Stddev	.039	.00012	.00780	.00333	.0362	.00056	.0004
%RSD	.29126	11.086	8.0417	.35177	.87171	7.8784	.01341

#1	13.416	.00116	.09150	.94366	4.1228	.00745	2.8252
#2	13.472	.00099	.10254	.94836	4.1740	.00667	2.8247

Sample Name: J5860-17 Acquired: 11/9/2018 19:31:55 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-108(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11228	2.855	-.09915	<.00000	F<.00000
Stddev	.00048	.004	.00194	.16870	1.1780
%RSD	.42319	.1444	1.9539	5.0996	13.161

#1	.11262	2.852	-.09778	-3.1888	-9.7836
#2	.11195	2.858	-.10052	-3.4273	-8.1176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.5	51740.	6065.0	136.83	3853.1
Stddev	5.0	64.	17.7	1.46	8.1
%RSD	.12367	.12312	.29119	1.0648	.20895

#1	4058.0	51695.	6052.5	137.86	3847.4
#2	4065.1	51785.	6077.5	135.80	3858.8

Sample Name: J5860-18 Acquired: 11/9/2018 19:35:51 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-109(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00941	-.00479	.02659	.00029	.00352	74.540	.36356
Stddev	.00013	.00073	.00026	.00133	.00077	.241	.00004
%RSD	1.3354	15.333	.98323	467.70	21.833	.32396	.01142

#1	.00932	-.00427	.02641	-.00066	.00406	74.710	.36359
#2	.00950	-.00531	.02678	.00123	.00297	74.369	.36353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	-.00394	8.0351	.13272	.07070	.07367	150.78
Stddev	.00006	.00021	.0412	.00078	.00054	.00054	1.20
%RSD	2.1098	5.4033	.51277	.58852	.76282	.73341	.79502

#1	.00289	-.00379	8.0642	.13328	.07108	.07406	149.93
#2	.00298	-.00409	8.0060	.13217	.07031	.07329	151.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4614	38.861	.36929	-.00332	1.2694	.19320	.30010
Stddev	.0112	.025	.00054	.00009	.0165	.00116	.00298
%RSD	.25162	.06505	.14627	2.8007	1.3003	.59823	.99364

#1	4.4694	38.843	.36891	-.00325	1.2811	.19402	.29799
#2	4.4535	38.878	.36967	-.00339	1.2577	.19238	.30221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2874	.00125	.12380	.99263	3.9829	.00739	2.1688
Stddev	.0720	.00001	.00668	.00587	.0089	.00070	.0057
%RSD	.77498	1.1967	5.3946	.59134	.22221	9.5180	.26511

#1	9.3383	.00124	.12852	.99678	3.9766	.00689	2.1728
#2	9.2365	.00126	.11907	.98848	3.9891	.00788	2.1647

Sample Name: J5860-18 Acquired: 11/9/2018 19:35:51 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-109(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10238	3.538	-.12496	<.00000	F<.00000
Stddev	.00016	.001	.00140	.31800	.87973
%RSD	.15497	.0206	1.1170	9.1991	7.3618

#1	.10249	3.538	-.12398	-3.2320	-11.328
#2	.10227	3.537	-.12595	-3.6817	-12.572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4135.0	52706.	6143.4	137.52	3864.3
Stddev	13.3	210.	7.8	1.25	9.3
%RSD	.32147	.39884	.12682	.90692	.24174

#1	4125.6	52558.	6148.9	138.40	3857.7
#2	4144.4	52855.	6137.9	136.64	3870.9

Sample Name: CCV08 Acquired: 11/9/2018 19:39:46 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7672 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8438	4.9429	4.7430	4.9890	4.9617	10.195	10.107	.24765
Stddev	.0108	.0080	.0065	.0087	.0126	.027	.020	.00008
%RSD	.22255	.16142	.13695	.17415	.25419	.26863	.19863	.03350
#1	4.8362	4.9373	4.7385	4.9829	4.9706	10.215	10.121	.24771
#2	4.8514	4.9486	4.7476	4.9952	4.9528	10.176	10.093	.24759
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3758	25.581	.97904	2.3775	1.2570	4.9613	2.4681	24.070
Stddev	.0039	.015	.00048	.0040	.0001	.1220	.0007	.046
%RSD	.16407	.05753	.04917	.16601	.01086	2.4587	.02924	.19123
#1	2.3730	25.591	.97938	2.3747	1.2571	5.0475	2.4676	24.102
#2	2.3785	25.571	.97870	2.3803	1.2569	4.8750	2.4686	24.037
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4272	1.2234	25.260	2.5010	2.3800	25.440	4.9169	5.1028
Stddev	.0004	.0013	.024	.0056	.0503	.089	.0034	.0209
%RSD	.01835	.10526	.09645	.22531	2.1120	.34955	.07002	.40881
#1	2.4275	1.2225	25.277	2.5050	2.4156	25.503	4.9144	5.0880
#2	2.4269	1.2243	25.243	2.4970	2.3445	25.377	4.9193	5.1175
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8082	4.9406	4.7193	4.9260	5.2024	4.870	5.0157	F 3.4610
Stddev	.0063	.0070	.0075	.0132	.0057	.004	.0093	.0281
%RSD	.13093	.14244	.15915	.26733	.11032	.0820	.18531	.81071
#1	4.8037	4.9356	4.7140	4.9166	5.1983	4.867	5.0222	3.4808
#2	4.8126	4.9456	4.7246	4.9353	5.2064	4.873	5.0091	3.4412

Sample Name: CCV08 Acquired: 11/9/2018 19:39:46 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7672 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6501
Stddev .0608
%RSD 3.6843

#1 1.6931
#2 1.6071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3623.9	46031.	5366.0	133.31	3774.3
Stddev	5.4	128.	.1	2.79	1.2
%RSD	.14871	.27729	.00273	2.0918	.03176

#1	3620.1	45941.	5365.9	131.34	3773.4
#2	3627.7	46121.	5366.1	135.28	3775.1

Sample Name: CCB08 Acquired: 11/9/2018 19:43:30 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7672 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00081	.00432	.00119	-.00001	.00604	.00055
Stddev	.00321	.00067	.00074	.00166	.00163	.00391	.00051
%RSD	231.85	82.676	17.142	139.11	11816.	64.652	92.812

#1	.00366	.00128	.00485	.00002	-.00117	.00328	.00019
#2	-.00089	.00034	.00380	.00236	.00114	.00880	.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00000	-.00215	-.00039	-.00012	-.00079	.00343
Stddev	.00003	.00000	.01449	.00013	.00007	.00039	.00785
%RSD	46.147	76.041	674.90	34.039	52.880	48.821	228.74

#1	.00004	-.00000	-.01240	-.00048	-.00008	-.00107	.00899
#2	.00008	-.00000	.00810	-.00029	-.00017	-.00052	-.00212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00674	.00067	-.00028	-.01468	-.00015	.00102
Stddev	.00001	.04008	.00013	.00030	.00267	.00016	.00015
%RSD	17.705	594.51	18.945	106.46	18.173	108.30	15.067

#1	.00005	.03508	.00076	-.00049	-.01279	-.00003	.00113
#2	.00004	-.02160	.00058	-.00007	-.01656	-.00026	.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02633	.00014	-.00069	.00457	.00347	-.00091	.00344
Stddev	.01210	.00031	.00999	.00189	.00274	.00069	.00016
%RSD	45.974	219.51	1438.7	41.400	78.829	75.255	4.5208

#1	.03489	-.00008	.00637	.00323	.00541	-.00140	.00355
#2	.01777	.00036	-.00776	.00590	.00154	-.00043	.00333

Sample Name: CCB08 Acquired: 11/9/2018 19:43:30 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7672 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00202	.0003	.00007	F 1.9840	F<.00000
Stddev	.00062	.0012	.00009	.2467	.32987
%RSD	30.844	469.2	134.94	12.433	21.568

#1	.00246	-.0006	.00013	1.8095	-1.7627
#2	.00158	.0011	.00000	2.1584	-1.2962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.0	48866.	5557.5	142.75	4307.8
Stddev	14.1	432.	23.3	.27	19.3
%RSD	.37037	.88392	.41872	.18988	.44706

#1	3787.0	49171.	5573.9	142.56	4294.2
#2	3806.9	48561.	5541.0	142.94	4321.4

Sample Name: J5860-19 Acquired: 11/9/2018 19:47:35 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-109(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02336	-.00404	.05617	.00250	.00195	71.341	.26766
Stddev	.00054	.00165	.00099	.00370	.00021	.158	.00096
%RSD	2.2940	40.995	1.7636	148.04	10.685	.22146	.35711

#1	.02298	-.00520	.05547	-.00012	.00181	71.453	.26834
#2	.02374	-.00287	.05687	.00512	.00210	71.229	.26698

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	-.00427	7.8973	.12843	.07165	.08568	136.04
Stddev	.00019	.00017	.0248	.00158	.00014	.00312	2.43
%RSD	6.2661	3.8751	.31350	1.2322	.19169	3.6438	1.7851

#1	.00286	-.00438	7.9148	.12731	.07175	.08347	137.75
#2	.00313	-.00415	7.8797	.12955	.07155	.08788	134.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3638	37.730	.41936	-.00521	1.3737	.24354	.28448
Stddev	.0004	.168	.00120	.00001	.0064	.00126	.00548
%RSD	.02760	.44473	.28670	.27444	.46701	.51641	1.9267

#1	1.3636	37.612	.42021	-.00520	1.3783	.24265	.28835
#2	1.3641	37.849	.41851	-.00522	1.3692	.24443	.28060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8614	.00156	.10700	5.1367	3.3735	.00544	2.5531
Stddev	.0606	.00006	.00226	.0008	.0315	.00013	.0004
%RSD	.68409	3.5796	2.1117	.01546	.93251	2.3066	.01714

#1	8.9042	.00152	.10541	5.1372	3.3958	.00553	2.5534
#2	8.8185	.00160	.10860	5.1361	3.3513	.00535	2.5528

Sample Name: J5860-19 Acquired: 11/9/2018 19:47:35 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-109(1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09974	4.235	-.10201	<.00000	F<.00000
Stddev	.00174	.024	.00259	.57551	1.8120
%RSD	1.7464	.5595	2.5363	18.497	14.001

#1	.10097	4.252	-.10384	-2.7044	-11.661
#2	.09851	4.218	-.10018	-3.5183	-14.223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.1	51337.	6042.1	135.98	3892.2
Stddev	10.7	51.	25.7	2.90	10.9
%RSD	.26667	.09939	.42453	2.1345	.28034

#1	4017.5	51301.	6024.0	133.93	3884.5
#2	4032.7	51373.	6060.3	138.04	3899.9

Sample Name: J5860-20 Acquired: 11/9/2018 19:51:29 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-109(2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00753	-.00436	.00144	-.00460	.00580	57.762	.33880
Stddev	.00263	.00090	.00271	.00117	.00073	.682	.00099
%RSD	34.926	20.664	188.01	25.363	12.530	1.1809	.29147

#1	.00939	-.00500	.00336	-.00378	.00529	58.244	.33810
#2	.00567	-.00373	-.00047	-.00543	.00632	57.279	.33950

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	-.00738	6.7702	.13347	.07830	-.02236	230.93
Stddev	.00004	.00017	.0151	.00079	.00033	.00096	.23
%RSD	1.8545	2.2565	.22277	.59369	.41924	4.2944	.10050

#1	.00215	-.00726	6.7595	.13403	.07853	-.02168	230.76
#2	.00221	-.00750	6.7808	.13291	.07807	-.02304	231.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9984	23.200	.25605	-.00639	1.4361	.20860	.32245
Stddev	.0198	.091	.00150	.00082	.0121	.00231	.00079
%RSD	.99096	.39069	.58585	12.918	.83902	1.1076	.24550

#1	2.0124	23.136	.25711	-.00697	1.4276	.21023	.32189
#2	1.9844	23.264	.25499	-.00580	1.4446	.20697	.32301

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1454	.00125	.17997	.33161	2.6509	.00640	2.7179
Stddev	.0168	.00015	.00056	.00252	.0095	.00078	.0158
%RSD	.18379	12.144	.31093	.76122	.35868	12.145	.58277

#1	9.1335	.00114	.17958	.32982	2.6576	.00585	2.7067
#2	9.1572	.00136	.18037	.33339	2.6441	.00695	2.7291

Sample Name: J5860-20 Acquired: 11/9/2018 19:51:29 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-109(2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06740	3.125	-.16695	<.00000	F<.00000
Stddev	.00079	.001	.00013	.13983	.15457
%RSD	1.1747	.0316	.07699	2.2545	.52530

#1	.06796	3.124	-.16704	-6.3010	-29.535
#2	.06684	3.125	-.16686	-6.1033	-29.316

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.9	51735.	6090.3	135.67	3881.1
Stddev	16.7	442.	5.2	.11	11.3
%RSD	.40885	.85506	.08616	.08019	.29236

#1	4075.1	51423.	6094.0	135.75	3873.1
#2	4098.8	52048.	6086.6	135.60	3889.1

Sample Name: J5860-21 Acquired: 11/9/2018 19:55:23 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-110(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01390	-.00467	.05324	.00563	.00522	80.751	.47438
Stddev	.00007	.00086	.00042	.00090	.00132	.278	.00261
%RSD	.50393	18.487	.79041	15.984	25.299	.34479	.55052

#1	.01385	-.00406	.05354	.00627	.00428	80.554	.47623
#2	.01395	-.00528	.05294	.00499	.00615	80.948	.47253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00414	8.5851	.11548	.07356	.07649	142.44
Stddev	.00017	.00030	.0093	.00207	.00024	.00142	1.69
%RSD	5.3993	7.3329	.10830	1.7897	.32856	1.8512	1.1835

#1	.00329	-.00435	8.5917	.11694	.07373	.07549	143.63
#2	.00305	-.00392	8.5786	.11402	.07339	.07749	141.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7067	35.705	.32204	-.00356	1.0224	.17197	.29341
Stddev	.0079	.026	.00079	.00022	.0043	.00012	.00552
%RSD	.16859	.07379	.24612	6.2070	.42063	.07131	1.8798

#1	4.7011	35.686	.32148	-.00341	1.0193	.17188	.29731
#2	4.7123	35.723	.32260	-.00372	1.0254	.17206	.28951

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9492	.00091	.12110	.54983	4.4299	.00810	2.4286
Stddev	.0191	.00031	.00736	.00687	.0469	.00015	.0091
%RSD	.27496	34.233	6.0764	1.2496	1.0589	1.8789	.37319

#1	6.9627	.00113	.12630	.54498	4.3967	.00821	2.4350
#2	6.9357	.00069	.11590	.55469	4.4631	.00799	2.4221

Sample Name: J5860-21 Acquired: 11/9/2018 19:55:23 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-110(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09673	3.437	-.10580	<.00000	F<.00000
Stddev	.00132	.001	.00137	.31048	1.1709
%RSD	1.3682	.0146	1.2943	9.6923	11.365

#1	.09766	3.438	-.10677	-3.4229	-9.4756
#2	.09579	3.437	-.10483	-2.9838	-11.132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4181.4	53073.	6210.5	136.67	3907.3
Stddev	10.9	135.	48.6	2.62	11.0
%RSD	.26002	.25509	.78332	1.9154	.28177

#1	4173.7	52977.	6176.1	134.82	3899.5
#2	4189.1	53168.	6244.9	138.52	3915.0

Sample Name: J5860-22 Acquired: 11/9/2018 19:59:23 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-110(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01558	-.00587	.16531	.00340	.00295	70.719	.31457
Stddev	.00040	.00039	.00073	.00242	.00297	.277	.00024
%RSD	2.5937	6.6735	.44446	71.180	100.68	.39109	.07544

#1	.01530	-.00559	.16583	.00511	.00506	70.523	.31474
#2	.01587	-.00615	.16479	.00169	.00085	70.915	.31440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	-.00502	10.071	.12728	.09094	.09706	166.06
Stddev	.00003	.00044	.019	.00119	.00049	.00071	1.24
%RSD	.76284	8.8206	.18873	.93712	.54067	.73318	.74942

#1	.00331	-.00533	10.058	.12644	.09059	.09655	166.94
#2	.00334	-.00470	10.085	.12812	.09129	.09756	165.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.341	27.755	.41521	-.00203	2.1410	.23745	.28501
Stddev	.032	.022	.00048	.00024	.0022	.00141	.00259
%RSD	.25732	.07866	.11539	11.585	.10314	.59184	.90951

#1	12.318	27.740	.41555	-.00220	2.1394	.23845	.28684
#2	12.363	27.771	.41487	-.00186	2.1425	.23646	.28318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2129	.00407	.12652	2.0014	3.1882	.00662	2.4863
Stddev	.0197	.00010	.00322	.0055	.0019	.00022	.0095
%RSD	.27325	2.5326	2.5470	.27313	.05976	3.2683	.38309

#1	7.2268	.00400	.12880	1.9975	3.1896	.00647	2.4795
#2	7.1989	.00414	.12424	2.0053	3.1869	.00678	2.4930

Sample Name: J5860-22 Acquired: 11/9/2018 19:59:23 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-110(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09120	3.811	-.12465	<.00000	F<.00000
Stddev	.00006	.024	.00136	.30034	.36010
%RSD	.06460	.6212	1.0942	7.9078	2.4414

#1	.09125	3.794	-.12561	-4.0104	-14.495
#2	.09116	3.827	-.12368	-3.5856	-15.004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4159.1	52930.	6161.8	134.98	3908.9
Stddev	9.6	89.	12.6	1.38	.5
%RSD	.22971	.16772	.20517	1.0240	.01315

#1	4152.3	52993.	6152.9	134.00	3909.3
#2	4165.8	52868.	6170.7	135.96	3908.5

Sample Name: J5860-23 Acquired: 11/9/2018 20:03:23 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-110(2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00510	-.02292	.00128	.00782	64.838	.44747
Stddev	.00132	.00069	.00144	.00288	.00094	.000	.00102
%RSD	183.77	13.548	6.2793	225.10	11.961	.00030	.22777

#1	.00022	-.00559	-.02393	-.00076	.00849	64.838	.44675
#2	-.00165	-.00461	-.02190	.00332	.00716	64.838	.44819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	-.00975	12.985	.16098	.08089	.00705	306.61
Stddev	.00000	.00028	.034	.00004	.00040	.00060	1.49
%RSD	.17333	2.9139	.26338	.02195	.49776	8.5742	.48601

#1	.00229	-.00955	12.961	.16095	.08118	.00748	305.55
#2	.00230	-.00995	13.009	.16100	.08061	.00662	307.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6286	27.962	.23456	-.00755	1.8194	.31849	.32280
Stddev	.0079	.136	.00038	.00007	.0068	.00097	.00161
%RSD	.21698	.48635	.15993	.92964	.37290	.30572	.49961

#1	3.6342	27.866	.23482	-.00750	1.8146	.31918	.32166
#2	3.6231	28.058	.23429	-.00760	1.8242	.31780	.32394

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.461	.00455	.23839	.83708	3.2697	.00924	3.1107
Stddev	.049	.00011	.00494	.00280	.0369	.00045	.0228
%RSD	.46978	2.4787	2.0727	.33409	1.1271	4.8796	.73218

#1	10.426	.00462	.23489	.83906	3.2437	.00892	3.0946
#2	10.495	.00447	.24188	.83510	3.2958	.00956	3.1268

Sample Name: J5860-23 Acquired: 11/9/2018 20:03:23 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-110(2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10253	4.206	-.27993	<.00000	F<.00000
Stddev	.00005	.012	.00147	.01149	.30578
%RSD	.04940	.2851	.52567	.12953	.53114

#1	.10249	4.214	-.27889	-8.8774	-57.353
#2	.10256	4.197	-.28097	-8.8612	-57.786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4128.1	52444.	6133.2	136.25	3861.8
Stddev	7.3	13.	46.4	1.25	15.1
%RSD	.17673	.02473	.75618	.91682	.39084

#1	4123.0	52454.	6166.0	137.13	3851.2
#2	4133.3	52435.	6100.5	135.36	3872.5

Sample Name: J5860-24 Acquired: 11/9/2018 20:07:16 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-111(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01544	-.00674	.05886	.00758	.00462	86.873	.43911
Stddev	.00047	.00012	.00073	.00214	.00074	.050	.00139
%RSD	3.0749	1.7136	1.2450	28.243	16.079	.05787	.31620

#1	.01510	-.00682	.05835	.00910	.00515	86.837	.43813
#2	.01577	-.00666	.05938	.00607	.00410	86.908	.44009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00380	-.00562	10.010	.14679	.08495	.08108	189.56
Stddev	.00009	.00065	.112	.00115	.00029	.00394	5.83
%RSD	2.2679	11.485	1.1162	.78466	.34195	4.8543	3.0766

#1	.00374	-.00608	9.9308	.14598	.08516	.07830	193.69
#2	.00386	-.00516	10.089	.14761	.08475	.08387	185.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3553	38.488	.40564	-.00368	1.6455	.26866	.32830
Stddev	.0028	.001	.00101	.00104	.0123	.00007	.00721
%RSD	.04420	.00164	.24837	28.246	.74421	.02669	2.1955

#1	6.3573	38.488	.40635	-.00295	1.6369	.26871	.33340
#2	6.3533	38.488	.40493	-.00442	1.6542	.26861	.32321

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.119	.00188	.16890	.91954	4.3880	.00824	2.7459
Stddev	.033	.00002	.00979	.00270	.0561	.00109	.0005
%RSD	.32615	.99067	5.7946	.29410	1.2781	13.202	.01785

#1	10.095	.00189	.17583	.91762	4.3484	.00901	2.7463
#2	10.142	.00186	.16198	.92145	4.4277	.00747	2.7456

Sample Name: J5860-24 Acquired: 11/9/2018 20:07:16 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-111(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11663	5.036	-.16688	<.00000	F<.00000
Stddev	.00221	.000	.00605	.33355	.08366
%RSD	1.8935	.0045	3.6228	7.0979	.41247

#1	.11507	5.036	-.17115	-4.4634	-20.224
#2	.11819	5.036	-.16260	-4.9351	-20.342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4273.9	54192.	6353.4	136.71	3861.4
Stddev	3.2	40.	18.5	3.88	6.0
%RSD	.07466	.07407	.29077	2.8384	.15563

#1	4271.7	54221.	6366.4	133.97	3857.2
#2	4276.2	54164.	6340.3	139.46	3865.7

Sample Name: J5860-25 Acquired: 11/9/2018 20:11:16 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-111(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01196	-.00527	.46032	.00491	.00583	69.881	.32048
Stddev	.00106	.00142	.00440	.00029	.00090	.104	.00034
%RSD	8.8909	26.913	.95493	6.0053	15.406	.14856	.10588

#1	.01120	-.00627	.46342	.00470	.00647	69.954	.32072
#2	.01271	-.00426	.45721	.00511	.00520	69.808	.32024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00381	-.00757	8.4669	.16677	.08724	.01151	234.56
Stddev	.00009	.00043	.0005	.00161	.00051	.00413	4.61
%RSD	2.3244	5.6892	.00616	.96317	.58887	35.841	1.9660

#1	.00388	-.00726	8.4673	.16790	.08760	.01443	231.30
#2	.00375	-.00787	8.4666	.16563	.08688	.00859	237.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3654	27.210	.32042	-.00649	1.9322	.29643	.31874
Stddev	.0220	.152	.00194	.00127	.0053	.00209	.00815
%RSD	.29886	.55893	.60572	19.620	.27578	.70548	2.5577

#1	7.3498	27.318	.32179	-.00739	1.9359	.29791	.31298
#2	7.3810	27.103	.31905	-.00559	1.9284	.29496	.32451

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2058	.00185	.18540	.75044	3.5375	.00785	2.4883
Stddev	.0181	.00046	.01373	.00308	.0389	.00028	.0063
%RSD	.25051	25.138	7.4083	.41095	1.0989	3.5910	.25114

#1	7.1930	.00152	.17569	.75262	3.5650	.00805	2.4927
#2	7.2185	.00217	.19511	.74826	3.5100	.00765	2.4839

Sample Name: J5860-25 Acquired: 11/9/2018 20:11:16 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-111(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07956	4.724	-.21010	<.00000	F<.00000
Stddev	.00163	.022	.00556	.15721	.05935
%RSD	2.0492	.4744	2.6446	2.5397	.18095

#1	.08072	4.740	-.20617	-6.0789	-32.758
#2	.07841	4.708	-.21403	-6.3012	-32.842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.2	52497.	6055.6	136.76	3896.0
Stddev	9.7	111.	32.1	2.31	11.0
%RSD	.23486	.21083	.53018	1.6903	.28115

#1	4120.4	52419.	6032.9	138.39	3888.2
#2	4134.1	52575.	6078.3	135.13	3903.7

Sample Name: J5860-26 Acquired: 11/9/2018 20:15:15 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-111(2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00997	-.00349	-.00050	.00218	.00679	55.765	.34887
Stddev	.00140	.00010	.00102	.00141	.00061	.190	.00048
%RSD	14.011	3.0025	202.42	64.658	8.9562	.34096	.13830

#1	.01096	-.00341	-.00122	.00118	.00722	55.630	.34921
#2	.00899	-.00356	.00022	.00318	.00636	55.899	.34853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	-.00838	11.739	.15291	.08050	-.01469	260.22
Stddev	.00015	.00022	.043	.00031	.00021	.00230	2.38
%RSD	4.6320	2.6534	.36906	.20554	.26022	15.629	.91365

#1	.00340	-.00854	11.709	.15313	.08065	-.01631	261.90
#2	.00319	-.00823	11.770	.15269	.08035	-.01306	258.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8811	21.529	.32252	-.00722	1.0937	.32212	.31122
Stddev	.0032	.027	.00036	.00017	.0055	.00007	.00202
%RSD	.11201	.12404	.11230	2.3841	.50563	.02250	.64912

#1	2.8788	21.548	.32277	-.00710	1.0898	.32207	.31265
#2	2.8834	21.511	.32226	-.00735	1.0976	.32217	.30979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8504	-.00051	.20955	.46118	2.3997	.00749	2.4661
Stddev	.0375	.00038	.00466	.00794	.0149	.00084	.0046
%RSD	.54716	75.714	2.2217	1.7212	.61997	11.170	.18586

#1	6.8769	-.00078	.21284	.46680	2.3892	.00690	2.4694
#2	6.8239	-.00024	.20625	.45557	2.4103	.00809	2.4629

Sample Name: J5860-26 Acquired: 11/9/2018 20:15:15 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-111(2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06364	5.902	-.20762	<.00000	F<.00000
Stddev	.00208	.011	.00253	.41709	.27879
%RSD	3.2641	.1775	1.2203	6.3011	.71127

#1	.06511	5.894	-.20941	-6.3244	-39.393
#2	.06218	5.909	-.20583	-6.9142	-38.999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4154.4	52712.	6118.0	135.26	3893.6
Stddev	.7	86.	8.0	1.01	8.5
%RSD	.01797	.16271	.13012	.74311	.21926

#1	4154.9	52773.	6112.4	134.55	3887.6
#2	4153.9	52651.	6123.6	135.97	3899.7

Sample Name: J5860-27 Acquired: 11/9/2018 20:19:09 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-106(8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00829	-.00415	.02219	.00463	.00474	70.254	.27817
Stddev	.00024	.00038	.00181	.00508	.00092	.436	.00217
%RSD	2.8731	9.1411	8.1363	109.56	19.445	.62093	.78026

#1	.00812	-.00388	.02091	.00822	.00409	70.562	.27971
#2	.00846	-.00442	.02347	.00104	.00540	69.945	.27664

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	-.00514	8.8682	.16006	.04976	.05383	154.83
Stddev	.00005	.00053	.0876	.00045	.00003	.00352	3.94
%RSD	1.9240	10.229	.98733	.28060	.06112	6.5414	2.5453

#1	.00290	-.00552	8.9301	.15975	.04978	.05134	157.62
#2	.00282	-.00477	8.8063	.16038	.04974	.05632	152.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5488	29.654	.29645	-.00449	1.1693	.18379	.26618
Stddev	.0072	.000	.00002	.00085	.0016	.00008	.00691
%RSD	.28138	.00091	.00814	18.846	.13974	.04471	2.5961

#1	2.5539	29.654	.29647	-.00390	1.1704	.18373	.27106
#2	2.5437	29.654	.29643	-.00509	1.1681	.18385	.26129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1183	.00135	.13173	.46794	2.8407	.00568	2.2434
Stddev	.0534	.00028	.00114	.00253	.0224	.00000	.0013
%RSD	.65815	20.627	.86542	.54108	.78729	.05084	.05779

#1	8.1561	.00154	.13093	.46973	2.8565	.00567	2.2425
#2	8.0805	.00115	.13254	.46615	2.8248	.00568	2.2443

Sample Name: J5860-27 Acquired: 11/9/2018 20:19:09 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-106(8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09139	3.689	-.12184	<.00000	F<.00000
Stddev	.00099	.000	.00453	.16179	.07947
%RSD	1.0810	.0041	3.7206	4.9776	.63345

#1	.09209	3.689	-.12505	-3.1359	-12.602
#2	.09069	3.689	-.11864	-3.3647	-12.490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4133.3	52391.	6120.4	137.64	3937.2
Stddev	2.7	260.	30.9	3.73	2.2
%RSD	.06421	.49569	.50461	2.7108	.05555

#1	4131.5	52208.	6098.6	135.00	3935.7
#2	4135.2	52575.	6142.3	140.28	3938.8

Sample Name: J5884-03 Acquired: 11/9/2018 20:23:05 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11301	-.00472	.71908	.01067	.00616	95.419	.83979
Stddev	.00231	.00019	.00556	.00123	.00141	.034	.00242
%RSD	2.0420	4.0798	.77365	11.527	22.961	.03612	.28847

#1	.11464	-.00485	.71515	.01153	.00715	95.443	.84150
#2	.11138	-.00458	.72302	.00980	.00516	95.394	.83808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00514	-.00536	51.663	.13887	.12216	.53759	210.60
Stddev	.00010	.00048	.181	.00176	.00119	.00294	2.53
%RSD	1.8688	8.8688	.35073	1.2682	.97545	.54630	1.1995

#1	.00521	-.00570	51.535	.14012	.12131	.53551	212.39
#2	.00507	-.00503	51.791	.13763	.12300	.53967	208.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1656	35.404	.22103	-.00544	6.6712	.38859	.51244
Stddev	.0054	.166	.00056	.00021	.0053	.00138	.00517
%RSD	.16989	.46982	.25515	3.8521	.08016	.35584	1.0096

#1	3.1694	35.521	.22063	-.00530	6.6750	.38957	.51609
#2	3.1618	35.286	.22143	-.00559	6.6674	.38761	.50878

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6723	.02392	.18862	7.4220	2.0455	.06260	2.2205
Stddev	.0157	.00054	.00302	.0444	.0050	.00088	.0124
%RSD	.16260	2.2491	1.6032	.59871	.24635	1.4057	.55635

#1	9.6834	.02354	.19076	7.3906	2.0491	.06198	2.2292
#2	9.6612	.02430	.18649	7.4534	2.0420	.06323	2.2117

Sample Name: J5884-03 Acquired: 11/9/2018 20:23:05 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15204	4.339	-.04401	<.00000	F<.00000
Stddev	.00101	.029	.00168	.19077	.15833
%RSD	.66394	.6801	3.8061	4.0393	.65702

#1	.15275	4.318	-.04520	-4.8577	-23.986
#2	.15132	4.360	-.04283	-4.5879	-24.210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4193.1	53040.	6341.2	135.80	3784.8
Stddev	6.3	10.	3.7	1.19	14.4
%RSD	.15035	.01897	.05890	.87369	.38009

#1	4197.6	53033.	6343.8	134.96	3795.0
#2	4188.6	53047.	6338.5	136.64	3774.6

Sample Name: CCV09 Acquired: 11/9/2018 20:26:57 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14160 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8957	5.0541	4.7684	5.0730	4.9961	10.440	10.304	.25007
Stddev	.0115	.0226	.0239	.0242	.0200	.011	.097	.00015
%RSD	.23473	.44705	.50155	.47687	.40095	.10409	.94272	.05911
#1	4.8876	5.0382	4.7515	5.0559	4.9820	10.433	10.235	.24997
#2	4.9038	5.0701	4.7853	5.0901	5.0103	10.448	10.372	.25018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4109	26.240	1.0049	2.4012	1.2808	5.0760	2.5016	24.260
Stddev	.0084	.308	.0004	.0099	.0040	.0319	.0013	.185
%RSD	.35019	1.1740	.04419	.41127	.31288	.62903	.05224	.76152
#1	2.4050	26.022	1.0053	2.3942	1.2780	5.0986	2.5007	24.130
#2	2.4169	26.457	1.0046	2.4082	1.2836	5.0535	2.5026	24.391
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4824	1.2448	26.080	2.5722	2.4201	26.069	4.9642	5.2284
Stddev	.0118	.0024	.254	.0050	.0190	.204	.0189	.0306
%RSD	.47634	.19057	.97200	.19362	.78601	.78277	.38081	.58435
#1	2.4740	1.2464	25.901	2.5757	2.4336	25.925	4.9509	5.2068
#2	2.4908	1.2431	26.260	2.5686	2.4067	26.214	4.9776	5.2500
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8722	4.9924	4.7916	5.0268	5.3215	4.973	5.1342	F 3.7703
Stddev	.0231	.0646	.0273	.0176	.0448	.032	.0369	.1009
%RSD	.47338	1.2944	.56899	.34937	.84150	.6465	.71933	2.6771
#1	4.8559	4.9467	4.7723	5.0144	5.2898	4.950	5.1081	3.8417
#2	4.8885	5.0381	4.8108	5.0392	5.3531	4.996	5.1603	3.6989

Sample Name: CCV09 Acquired: 11/9/2018 20:26:57 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14160 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7357
Stddev .7515
%RSD 43.298

#1 1.2043
#2 2.2671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3628.9	45672.	5296.7	131.95	3765.6
Stddev	5.7	76.	41.2	1.59	3.8
%RSD	.15741	.16723	.77739	1.2033	.09969

#1	3624.9	45618.	5325.8	130.83	3762.9
#2	3632.9	45726.	5267.6	133.08	3768.2

Sample Name: CCB09 Acquired: 11/9/2018 20:30:42 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14160 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00015	.00130	-.00144	.00037	.00887	.00158
Stddev	.00042	.00093	.00056	.00346	.00061	.01452	.00060
%RSD	17.368	615.58	42.858	240.01	163.92	163.75	38.296

#1	.00272	.00081	.00169	.00101	.00080	.01913	.00201
#2	.00212	-.00051	.00091	-.00389	-.00006	-.00140	.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00001	-.00643	-.00036	.00010	-.00115	.00223
Stddev	.00000	.00002	.01103	.00019	.00034	.00059	.00314
%RSD	4.2863	147.92	171.56	54.150	351.31	50.811	140.32

#1	.00008	-.00000	-.01423	-.00022	-.00014	-.00157	.00445
#2	.00009	.00002	.00137	-.00049	.00034	-.00074	.00002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00214	.00064	.00004	-.04128	.00006	.00011
Stddev	.00001	.01007	.00013	.00095	.00403	.00076	.00003
%RSD	9.0925	471.08	20.687	2406.3	9.7620	1200.2	24.189

#1	.00010	-.00926	.00054	.00071	-.04413	.00060	.00013
#2	.00011	.00498	.00073	-.00063	-.03843	-.00047	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02201	.00031	.00556	.00356	.00552	-.00037	.00261
Stddev	.00666	.00021	.00462	.00075	.00023	.00020	.00186
%RSD	30.275	68.831	83.124	21.009	4.2357	53.620	71.321

#1	-.02672	.00046	.00883	.00303	.00569	-.00051	.00392
#2	-.01730	.00016	.00229	.00408	.00536	-.00023	.00129

Sample Name: CCB09 Acquired: 11/9/2018 20:30:42 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14160 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	.0032	.00008	F 2.3287	F<.00000
Stddev	.00071	.0007	.00011	.6283	.42603
%RSD	187.29	20.25	149.74	26.979	47.347

#1	-.00088	.0028	.00016	1.8845	-.59856
#2	.00012	.0037	-.00000	2.7730	-1.2011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.1	48374.	5428.7	139.91	4330.5
Stddev	6.3	97.	39.3	.15	5.7
%RSD	.16498	.20029	.72356	.10950	.13214

#1	3829.7	48443.	5456.5	140.02	4334.6
#2	3838.6	48306.	5400.9	139.80	4326.5

Sample Name: J5884-07 Acquired: 11/9/2018 20:34:47 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04265	-.00628	.19283	.00870	.00292	115.38	.84672
Stddev	.00131	.00033	.00010	.00162	.00056	.28	.00500
%RSD	3.0827	5.1931	.05174	18.612	19.219	.24631	.59048

#1	.04172	-.00651	.19290	.00756	.00252	115.58	.85025
#2	.04358	-.00605	.19276	.00985	.00331	115.18	.84318

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	-.00460	79.872	.11871	.08773	.07055	165.62
Stddev	.00019	.00015	.089	.00149	.00023	.00035	.06
%RSD	3.9099	3.2253	.11196	1.2561	.25787	.49981	.03719

#1	.00461	-.00450	79.809	.11766	.08789	.07080	165.58
#2	.00487	-.00471	79.935	.11977	.08757	.07030	165.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0361	33.542	.15112	-.00469	3.4545	.22199	.36612
Stddev	.0028	.043	.00097	.00024	.0162	.00121	.00336
%RSD	.04608	.12874	.64216	5.1562	.46931	.54543	.91678

#1	6.0341	33.512	.15181	-.00486	3.4660	.22284	.36375
#2	6.0381	33.573	.15043	-.00452	3.4431	.22113	.36849

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9836	.00366	.14992	5.5253	3.1472	.01701	1.4394
Stddev	.0466	.00003	.00431	.0089	.0207	.00017	.0065
%RSD	.58433	.71127	2.8765	.16194	.65804	.98234	.45197

#1	7.9506	.00367	.15297	5.5317	3.1619	.01713	1.4440
#2	8.0166	.00364	.14687	5.5190	3.1326	.01689	1.4348

Sample Name: J5884-07 Acquired: 11/9/2018 20:34:47 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12596	4.239	-.01511	<.00000	F<.00000
Stddev	.00067	.011	.00156	.08103	.97357
%RSD	.52871	.2662	10.340	4.5939	7.4622

#1	.12643	4.247	-.01400	-1.7066	-13.735
#2	.12549	4.231	-.01621	-1.8212	-12.358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.6	51112.	6001.9	135.38	3757.1
Stddev	24.3	185.	14.1	.49	38.4
%RSD	.59905	.36163	.23429	.36358	1.0207

#1	4032.4	50981.	5992.0	135.73	3730.0
#2	4066.7	51243.	6011.8	135.03	3784.3

Sample Name: J5884-11 Acquired: 11/9/2018 20:38:52 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03856	-.00701	.22293	.01119	.00682	180.84	.81902
Stddev	.00274	.00179	.00017	.00086	.00083	.18	.00151
%RSD	7.1054	25.514	.07670	7.6868	12.189	.09714	.18393

#1	.04049	-.00827	.22305	.01180	.00623	180.97	.81796
#2	.03662	-.00575	.22281	.01058	.00740	180.72	.82009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	-.00828	19.675	.17392	.11557	-.02598	266.37
Stddev	.00035	.00024	.006	.00088	.00101	.00263	2.03
%RSD	5.5698	2.9509	.03275	.50477	.87147	10.109	.76207

#1	.00652	-.00845	19.680	.17454	.11485	-.02783	267.80
#2	.00603	-.00811	19.670	.17330	.11628	-.02412	264.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3343	29.116	.21677	-.00616	3.9839	.30958	.49889
Stddev	.0247	.273	.00071	.00004	.0220	.00452	.00121
%RSD	.38935	.93804	.32809	.57738	.55248	1.4607	.24344

#1	6.3517	28.923	.21626	-.00614	3.9684	.31277	.49975
#2	6.3168	29.310	.21727	-.00619	3.9995	.30638	.49803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.286	.00229	.23901	2.4675	6.1938	.01614	1.3858
Stddev	.015	.00009	.00039	.0125	.0828	.00042	.0119
%RSD	.12198	3.7243	.16158	.50642	1.3360	2.5751	.86103

#1	12.276	.00235	.23874	2.4587	6.1353	.01585	1.3942
#2	12.297	.00223	.23928	2.4763	6.2523	.01644	1.3773

Sample Name: J5884-11 Acquired: 11/9/2018 20:38:52 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8A-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13268	7.651	-.19822	<.00000	F<.00000
Stddev	.00084	.035	.00232	.41441	.24880
%RSD	.63496	.4562	1.1700	5.7731	.59048

#1	.13328	7.626	-.19986	-7.4713	-42.312
#2	.13208	7.675	-.19658	-6.8853	-41.960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4316.6	53717.	6378.5	132.48	3765.9
Stddev	8.9	73.	23.8	.81	.2
%RSD	.20711	.13639	.37242	.61244	.00555

#1	4310.2	53769.	6395.3	131.91	3766.1
#2	4322.9	53665.	6361.7	133.06	3765.8

Sample Name: J5884-15 Acquired: 11/9/2018 20:42:57 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17488	-.00527	.22553	.02117	.00040	111.87	5.1303
Stddev	.00305	.00038	.00156	.00309	.00149	.50	.0254
%RSD	1.7415	7.1334	.69336	14.586	373.05	.45126	.49547

#1	.17703	-.00501	.22663	.01899	-.00065	111.51	5.1482
#2	.17272	-.00554	.22442	.02336	.00145	112.22	5.1123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	-.00207	45.569	.17331	.07854	-.00016	130.91
Stddev	.00009	.00010	.478	.00079	.00012	.00036	.07
%RSD	1.3497	4.9239	1.0489	.45658	.15144	220.53	.05324

#1	.00648	-.00200	45.907	.17275	.07862	.00009	130.86
#2	.00635	-.00214	45.231	.17387	.07845	-.00041	130.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3521	13.252	.09293	-.00244	3.5666	.34322	.68292
Stddev	.0033	.002	.00032	.00008	.0005	.00190	.00183
%RSD	.09745	.01600	.34753	3.4476	.01508	.55467	.26865

#1	3.3498	13.250	.09270	-.00238	3.5669	.34187	.68421
#2	3.3544	13.253	.09316	-.00250	3.5662	.34457	.68162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8588	.00148	.13142	F 31.575	3.7679	.00365	.38636
Stddev	.0452	.00020	.00469	.039	.0459	.00054	.00203
%RSD	1.1720	13.354	3.5690	.12411	1.2172	14.691	.52477

#1	3.8908	.00134	.12811	31.603	3.8003	.00403	.38780
#2	3.8268	.00161	.13474	31.548	3.7355	.00327	.38493

Sample Name: J5884-15 Acquired: 11/9/2018 20:42:57 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8A-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11918	5.664	.09911	<.00000	F<.00000
Stddev	.00015	.013	.00022	.27189	.66871
%RSD	.12492	.2317	.22207	8.6499	4.9170

#1	.11928	5.673	.09926	-3.3356	-14.073
#2	.11907	5.655	.09895	-2.9510	-13.127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4582.9	58176.	6871.5	137.13	3854.6
Stddev	7.3	49.	84.4	.39	13.9
%RSD	.15988	.08467	1.2281	.28309	.35955

#1	4577.7	58211.	6811.9	136.85	3844.8
#2	4588.1	58141.	6931.2	137.40	3864.4

Sample Name: J5884-15DUP Acquired: 11/9/2018 20:46:56 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17679	-.00395	.22393	.02171	.00047	111.48	5.1590
Stddev	.00098	.00079	.00071	.00411	.00112	.60	.0235
%RSD	.55386	20.005	.31679	18.949	240.76	.54146	.45569

#1	.17748	-.00451	.22443	.02461	-.00033	111.05	5.1756
#2	.17610	-.00339	.22342	.01880	.00126	111.91	5.1423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	-.00204	45.123	.17403	.07873	.00008	131.49
Stddev	.00006	.00015	.207	.00040	.00059	.00067	.56
%RSD	1.0024	7.2603	.45934	.22921	.74544	886.31	.42571

#1	.00640	-.00194	45.269	.17431	.07915	.00055	131.09
#2	.00649	-.00215	44.976	.17374	.07832	-.00040	131.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3452	13.327	.09290	-.00236	3.5848	.34391	.68318
Stddev	.0042	.114	.00005	.00019	.0098	.00041	.00149
%RSD	.12555	.85320	.05907	8.0204	.27294	.11829	.21761

#1	3.3422	13.407	.09294	-.00223	3.5917	.34362	.68423
#2	3.3482	13.246	.09286	-.00250	3.5779	.34420	.68213

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8599	.00152	.12770	F 31.530	3.5635	.00445	.38430
Stddev	.0027	.00010	.00057	.017	.0458	.00058	.00207
%RSD	.06901	6.5910	.44274	.05474	1.2842	13.078	.53956

#1	3.8580	.00159	.12810	31.517	3.5959	.00486	.38576
#2	3.8618	.00144	.12730	31.542	3.5312	.00404	.38283

Sample Name: J5884-15DUP Acquired: 11/9/2018 20:46:56 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-DDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11783	5.678	.10041	<.00000	F<.00000
Stddev	.00018	.001	.00138	.18255	.37542
%RSD	.15441	.0170	1.3754	5.5170	2.8582

#1	.11770	5.677	.10138	-3.4379	-12.869
#2	.11796	5.679	.09943	-3.1797	-13.400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4580.7	58211.	6872.1	137.01	3854.9
Stddev	.2	168.	91.7	.57	1.5
%RSD	.00544	.28880	1.3337	.41575	.03909

#1	4580.9	58092.	6807.3	136.60	3856.0
#2	4580.5	58330.	6936.9	137.41	3853.8

Sample Name: J5884-15LX5 Acquired: 11/9/2018 20:50:58 Type: Unk
Method: P4-ICP2(v2560) 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	.04386	-.00057	.04510	.00674	.00128	25.835	1.2173	.00157
Stddev	.00003	.00021	.00065	.00028	.00013	.354	.0013	.00001
%RSD	.05875	37.065	1.4359	4.1082	10.143	1.3721	.10239	.69783

#1	.04388	-.00042	.04464	.00655	.00119	26.086	1.2181	.00158
#2	.04384	-.00072	.04555	.00694	.00138	25.584	1.2164	.00156

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	10.855	.04112	.01541	.00430	26.440	.81829	3.2528
Stddev	.00014	.011	.00000	.00014	.00052	.340	.00045	.0090
%RSD	25.968	.10495	.00775	.92027	12.043	1.2848	.05445	.27802

#1	-.00064	10.863	.04112	.01531	.00393	26.680	.81861	3.2592
#2	-.00044	10.847	.04113	.01551	.00467	26.200	.81798	3.2464

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01878	-.00128	.81734	.08107	.14093	.91263	.00020	.01525
Stddev	.00027	.00047	.01446	.00043	.00159	.01547	.00004	.00442
%RSD	1.4129	36.691	1.7690	.52743	1.1293	1.6950	22.644	28.996

#1	.01897	-.00095	.80712	.08137	.14205	.90170	.00023	.01837
#2	.01859	-.00162	.82757	.08077	.13980	.92357	.00016	.01212

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1222	.95409	.00066	.09219	.02623	1.100	.02977	1.2416
Stddev	.0426	.02510	.00014	.00070	.00076	.005	.00058	.0182
%RSD	.69570	2.6303	21.534	.75456	2.8943	.4648	1.9495	1.4648

#1	6.1523	.97184	.00056	.09169	.02569	1.103	.02936	1.2545
#2	6.0921	.93635	.00076	.09268	.02676	1.096	.03018	1.2288

Sample Name: J5884-15LX5 Acquired: 11/9/2018 20:50:58 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7810
Stddev	.2629
%RSD	5.4992

#1	4.9669
#2	4.5951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.4	50339.	5757.1	140.57	4158.3
Stddev	10.3	272.	17.8	1.57	19.2
%RSD	.25755	.54013	.30958	1.1204	.46233

#1	3991.2	50147.	5769.7	139.45	4144.7
#2	4005.7	50532.	5744.5	141.68	4171.9

Sample Name: J5884-15MS Acquired: 11/9/2018 20:54:57 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79992	2.0163	1.1566	1.6784	.07275	126.94	5.0677
Stddev	.00227	.0004	.0008	.0070	.00031	.44	.0045
%RSD	.28435	.01712	.07005	.41824	.43049	.34383	.08913

#1	.80153	2.0161	1.1572	1.6834	.07297	127.25	5.0645
#2	.79831	2.0166	1.1561	1.6735	.07253	126.63	5.0709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17258	.19154	44.592	.51801	.27638	.24814	141.97
Stddev	.00002	.00056	.099	.00032	.00111	.00162	.88
%RSD	.01085	.29090	.22171	.06246	.40263	.65085	.61999

#1	.17256	.19114	44.662	.51778	.27559	.24928	141.35
#2	.17259	.19193	44.522	.51823	.27716	.24699	142.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8150	15.415	.60873	.05666	6.1583	.61150	.86911
Stddev	.0060	.182	.00158	.00051	.0051	.00012	.00198
%RSD	.15691	1.1787	.25918	.89190	.08277	.01923	.22742

#1	3.8192	15.286	.60761	.05630	6.1547	.61141	.87051
#2	3.8107	15.543	.60984	.05702	6.1619	.61158	.86771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.540	.29402	.25685	F 28.422	4.2861	.60460	.44810
Stddev	.011	.00130	.00017	.113	.0940	.00013	.00334
%RSD	.08843	.44213	.06490	.39798	2.1920	.02226	.74571

#1	12.532	.29494	.25697	28.342	4.3525	.60450	.44573
#2	12.548	.29310	.25674	28.502	4.2197	.60469	.45046

Sample Name: J5884-15MS Acquired: 11/9/2018 20:54:57 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8A-DMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33716	F 13.97	.26211	<.00000	F<.00000
Stddev	.00014	.04	.00055	.62396	.51578
%RSD	.04268	.2705	.20933	19.681	3.2661

#1	.33706	13.94	.26250	-2.7292	-16.156
#2	.33727	13.99	.26172	-3.6116	-15.427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4494.7	57103.	6629.0	133.97	3795.9
Stddev	4.9	342.	27.2	.34	12.0
%RSD	.10792	.59975	.41006	.25669	.31540

#1	4491.3	56861.	6609.8	133.73	3804.3
#2	4498.2	57345.	6648.2	134.22	3787.4

Sample Name: J5884-15MSD Acquired: 11/9/2018 20:58:51 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79948	2.0327	1.1634	1.6733	.07218	127.24	5.0750
Stddev	.00024	.0060	.0006	.0021	.00112	.56	.0410
%RSD	.02954	.29327	.05406	.12663	1.5540	.43655	.80733

#1	.79965	2.0285	1.1638	1.6718	.07139	127.63	5.0460
#2	.79931	2.0369	1.1629	1.6748	.07297	126.84	5.1040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17178	.19243	44.840	.51483	.27708	.25049	138.98
Stddev	.00012	.00038	.448	.00021	.00005	.00114	.56
%RSD	.07053	.19746	.99969	.04055	.01716	.45521	.39980

#1	.17186	.19216	44.523	.51468	.27711	.24968	139.37
#2	.17169	.19270	45.157	.51498	.27704	.25129	138.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8058	15.501	.61004	.05661	6.1708	.60856	.84605
Stddev	.0026	.053	.00091	.00028	.0449	.00055	.00689
%RSD	.06941	.34018	.14939	.49282	.72725	.09000	.81417

#1	3.8077	15.463	.60940	.05681	6.1390	.60895	.84118
#2	3.8039	15.538	.61069	.05641	6.2025	.60817	.85092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.553	.29408	.24918	F 28.447	4.2436	.60317	.44775
Stddev	.038	.00099	.00006	.044	.0387	.00091	.01018
%RSD	.30285	.33638	.02404	.15536	.91113	.15165	2.2747

#1	12.526	.29478	.24914	28.416	4.2163	.60253	.45496
#2	12.580	.29338	.24922	28.478	4.2709	.60382	.44055

Sample Name: J5884-15MSD Acquired: 11/9/2018 20:58:51 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-DMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33831	F 13.97	.26565	<.00000	F<.00000
Stddev	.00033	.00	.00326	.06733	.58988
%RSD	.09630	.0126	1.2276	2.2991	3.5978

#1	.33855	13.97	.26335	-2.8810	-15.979
#2	.33808	13.97	.26796	-2.9762	-16.813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.3	57391.	6662.3	137.68	3795.6
Stddev	19.0	43.	99.8	.83	3.6
%RSD	.42093	.07468	1.4972	.60060	.09473

#1	4495.9	57361.	6732.9	138.26	3793.1
#2	4522.7	57421.	6591.8	137.09	3798.2

Sample Name: J5884-15A Acquired: 11/9/2018 21:02:44 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7674 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79966	2.0145	1.1550	1.6725	.07237	126.90	5.0608
Stddev	.00411	.0087	.0051	.0054	.00068	.07	.0062
%RSD	.51344	.43409	.44273	.32306	.94261	.05767	.12253

#1	.79675	2.0083	1.1514	1.6687	.07189	126.95	5.0564
#2	.80256	2.0207	1.1587	1.6763	.07285	126.85	5.0652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17132	.19094	44.193	.51551	.27572	.24708	141.65
Stddev	.00044	.00129	.099	.00018	.00068	.00251	1.97
%RSD	.25639	.67466	.22443	.03426	.24531	1.0155	1.3920

#1	.17163	.19003	44.123	.51538	.27524	.24530	143.04
#2	.17101	.19185	44.263	.51563	.27620	.24885	140.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7944	15.401	.60738	.05614	6.1485	.60875	.86122
Stddev	.0033	.050	.00295	.00007	.0078	.00142	.01082
%RSD	.08814	.32414	.48649	.13072	.12669	.23278	1.2562

#1	3.7968	15.436	.60530	.05619	6.1540	.60976	.86887
#2	3.7921	15.365	.60947	.05609	6.1430	.60775	.85357

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.480	.29352	.26147	F 28.445	4.1055	.60395	.44792
Stddev	.025	.00118	.00683	.077	.0113	.00095	.00075
%RSD	.19790	.40171	2.6139	.27105	.27424	.15721	.16854

#1	12.463	.29268	.26630	28.390	4.0975	.60462	.44846
#2	12.498	.29435	.25664	28.499	4.1134	.60328	.44739

Sample Name: J5884-15A Acquired: 11/9/2018 21:02:44 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7674 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33625	F 13.96	.26112	<.00000	F<.00000
Stddev	.00154	.03	.00249	.43251	.18697
%RSD	.45792	.2165	.95248	14.504	1.1707

#1	.33733	13.94	.25936	-2.6761	-15.838
#2	.33516	13.98	.26288	-3.2878	-16.103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4501.9	57339.	6704.3	135.30	3802.8
Stddev	1.8	140.	4.9	1.96	3.4
%RSD	.03906	.24353	.07346	1.4501	.08901

#1	4503.1	57240.	6700.9	133.91	3805.2
#2	4500.7	57438.	6707.8	136.69	3800.4

Sample Name: J5269-09 Acquired: 11/9/2018 21:06:36 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-12-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00794	-.00137	.04309	.00878	.00378	59.944	.37687
Stddev	.00031	.00139	.00103	.00738	.00257	.056	.00221
%RSD	3.8430	101.16	2.3804	84.079	67.881	.09347	.58686

#1	.00773	-.00039	.04237	.01400	.00560	59.905	.37843
#2	.00816	-.00235	.04382	.00356	.00197	59.984	.37530

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	-.00437	12.310	.08056	.05384	.12653	117.43
Stddev	.00004	.00018	.190	.00004	.00022	.00139	1.04
%RSD	1.0037	4.0206	1.5425	.04599	.41207	1.0970	.88782

#1	.00390	-.00450	12.445	.08053	.05368	.12555	118.17
#2	.00396	-.00425	12.176	.08059	.05400	.12751	116.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3993	21.040	.11392	-.00392	10.027	.10522	.25978
Stddev	.0008	.092	.00011	.00034	.040	.00049	.00181
%RSD	.06002	.43553	.10037	8.7840	.40128	.46962	.69725

#1	1.3987	21.105	.11384	-.00368	10.056	.10557	.26106
#2	1.3999	20.975	.11400	-.00416	9.9990	.10487	.25850

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5457	.00026	.11921	.19717	5.1044	.00504	.87744
Stddev	.0538	.00023	.00369	.00055	.0651	.00028	.00565
%RSD	.71282	89.233	3.0986	.27737	1.2758	5.6318	.64446

#1	7.5838	.00042	.12182	.19679	5.1504	.00524	.88144
#2	7.5077	.00010	.11660	.19756	5.0583	.00484	.87344

Sample Name: J5269-09 Acquired: 11/9/2018 21:06:36 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-12-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13115	4.041	-.07312	<.00000	F<.00000
Stddev	.00162	.035	.00119	.17697	.05896
%RSD	1.2386	.8689	1.6227	8.6338	2.4785

#1	.13230	4.016	-.07395	-2.1748	-2.3372
#2	.13000	4.066	-.07228	-1.9245	-2.4206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4120.1	52154.	6025.0	136.83	3928.0
Stddev	5.0	10.	46.2	1.45	1.8
%RSD	.12117	.01946	.76661	1.0597	.04540

#1	4116.6	52161.	5992.3	135.81	3929.3
#2	4123.6	52147.	6057.7	137.86	3926.7

Sample Name: J5269-13 Acquired: 11/9/2018 21:10:33 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02347	-.00866	.08391	.01747	.00827	177.10	.70959
Stddev	.00070	.00007	.00144	.00030	.00196	.49	.00254
%RSD	2.9848	.79386	1.7197	1.7275	23.744	.27656	.35856

#1	.02297	-.00861	.08289	.01725	.00689	176.75	.70779
#2	.02396	-.00871	.08493	.01768	.00966	177.45	.71139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00625	-.01166	13.096	.16826	.11739	.27669	329.44
Stddev	.00002	.00030	.093	.00094	.00017	.00301	2.65
%RSD	.37854	2.5959	.70762	.55748	.14900	1.0866	.80570

#1	.00623	-.01187	13.030	.16893	.11751	.27457	331.32
#2	.00627	-.01144	13.161	.16760	.11726	.27882	327.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2075	36.140	.18938	-.00807	10.054	.31137	.47032
Stddev	.0227	.114	.00075	.00077	.044	.00256	.00543
%RSD	.31512	.31524	.39492	9.4831	.43813	.82079	1.1554

#1	7.2236	36.060	.18991	-.00861	10.023	.31318	.47416
#2	7.1915	36.221	.18885	-.00753	10.085	.30957	.46648

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3674	.00090	.28766	1.0558	5.9071	.01398	2.0517
Stddev	.0721	.00012	.00361	.0052	.0433	.00001	.0022
%RSD	.76942	12.944	1.2543	.49337	.73230	.04370	.10533

#1	9.3164	.00098	.28511	1.0521	5.8765	.01398	2.0501
#2	9.4184	.00082	.29021	1.0595	5.9377	.01398	2.0532

Sample Name: J5269-13 Acquired: 11/9/2018 21:10:33 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-13-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20141	6.592	-.25503	<.00000	F<.00000
Stddev	.00083	.003	.00242	.03643	.23064
%RSD	.41120	.0393	.94853	.43841	.37762

#1	.20082	6.593	-.25675	-8.3344	-60.915
#2	.20200	6.590	-.25332	-8.2828	-61.241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4240.9	53182.	6296.7	131.07	3746.0
Stddev	10.4	57.	12.6	1.40	.5
%RSD	.24594	.10736	.19989	1.0656	.01378

#1	4248.3	53142.	6305.6	130.09	3746.3
#2	4233.5	53222.	6287.8	132.06	3745.6

Sample Name: CCV10 Acquired: 11/9/2018 21:14:38 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14163 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7682	4.9596	4.6233	4.9660	4.8403	10.189	10.112	.24502
Stddev	.0148	.0095	.0106	.0262	.0174	.064	.065	.00045
%RSD	.30975	.19215	.23014	.52703	.35919	.62503	.64513	.18170
#1	4.7577	4.9529	4.6158	4.9475	4.8280	10.234	10.066	.24471
#2	4.7786	4.9664	4.6309	4.9845	4.8526	10.144	10.158	.24533
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3591	25.677	.99046	2.3397	1.2483	5.0682	2.4342	23.843
Stddev	.0007	.158	.00321	.0025	.0038	.0720	.0050	.166
%RSD	.02978	.61441	.32398	.10647	.30779	1.4205	.20457	.69467
#1	2.3586	25.566	.99273	2.3379	1.2456	5.1192	2.4377	23.725
#2	2.3596	25.789	.98819	2.3414	1.2510	5.0173	2.4307	23.960
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4378	1.2289	25.740	2.5428	2.3479	25.558	4.8220	5.1765
Stddev	.0031	.0001	.148	.0068	.0294	.167	.0044	.0173
%RSD	.12753	.00683	.57483	.26684	1.2505	.65278	.09059	.33414
#1	2.4356	1.2289	25.636	2.5476	2.3687	25.440	4.8189	5.1643
#2	2.4400	1.2288	25.845	2.5380	2.3272	25.676	4.8251	5.1888
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7543	4.9180	4.6938	4.9178	5.2379	4.904	5.0539	F 3.7337
Stddev	.0071	.0176	.0018	.0088	.0277	.004	.0331	.2870
%RSD	.15017	.35852	.03848	.17800	.52877	.0743	.65562	7.6855
#1	4.7493	4.9055	4.6925	4.9116	5.2183	4.901	5.0305	3.9366
#2	4.7594	4.9304	4.6950	4.9240	5.2575	4.906	5.0774	3.5308

Sample Name: CCV10 Acquired: 11/9/2018 21:14:38 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14163 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6409
Stddev	.5462
%RSD	33.288

#1	2.0271
#2	1.2547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3713.2	46524.	5387.4	133.87	3827.2
Stddev	.8	216.	11.9	1.94	6.3
%RSD	.02266	.46371	.22035	1.4481	.16551

#1	3712.6	46371.	5395.8	132.50	3822.8
#2	3713.7	46676.	5379.0	135.24	3831.7

Sample Name: CCB10 Acquired: 11/9/2018 21:18:24 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14163 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	.00058	.00080	.00548	-.00181	.00257	.00014
Stddev	.00081	.00031	.00014	.00087	.00074	.00103	.00098
%RSD	49.397	53.411	17.529	15.891	41.003	39.850	714.01

#1	.00221	.00080	.00090	.00609	-.00233	.00185	.00083
#2	.00107	.00036	.00070	.00486	-.00128	.00330	-.00055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00001	.00449	-.00032	-.00002	-.00098	.00528
Stddev	.00005	.00003	.00093	.00029	.00016	.00033	.00315
%RSD	100.15	493.65	20.595	90.685	782.70	34.188	59.741

#1	-.00009	.00003	.00515	-.00052	-.00013	-.00121	.00305
#2	-.00001	-.00002	.00384	-.00011	.00009	-.00074	.00751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00658	.00053	.00012	-.04409	-.00029	.00184
Stddev	.00003	.02726	.00055	.00005	.00127	.00016	.00004
%RSD	48.208	414.25	103.02	43.633	2.8705	54.316	2.4279

#1	.00005	.01270	.00092	.00008	-.04499	-.00018	.00187
#2	.00010	-.02586	.00014	.00016	-.04320	-.00040	.00181

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01698	.00044	.00139	.00228	.00435	.00083	.00248
Stddev	.02245	.00011	.00505	.00217	.00012	.00059	.00082
%RSD	132.19	25.721	364.77	95.410	2.8411	71.363	33.158

#1	-.03286	.00036	-.00219	.00381	.00444	.00124	.00190
#2	-.00111	.00052	.00496	.00074	.00426	.00041	.00306

Sample Name: CCB10 Acquired: 11/9/2018 21:18:24 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14163 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	.0026	.00000	F 2.3216	F<.00000
Stddev	.00009	.0012	.00009	.0533	.32810
%RSD	7.4202	45.76	3726.2	2.2965	32.207

#1	-.00121	.0034	-.00006	2.2839	-1.2507
#2	-.00109	.0018	.00007	2.3593	-.78674

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3843.9	48413.	5450.2	140.12	4324.4
Stddev	1.1	149.	87.9	1.70	4.2
%RSD	.02944	.30773	1.6130	1.2112	.09808

#1	3843.1	48519.	5388.0	138.92	4327.4
#2	3844.7	48308.	5512.3	141.32	4321.4

Sample Name: J5269-17 Acquired: 11/9/2018 21:22:29 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01466	-.00658	.13754	.01509	.00162	112.82	1.5087
Stddev	.00070	.00141	.00129	.00168	.00177	.07	.0090
%RSD	4.8080	21.483	.93669	11.111	109.46	.06403	.59603

#1	.01416	-.00558	.13663	.01391	.00288	112.77	1.5150
#2	.01516	-.00758	.13845	.01628	.00037	112.87	1.5023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	-.00581	111.76	.20258	.08106	.10144	182.55
Stddev	.00006	.00019	.51	.00119	.00120	.00113	2.26
%RSD	.79436	3.3001	.45860	.58816	1.4755	1.1122	1.2407

#1	.00770	-.00568	112.12	.20173	.08021	.10224	180.95
#2	.00761	-.00595	111.40	.20342	.08190	.10065	184.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8788	35.516	.20226	-.00365	9.6690	.30026	.61814
Stddev	.0000	.221	.00152	.00057	.0529	.00284	.00756
%RSD	.00084	.62235	.75172	15.580	.54742	.94565	1.2234

#1	2.8787	35.673	.20119	-.00406	9.7065	.29825	.61279
#2	2.8788	35.360	.20334	-.00325	9.6316	.30227	.62348

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.043	-.00013	.18159	.57753	3.5878	.01257	1.7904
Stddev	.076	.00025	.00554	.00068	.0163	.00128	.0012
%RSD	.75725	182.47	3.0526	.11713	.45432	10.205	.06556

#1	10.097	.00004	.17767	.57706	3.5994	.01166	1.7896
#2	9.9893	-.00031	.18551	.57801	3.5763	.01348	1.7913

Sample Name: J5269-17 Acquired: 11/9/2018 21:22:29 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13-D Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21248	7.118	-.02557	<.00000	F<.00000
Stddev	.00082	.055	.00283	.06305	.20356
%RSD	.38664	.7661	11.071	1.9420	1.2839

#1	.21190	7.080	-.02356	-3.2912	-15.999
#2	.21306	7.157	-.02757	-3.2021	-15.711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4714.1	59597.	7017.4	134.01	3677.2
Stddev	15.5	29.	37.2	1.64	27.9
%RSD	.32840	.04925	.52951	1.2208	.75925

#1	4725.0	59617.	6991.1	135.17	3697.0
#2	4703.1	59576.	7043.6	132.85	3657.5

Sample Name: J5269-21 Acquired: 11/9/2018 21:26:29 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02067	-.00547	.19515	.01238	.00697	124.21	.78506
Stddev	.00294	.00114	.00036	.00157	.00074	.15	.00119
%RSD	14.219	20.893	.18280	12.713	10.672	.12405	.15203

#1	.02275	-.00466	.19541	.01127	.00749	124.10	.78591
#2	.01860	-.00627	.19490	.01349	.00644	124.32	.78422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00426	-.00688	24.545	.16908	.07900	.13360	199.34
Stddev	.00024	.00011	.077	.00043	.00021	.00093	.19
%RSD	5.6313	1.6477	.31193	.25575	.26955	.69894	.09524

#1	.00409	-.00696	24.599	.16939	.07915	.13294	199.21
#2	.00443	-.00680	24.491	.16878	.07885	.13426	199.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1793	30.415	.15929	-.00699	5.5292	.24746	.45694
Stddev	.0055	.013	.00041	.00009	.0308	.00139	.00131
%RSD	.10607	.04387	.25547	1.2915	.55799	.56065	.28743

#1	5.1832	30.406	.15958	-.00692	5.5510	.24844	.45601
#2	5.1754	30.425	.15900	-.00705	5.5073	.24647	.45787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.753	.00163	.18729	1.2512	6.8156	.01459	1.4684
Stddev	.022	.00008	.01039	.0023	.0914	.00001	.0113
%RSD	.20390	4.9570	5.5473	.18430	1.3416	.05451	.76852

#1	10.769	.00169	.17994	1.2496	6.8803	.01458	1.4764
#2	10.738	.00157	.19463	1.2529	6.7509	.01459	1.4604

Sample Name: J5269-21 Acquired: 11/9/2018 21:26:29 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-14 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17907	5.949	-.00129	<.00000	F<.00000
Stddev	.00014	.019	.00076	.16230	.31110
%RSD	.07865	.3168	58.510	3.6308	1.4923

#1	.17897	5.962	-.00183	-4.5849	-20.627
#2	.17917	5.935	-.00076	-4.3553	-21.067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4079.4	51221.	5983.8	134.91	3816.9
Stddev	4.6	87.	10.9	.40	5.7
%RSD	.11312	.16930	.18163	.29683	.14989

#1	4076.2	51282.	5976.1	135.20	3812.9
#2	4082.7	51159.	5991.5	134.63	3821.0

Sample Name: J5860-01 Acquired: 11/9/2018 21:30:35 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-101(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01527	-.00304	.02611	.00641	.00232	71.023	.37669
Stddev	.00052	.00016	.00006	.00543	.00021	.907	.00156
%RSD	3.4217	5.2719	.22204	84.731	9.0780	1.2774	.41473

#1	.01564	-.00292	.02607	.01026	.00247	71.665	.37559
#2	.01490	-.00315	.02615	.00257	.00217	70.382	.37780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	-.00576	9.3810	.13845	.07817	.06134	157.30
Stddev	.00006	.00011	.0051	.00116	.00010	.00003	.51
%RSD	1.8945	1.8851	.05477	.83658	.12763	.04480	.32406

#1	.00325	-.00584	9.3846	.13763	.07824	.06132	157.66
#2	.00334	-.00569	9.3774	.13927	.07810	.06136	156.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0659	31.316	.33462	-.00628	1.8891	.21902	.24387
Stddev	.0246	.050	.00014	.00014	.0036	.00085	.00047
%RSD	.80146	.16068	.04323	2.2812	.19125	.38763	.19113

#1	3.0833	31.280	.33472	-.00638	1.8866	.21842	.24354
#2	3.0485	31.352	.33451	-.00618	1.8917	.21962	.24420

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8998	.00155	.13848	1.0124	4.6732	.00776	1.9704
Stddev	.0330	.00004	.00375	.0081	.0349	.00049	.0011
%RSD	.47870	2.5598	2.7113	.80187	.74732	6.3361	.05558

#1	6.8765	.00158	.14113	1.0181	4.6979	.00741	1.9712
#2	6.9232	.00153	.13582	1.0067	4.6485	.00811	1.9696

Sample Name: J5860-01 Acquired: 11/9/2018 21:30:35 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-101(1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08090	4.401	-.11429	<.00000	F<.00000
Stddev	.00082	.002	.00070	.29516	.43721
%RSD	1.0144	.0331	.61559	11.054	3.5453

#1	.08148	4.400	-.11479	-2.4614	-12.641
#2	.08032	4.402	-.11379	-2.8788	-12.023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4107.4	51663.	6007.3	137.66	3920.6
Stddev	7.9	498.	11.5	.09	7.0
%RSD	.19311	.96403	.19143	.06825	.17924

#1	4101.8	51311.	6015.4	137.59	3915.6
#2	4113.0	52015.	5999.1	137.72	3925.5

Sample Name: J5860-02 Acquired: 11/9/2018 21:34:30 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-102(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01745	-.00607	.02409	.01096	.00402	81.661	.25598
Stddev	.00022	.00041	.00287	.00232	.00058	4.933	.00473
%RSD	1.2526	6.8081	11.907	21.167	14.509	6.0408	1.8481

#1	.01760	-.00578	.02207	.01260	.00361	78.173	.25932
#2	.01730	-.00636	.02612	.00932	.00444	85.149	.25263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00340	-.00516	8.0164	.12647	.07168	.09245	147.60
Stddev	.00032	.00044	.1880	.00921	.00108	.00535	1.86
%RSD	9.4819	8.4965	2.3450	7.2862	1.5024	5.7858	1.2590

#1	.00317	-.00547	8.1493	.11995	.07091	.08866	148.91
#2	.00362	-.00485	7.8835	.13298	.07244	.09623	146.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6469	41.545	.39603	-.00438	.91831	.17787	.28502
Stddev	.2841	.585	.00780	.00156	.02250	.01103	.00368
%RSD	6.1139	1.4089	1.9694	35.555	2.4507	6.2026	1.2910

#1	4.4460	41.959	.39051	-.00328	.93422	.17007	.28763
#2	4.8478	41.131	.40154	-.00548	.90240	.18567	.28242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6450	.00110	.13122	1.0924	5.0727	.00762	2.3082
Stddev	.1752	.00026	.00089	.0137	.0195	.00035	.0410
%RSD	2.0272	23.713	.67913	1.2504	.38367	4.5417	1.7747

#1	8.7689	.00128	.13185	1.0828	5.0864	.00737	2.3371
#2	8.5211	.00091	.13059	1.1021	5.0589	.00786	2.2792

Sample Name: J5860-02 Acquired: 11/9/2018 21:34:30 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-102(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10182	3.736	-.12143	<.00000	F<.00000
Stddev	.00380	.061	.00145	1.0897	1.1921
%RSD	3.7346	1.647	1.1960	41.073	12.630

#1	.10451	3.692	-.12246	-3.4236	-8.5955
#2	.09913	3.779	-.12041	-1.8825	-10.281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4169.8	52452.	6021.3	135.13	3883.5
Stddev	62.4	3326.	97.3	1.88	73.6
%RSD	1.4953	6.3404	1.6156	1.3920	1.8941

#1	4213.9	54803.	5952.5	133.80	3935.5
#2	4125.7	50100.	6090.0	136.46	3831.5

Sample Name: J5860-03 Acquired: 11/9/2018 21:38:32 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-103(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01731	-.00726	.03624	.01199	.00429	80.151	.34739
Stddev	.00021	.00039	.00095	.00095	.00126	.237	.00338
%RSD	1.2403	5.4380	2.6291	7.8859	29.371	.29600	.97242

#1	.01715	-.00754	.03691	.01132	.00519	79.983	.34500
#2	.01746	-.00698	.03556	.01265	.00340	80.319	.34978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	-.00559	12.582	.18187	.08121	.08333	169.08
Stddev	.00008	.00036	.092	.00007	.00017	.00240	2.52
%RSD	2.1547	6.4055	.72906	.03596	.20835	2.8750	1.4913

#1	.00376	-.00533	12.517	.18182	.08133	.08502	167.30
#2	.00388	-.00584	12.647	.18191	.08109	.08163	170.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6055	40.713	.38691	-.00416	1.3885	.22068	.36044
Stddev	.0069	.275	.00189	.00021	.0069	.00259	.00550
%RSD	.15041	.67458	.48734	4.9847	.49348	1.1723	1.5257

#1	4.6104	40.519	.38825	-.00402	1.3837	.21885	.35655
#2	4.6006	40.908	.38558	-.00431	1.3934	.22250	.36433

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.246	.00136	.16598	.40126	4.8704	.00822	3.0303
Stddev	.009	.00039	.00157	.00417	.0249	.00010	.0103
%RSD	.07603	28.396	.94813	1.0381	.51076	1.1741	.33978

#1	11.240	.00164	.16709	.40421	4.8528	.00815	3.0230
#2	11.252	.00109	.16486	.39832	4.8880	.00829	3.0376

Sample Name: J5860-03 Acquired: 11/9/2018 21:38:32 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-103(1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10749	4.018	-.10676	<.00000	F<.00000
Stddev	.00057	.014	.00266	.13144	.83267
%RSD	.52930	.3528	2.4921	3.2686	5.7033

#1	.10790	4.028	-.10488	-3.9285	-14.011
#2	.10709	4.008	-.10865	-4.1144	-15.189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4412.8	55733.	6460.6	136.03	3877.4
Stddev	2.0	20.	27.6	1.97	2.5
%RSD	.04544	.03648	.42701	1.4496	.06556

#1	4414.2	55718.	6480.1	137.43	3879.2
#2	4411.4	55747.	6441.1	134.64	3875.6

Sample Name: J5860-04 Acquired: 11/9/2018 21:42:34 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-104(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01460	-.00611	.02259	.01207	.00465	80.814	.33568
Stddev	.00173	.00019	.00041	.00618	.00134	.070	.00137
%RSD	11.854	3.0813	1.7935	51.189	28.754	.08688	.40952

#1	.01582	-.00598	.02230	.00770	.00560	80.764	.33471
#2	.01337	-.00625	.02288	.01644	.00371	80.864	.33665

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	-.00627	9.9634	.14833	.07840	.05792	173.44
Stddev	.00002	.00012	.0371	.00125	.00013	.00059	.16
%RSD	.47813	1.9623	.37213	.84593	.16020	1.0115	.09014

#1	.00401	-.00619	9.9372	.14744	.07849	.05833	173.55
#2	.00404	-.00636	9.9897	.14921	.07832	.05751	173.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1754	37.053	.34734	-.00494	1.0994	.21370	.42517
Stddev	.0081	.162	.00249	.00031	.0110	.00148	.00044
%RSD	.15650	.43699	.71605	6.3107	1.0009	.69047	.10363

#1	5.1697	36.939	.34909	-.00516	1.0916	.21266	.42549
#2	5.1811	37.168	.34558	-.00472	1.1071	.21474	.42486

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7996	.00243	.15277	.84869	3.9798	.00771	2.6664
Stddev	.0567	.00016	.00143	.00159	.0176	.00038	.0069
%RSD	.64386	6.6470	.93289	.18726	.44164	4.9250	.26073

#1	8.7595	.00231	.15176	.84981	3.9674	.00798	2.6615
#2	8.8397	.00254	.15378	.84757	3.9923	.00744	2.6713

Sample Name: J5860-04 Acquired: 11/9/2018 21:42:34 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-104(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11063	3.627	-.11254	<.00000	F<.00000
Stddev	.00121	.023	.00055	.24627	.71925
%RSD	1.0957	.6339	.48700	7.6361	4.9937

#1	.10978	3.644	-.11293	-3.0509	-14.912
#2	.11149	3.611	-.11215	-3.3991	-13.895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4190.1	52782.	6109.1	134.42	3899.5
Stddev	6.8	122.	10.6	.07	1.4
%RSD	.16300	.23158	.17309	.05281	.03471

#1	4194.9	52696.	6116.6	134.37	3900.5
#2	4185.3	52869.	6101.6	134.47	3898.6

Sample Name: J5860-04DUP Acquired: 11/9/2018 21:46:36 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-104(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01481	-.00660	.02141	.01110	.00391	80.745	.33726
Stddev	.00038	.00112	.00170	.00079	.00024	.298	.00314
%RSD	2.5508	16.930	7.9350	7.0700	6.1648	.36938	.92972

#1	.01454	-.00581	.02021	.01166	.00374	80.534	.33947
#2	.01508	-.00739	.02261	.01055	.00409	80.956	.33504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00390	-.00658	10.073	.14689	.07818	.05557	174.41
Stddev	.00010	.00023	.129	.00166	.00024	.00133	1.60
%RSD	2.6212	3.4954	1.2852	1.1316	.30765	2.3904	.91780

#1	.00397	-.00674	10.164	.14806	.07835	.05463	175.55
#2	.00383	-.00642	9.9813	.14571	.07801	.05651	173.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1809	37.127	.34683	-.00487	1.0906	.21181	.42760
Stddev	.0211	.502	.00052	.00031	.0322	.00191	.00360
%RSD	.40795	1.3511	.14939	6.2867	2.9503	.90141	.84106

#1	5.1659	37.481	.34719	-.00465	1.1133	.21316	.43014
#2	5.1958	36.772	.34646	-.00509	1.0678	.21046	.42506

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8423	.00249	.15378	.85119	3.8617	.00825	2.6609
Stddev	.0489	.00020	.00621	.00013	.1092	.00014	.0402
%RSD	.55252	8.0799	4.0408	.01541	2.8268	1.6433	1.5102

#1	8.8769	.00263	.14938	.85110	3.9389	.00816	2.6893
#2	8.8078	.00235	.15817	.85128	3.7845	.00835	2.6325

Sample Name: J5860-04DUP Acquired: 11/9/2018 21:46:36 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-104(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11272	3.622	-.11368	<.00000	F<.00000
Stddev	.00096	.015	.00101	.25327	.68088
%RSD	.84976	.4102	.88509	7.3425	4.3341

#1	.11205	3.632	-.11440	-3.6284	-15.229
#2	.11340	3.611	-.11297	-3.2702	-16.191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4195.8	52865.	6095.3	133.71	3901.1
Stddev	.6	16.	68.3	1.22	4.0
%RSD	.01478	.02957	1.1208	.90875	.10157

#1	4196.3	52876.	6047.0	132.85	3898.3
#2	4195.4	52854.	6143.7	134.57	3903.9

Sample Name: J5860-04LX5 Acquired: 11/9/2018 21:50:37 Type: Unk
Method: P4-ICP2(v2560) 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	.00588	-.00125	.00393	.00306	.00061	17.714	.07267	.00082
Stddev	.00244	.00140	.00096	.00106	.00095	.210	.00253	.00003
%RSD	41.482	111.72	24.335	34.724	155.23	1.1860	3.4795	3.9576

#1	.00416	-.00224	.00460	.00231	-.00006	17.566	.07088	.00084
#2	.00761	-.00026	.00325	.00381	.00128	17.863	.07446	.00080

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	2.3215	.03353	.01550	.01629	34.661	1.1550	8.4395
Stddev	.00019	.0514	.00073	.00005	.00046	.986	.0078	.2459
%RSD	12.992	2.2143	2.1701	.32652	2.8254	2.8448	.67522	2.9132

#1	-.00130	2.2852	.03301	.01546	.01661	33.964	1.1495	8.2657
#2	-.00157	2.3579	.03404	.01553	.01596	35.358	1.1605	8.6133

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06938	-.00168	.19803	.04724	.08513	1.9691	.00034	.03271
Stddev	.00111	.00022	.00079	.00081	.00181	.0225	.00033	.00921
%RSD	1.6044	13.104	.39862	1.7170	2.1288	1.1419	97.697	28.164

#1	.06859	-.00183	.19747	.04667	.08385	1.9532	.00011	.03923
#2	.07016	-.00152	.19859	.04781	.08641	1.9850	.00057	.02620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16567	.94297	.00059	.59004	.02327	.7027	-.02076	1.2217
Stddev	.00167	.00408	.00071	.02040	.00003	.0006	.00053	.2899
%RSD	1.0085	.43239	120.50	3.4574	.12361	.0913	2.5471	23.726

#1	.16449	.94008	.00109	.57561	.02325	.7023	-.02038	1.0168
#2	.16685	.94585	.00009	.60446	.02329	.7032	-.02113	1.4267

Sample Name: J5860-04LX5 Acquired: 11/9/2018 21:50:37 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.7066
Stddev	.5616
%RSD	6.4499

#1	9.1037
#2	8.3095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3959.7	48882.	5602.3	136.61	4177.9
Stddev	15.7	327.	123.2	2.63	18.2
%RSD	.39611	.66926	2.1994	1.9282	.43630

#1	3970.8	49113.	5689.4	138.47	4190.8
#2	3948.6	48651.	5515.2	134.75	4165.0

Sample Name: J5860-05 Acquired: 11/9/2018 21:54:39 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5860-04MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72480	2.0791	.99866	1.8456	.29348	87.547	.52123
Stddev	.00411	.0052	.00372	.0035	.00343	.407	.00168
%RSD	.56682	.25106	.37278	.18801	1.1685	.46474	.32327

#1	.72189	2.0754	.99603	1.8431	.29106	87.835	.52004
#2	.72770	2.0828	1.0013	1.8480	.29591	87.259	.52242

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18817	.19193	11.466	.53242	.27784	.34246	176.14
Stddev	.00015	.00065	.112	.00148	.00132	.00146	1.70
%RSD	.07838	.33674	.97503	.27808	.47659	.42534	.96707

#1	.18807	.19147	11.387	.53138	.27690	.34143	174.94
#2	.18828	.19239	11.546	.53347	.27877	.34349	177.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9119	40.572	.86551	.06069	4.2125	.50241	.48358
Stddev	.0165	.029	.00383	.00135	.0013	.00173	.00543
%RSD	.33612	.07037	.44288	2.2222	.02973	.34350	1.1232

#1	4.9236	40.552	.86280	.05974	4.2116	.50119	.47974
#2	4.9003	40.592	.86823	.06165	4.2134	.50363	.48742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.777	.37970	.44219	.95426	4.3003	.69363	3.0504
Stddev	.063	.00178	.00004	.00593	.0103	.00390	.0109
%RSD	.33459	.46927	.00881	.62142	.23842	.56271	.35856

#1	18.733	.37844	.44216	.95845	4.2931	.69087	3.0427
#2	18.822	.38096	.44221	.95006	4.3076	.69639	3.0582

Sample Name: J5860-05 Acquired: 11/9/2018 21:54:39 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5860-04MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32873	9.869	.08602	<.00000	F<.00000
Stddev	.00045	.027	.00125	.09395	1.3932
%RSD	.13707	.2765	1.4515	2.6427	7.7956

#1	.32905	9.850	.08691	-3.4885	-18.857
#2	.32841	9.888	.08514	-3.6214	-16.887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4167.7	52611.	6042.5	136.00	3863.1
Stddev	4.0	164.	19.2	1.52	.1
%RSD	.09697	.31152	.31737	1.1208	.00356

#1	4170.5	52496.	6056.1	137.08	3863.2
#2	4164.8	52727.	6029.0	134.92	3863.0

Sample Name: J5860-06 Acquired: 11/9/2018 21:58:33 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5860-04MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72786	2.0911	1.0008	1.8457	.29222	87.476	.52660
Stddev	.00583	.0034	.0032	.0000	.00021	.461	.00190
%RSD	.80049	.16516	.32348	.00211	.07076	.52714	.36150

#1	.73198	2.0887	.99846	1.8458	.29207	87.802	.52525
#2	.72374	2.0935	1.0030	1.8457	.29237	87.150	.52795

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18796	.19301	11.557	.53283	.27860	.34311	176.98
Stddev	.00043	.00049	.022	.00083	.00087	.00002	.19
%RSD	.22748	.25193	.18844	.15528	.31353	.00564	.10925

#1	.18766	.19267	11.572	.53224	.27798	.34312	177.11
#2	.18826	.19336	11.542	.53341	.27921	.34309	176.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9284	41.072	.86884	.06191	4.2777	.50392	.48439
Stddev	.0073	.165	.00103	.00064	.0044	.00069	.00079
%RSD	.14905	.40223	.11871	1.0329	.10280	.13757	.16250

#1	4.9232	40.955	.86811	.06236	4.2808	.50441	.48495
#2	4.9335	41.189	.86957	.06146	4.2746	.50343	.48384

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.971	.38027	.44431	.95921	4.1909	.69616	3.0740
Stddev	.067	.00038	.00521	.00327	.0495	.00087	.0207
%RSD	.35313	.09968	1.1718	.34065	1.1808	.12507	.67416

#1	18.924	.38000	.44063	.95690	4.1559	.69555	3.0593
#2	19.018	.38054	.44799	.96152	4.2259	.69678	3.0886

Sample Name: J5860-06 Acquired: 11/9/2018 21:58:33 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5860-04MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32925	9.895	.08870	<.00000	F<.00000
Stddev	.00008	.014	.00104	.14500	1.4846
%RSD	.02428	.1437	1.1677	4.1701	8.1552

#1	.32920	9.885	.08797	-3.5796	-17.154
#2	.32931	9.905	.08943	-3.3745	-19.254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4162.8	52442.	5974.2	135.93	3860.6
Stddev	6.1	270.	4.1	.27	2.4
%RSD	.14754	.51437	.06864	.19934	.06337

#1	4158.5	52251.	5977.1	135.74	3862.3
#2	4167.2	52633.	5971.3	136.12	3858.8

Sample Name: CCV11 Acquired: 11/9/2018 22:02:27 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14164 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7328	4.9793	4.6051	4.9356	4.8086	10.033	10.063	.24267
Stddev	.0101	.0099	.0011	.0104	.0111	.090	.045	.00065
%RSD	.21447	.19830	.02363	.21042	.23070	.89786	.45166	.26830
#1	4.7399	4.9863	4.6043	4.9429	4.8164	9.9695	10.095	.24313
#2	4.7256	4.9724	4.6059	4.9283	4.8007	10.097	10.031	.24221
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3528	25.563	.98777	2.3286	1.2447	5.1269	2.4182	23.612
Stddev	.0033	.092	.00079	.0045	.0022	.0627	.0023	.152
%RSD	.14009	.35928	.08010	.19230	.17655	1.2232	.09515	.64404
#1	2.3551	25.498	.98721	2.3318	1.2463	5.0826	2.4198	23.505
#2	2.3505	25.628	.98833	2.3255	1.2432	5.1713	2.4166	23.720
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4383	1.2198	25.793	2.5398	2.3694	25.453	4.7926	5.1791
Stddev	.0007	.0003	.136	.0009	.0233	.118	.0156	.0278
%RSD	.03009	.02220	.52837	.03431	.98200	.46429	.32470	.53591
#1	2.4388	1.2200	25.889	2.5404	2.3530	25.537	4.8036	5.1595
#2	2.4378	1.2196	25.697	2.5392	2.3859	25.370	4.7816	5.1987
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7241	4.9542	4.6838	4.8997	5.2366	4.901	5.0352	F 3.6589
Stddev	.0067	.0230	.0075	.0101	.0213	.006	.0137	.0332
%RSD	.14220	.46389	.15986	.20537	.40584	.1178	.27247	.90643
#1	4.7193	4.9704	4.6891	4.9068	5.2516	4.905	5.0449	3.6355
#2	4.7288	4.9379	4.6785	4.8926	5.2216	4.897	5.0255	3.6824

Sample Name: CCV11 Acquired: 11/9/2018 22:02:27 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14164 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7533
Stddev	.5793
%RSD	33.038

#1	2.1629
#2	1.3437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.0	46801.	5354.3	131.80	3829.9
Stddev	14.9	50.	34.9	1.17	10.2
%RSD	.39994	.10654	.65226	.88456	.26675

#1	3720.4	46765.	5329.6	132.62	3822.7
#2	3741.5	46836.	5379.0	130.98	3837.2

Sample Name: CCB11 Acquired: 11/9/2018 22:06:12 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14164 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	.00096	.00062	.00479	-.00022	.00360	.00057
Stddev	.00333	.00101	.00107	.00110	.00217	.00084	.00040
%RSD	191.48	104.83	171.33	22.982	980.36	23.292	69.735

#1	-.00062	.00025	.00138	.00557	-.00176	.00419	.00029
#2	.00410	.00167	-.00013	.00401	.00131	.00301	.00085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00009	-.01030	-.00067	-.00012	-.00095	-.00121
Stddev	.00003	.00001	.01020	.00020	.00009	.00023	.00124
%RSD	211.37	6.8368	99.038	29.282	77.702	24.087	102.93

#1	-.00001	.00008	-.00309	-.00081	-.00018	-.00079	-.00208
#2	.00004	.00009	-.01751	-.00053	-.00005	-.00111	-.00033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00237	.00066	.00055	-.05235	-.00055	-.00007
Stddev	.00002	.00156	.00035	.00010	.00462	.00007	.00007
%RSD	25.539	65.903	52.065	17.513	8.8306	13.535	95.331

#1	.00011	.00347	.00042	.00048	-.05562	-.00050	-.00002
#2	.00007	.00126	.00091	.00062	-.04908	-.00061	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03336	.00049	.00074	.00076	.00344	.00038	.00214
Stddev	.02097	.00016	.00528	.00089	.00013	.00032	.00136
%RSD	62.852	33.985	710.28	116.80	3.6678	83.236	63.383

#1	-.04819	.00060	-.00299	.00013	.00352	.00061	.00310
#2	-.01854	.00037	.00448	.00140	.00335	.00016	.00118

Sample Name: CCB11 Acquired: 11/9/2018 22:06:12 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14164 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.0040	.00016	F 1.9567	F<.00000
Stddev	.00008	.0006	.00001	.0828	.23387
%RSD	71.557	15.94	6.4330	4.2316	17.461

#1	.00018	.0045	.00016	2.0152	-1.1740
#2	.00006	.0036	.00015	1.8981	-1.5047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3888.7	48874.	5425.2	141.22	4358.4
Stddev	9.4	25.	63.8	.32	3.2
%RSD	.24079	.05114	1.1766	.22533	.07238

#1	3882.0	48856.	5380.1	141.44	4356.2
#2	3895.3	48891.	5470.4	140.99	4360.7

Sample Name: J5860-04A Acquired: 11/9/2018 22:10:17 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7676 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71572	2.0701	.98728	1.8294	.28774	86.653	.52071
Stddev	.00083	.0055	.00036	.0126	.00041	.519	.00127
%RSD	.11640	.26553	.03675	.68653	.14282	.59867	.24374

#1	.71631	2.0662	.98754	1.8383	.28803	86.286	.52161
#2	.71513	2.0740	.98702	1.8206	.28745	87.020	.51982

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18627	.19020	11.393	.52838	.27628	.33569	179.41
Stddev	.00086	.00007	.021	.00106	.00040	.00178	3.83
%RSD	.46353	.03637	.18291	.19996	.14398	.52933	2.1327

#1	.18689	.19015	11.379	.52912	.27656	.33444	182.11
#2	.18566	.19025	11.408	.52763	.27599	.33695	176.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8916	40.827	.85982	.06176	4.2389	.50142	.49285
Stddev	.0105	.010	.00065	.00037	.0034	.00145	.01168
%RSD	.21510	.02387	.07533	.60501	.07964	.28861	2.3709

#1	4.8990	40.834	.85937	.06150	4.2365	.50245	.50112
#2	4.8841	40.820	.86028	.06203	4.2413	.50040	.48459

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.840	.37620	.44921	.94220	4.1818	.68948	3.0494
Stddev	.050	.00015	.00194	.00436	.0788	.00220	.0026
%RSD	.26580	.03903	.43116	.46225	1.8844	.31956	.08483

#1	18.804	.37610	.44784	.93912	4.2375	.68792	3.0476
#2	18.875	.37631	.45058	.94528	4.1260	.69103	3.0512

Sample Name: J5860-04A Acquired: 11/9/2018 22:10:17 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7676 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32761	9.780	.08391	<.00000	F<.00000
Stddev	.00391	.008	.00320	.14573	.04340
%RSD	1.1949	.0808	3.8182	3.8756	.25275

#1	.32484	9.774	.08164	-3.6572	-17.142
#2	.33038	9.785	.08618	-3.8633	-17.203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4186.3	52684.	5996.1	133.02	3880.9
Stddev	14.2	158.	30.0	3.40	6.1
%RSD	.33956	.30071	.50104	2.5529	.15742

#1	4176.3	52572.	5974.9	130.62	3876.6
#2	4196.4	52796.	6017.4	135.42	3885.2

Sample Name: J5860-07 Acquired: 11/9/2018 22:14:11 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-107(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02369	-.00517	.02646	.00867	.00779	134.43	.31515
Stddev	.00490	.00118	.00105	.00085	.00061	.21	.00054
%RSD	20.675	22.836	3.9818	9.7602	7.8459	.15381	.17168

#1	.02023	-.00600	.02721	.00927	.00736	134.58	.31553
#2	.02715	-.00433	.02572	.00807	.00823	134.29	.31477

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	-.00868	7.4180	.23837	.08365	.01199	235.10
Stddev	.00011	.00023	.0114	.00092	.00054	.00208	1.93
%RSD	2.5384	2.6855	.15406	.38521	.64992	17.387	.81920

#1	.00433	-.00852	7.4099	.23772	.08404	.01346	233.74
#2	.00449	-.00885	7.4260	.23902	.08327	.01052	236.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2007	34.909	.26922	-.00920	.71271	.30087	.29369
Stddev	.0059	.010	.00224	.00025	.01431	.00060	.00019
%RSD	.13929	.02843	.83312	2.7368	2.0085	.19826	.06608

#1	4.2048	34.902	.27081	-.00937	.72283	.30044	.29355
#2	4.1965	34.916	.26764	-.00902	.70259	.30129	.29382

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7166	.00134	.20144	2.0311	6.9407	.00963	2.3923
Stddev	.0282	.00005	.00329	.0070	.0147	.00084	.0054
%RSD	.42039	3.6717	1.6332	.34402	.21146	8.7066	.22397

#1	6.7365	.00130	.19912	2.0360	6.9304	.00904	2.3961
#2	6.6966	.00137	.20377	2.0261	6.9511	.01023	2.3885

Sample Name: J5860-07 Acquired: 11/9/2018 22:14:11 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-107(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12116	4.656	-.20284	<.00000	F<.00000
Stddev	.00076	.023	.00225	.05169	1.6919
%RSD	.62745	.5018	1.1075	1.0334	6.0174

#1	.12170	4.673	-.20125	-4.9658	-29.313
#2	.12063	4.640	-.20443	-5.0390	-26.921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.1	50715.	5885.6	136.37	3861.4
Stddev	1.7	105.	27.0	.47	8.3
%RSD	.04227	.20794	.45790	.34470	.21505

#1	4050.3	50641.	5866.6	136.70	3855.5
#2	4047.9	50790.	5904.7	136.04	3867.3

Sample Name: J5860-08 Acquired: 11/9/2018 22:18:12 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-SB-112(1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01339	-.00542	.04208	.01722	.00474	88.924	.69290
Stddev	.00318	.00011	.00055	.00059	.00277	.191	.00269
%RSD	23.751	2.0275	1.3129	3.4097	58.405	.21477	.38794

#1	.01114	-.00550	.04169	.01681	.00670	89.059	.69481
#2	.01564	-.00535	.04247	.01764	.00278	88.789	.69100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	-.00647	11.108	.19472	.10564	.12067	193.90
Stddev	.00031	.00009	.079	.00301	.00018	.00009	.72
%RSD	7.0566	1.4670	.70813	1.5461	.17029	.07579	.37316

#1	.00461	-.00654	11.052	.19685	.10576	.12074	194.41
#2	.00417	-.00640	11.164	.19259	.10551	.12061	193.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4439	43.758	.53623	-.00432	1.5305	.25461	.33362
Stddev	.0749	.040	.00150	.00009	.0154	.00241	.00047
%RSD	.79292	.09227	.28062	2.1266	1.0084	.94805	.14068

#1	9.4969	43.729	.53730	-.00426	1.5414	.25632	.33329
#2	9.3910	43.786	.53517	-.00439	1.5196	.25291	.33395

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.114	.00028	.17498	1.3036	4.7019	.00851	2.7240
Stddev	.009	.00031	.00268	.0035	.0901	.00005	.0078
%RSD	.09223	111.04	1.5289	.26814	1.9167	.60666	.28619

#1	10.120	.00050	.17688	1.3060	4.6382	.00855	2.7295
#2	10.107	.00006	.17309	1.3011	4.7656	.00847	2.7185

Sample Name: J5860-08 Acquired: 11/9/2018 22:18:12 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-SB-112(1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11126	4.978	-.15746	<.00000	F<.00000
Stddev	.00194	.018	.00084	.56245	.89297
%RSD	1.7436	.3538	.53155	12.386	4.7030

#1	.10989	4.990	-.15806	-4.9388	-18.356
#2	.11264	4.965	-.15687	-4.1434	-19.619

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4394.4	55668.	6396.5	135.59	3868.8
Stddev	4.5	186.	7.8	.16	3.5
%RSD	.10149	.33338	.12119	.11483	.09156

#1	4391.3	55537.	6391.1	135.48	3866.3
#2	4397.6	55799.	6402.0	135.70	3871.3

Sample Name: J5860-09 Acquired: 11/9/2018 22:22:13 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-FD-01-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03037	-.00664	.06554	.01428	.00720	194.24	.58661
Stddev	.00291	.00335	.00266	.00251	.00000	.25	.00627
%RSD	9.5699	50.353	4.0596	17.563	.02606	.12660	1.0686

#1	.03242	-.00428	.06366	.01605	.00720	194.42	.59104
#2	.02831	-.00901	.06743	.01251	.00720	194.07	.58218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	-.01135	9.5935	.27414	.09935	-.05877	307.80
Stddev	.00003	.00101	.0496	.00169	.00057	.00796	10.57
%RSD	.50512	8.8932	.51710	.61748	.57711	13.548	3.4348

#1	.00577	-.01206	9.6286	.27534	.09975	-.06440	315.28
#2	.00573	-.01063	9.5584	.27294	.09894	-.05314	300.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5978	32.646	.22861	-.01061	.83149	.40723	.39185
Stddev	.0323	.215	.00025	.00094	.00348	.00238	.01284
%RSD	.57784	.65819	.10851	8.8961	.41794	.58399	3.2763

#1	5.6207	32.798	.22879	-.00994	.82903	.40891	.40093
#2	5.5749	32.495	.22844	-.01128	.83395	.40555	.38277

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1724	.00162	.27392	3.0234	4.3898	.01213	2.4498
Stddev	.0539	.00008	.01133	.0187	.0285	.00070	.0076
%RSD	.75099	4.7305	4.1360	.62029	.64808	5.7501	.31020

#1	7.2105	.00168	.28193	3.0367	4.4099	.01263	2.4551
#2	7.1344	.00157	.26591	3.0102	4.3697	.01164	2.4444

Sample Name: J5860-09 Acquired: 11/9/2018 22:22:13 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-FD-01-11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16081	5.589	-.25571	<.00000	F<.00000
Stddev	.00031	.035	.01101	.36698	1.8778
%RSD	.19454	.6307	4.3050	5.3253	3.6067

#1	.16103	5.614	-.26349	-7.1508	-53.391
#2	.16059	5.564	-.24793	-6.6318	-50.735

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4052.0	50677.	5873.0	133.81	3805.4
Stddev	4.7	187.	53.6	4.54	16.4
%RSD	.11686	.36934	.91195	3.3917	.42992

#1	4048.7	50545.	5835.1	130.60	3793.9
#2	4055.4	50810.	5910.9	137.02	3817.0

Sample Name: J5862-01 Acquired: 11/9/2018 22:26:17 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00704	.00130	.04689	.00470	.00119	3.3897	.07655	.00022
Stddev	.00227	.00110	.00166	.00233	.00054	.0077	.00128	.00008
%RSD	32.217	84.673	3.5368	49.535	45.257	.22725	1.6661	35.937

#1	.00865	.00208	.04572	.00635	.00157	3.3842	.07564	.00016
#2	.00544	.00052	.04806	.00305	.00081	3.3951	.07745	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	11.055	.02215	.00550	1.1653	16.226	.40717	2.3489
Stddev	.00006	.080	.00013	.00003	.0182	.183	.00036	.0337
%RSD	16.784	.72366	.56477	.51112	1.5647	1.1265	.08754	1.4335

#1	-.00041	10.999	.02206	.00552	1.1525	16.355	.40691	2.3251
#2	-.00032	11.112	.02224	.00548	1.1782	16.096	.40742	2.3728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01827	-.00066	.34734	.05248	.58878	.66264	.00496	.01082
Stddev	.00007	.00045	.00512	.00044	.00649	.00432	.00022	.00797
%RSD	.37315	67.930	1.4749	.83255	1.1025	.65143	4.5212	73.661

#1	.01822	-.00097	.35096	.05217	.59337	.66570	.00512	.00518
#2	.01832	-.00034	.34372	.05279	.58419	.65959	.00480	.01645

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89868	.12118	.00367	.11000	-.00165	.2806	.03975	1.8372
Stddev	.01472	.00341	.00032	.00023	.00009	.0052	.00039	.3272
%RSD	1.6379	2.8158	8.6406	.21107	5.1895	1.861	.97494	17.808

#1	.88828	.11876	.00345	.11016	-.00171	.2769	.03947	1.6059
#2	.90909	.12359	.00390	.10983	-.00159	.2843	.04002	2.0686

Sample Name: J5862-01 Acquired: 11/9/2018 22:26:17 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3368
 Stddev .0618
 %RSD 1.4248

#1 4.2931
 #2 4.3805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3902.6	49484.	5640.8	147.23	4339.5
Stddev	62.9	31.	19.9	1.52	75.7
%RSD	1.6115	.06329	.35299	1.0326	1.7443

#1	3947.0	49462.	5654.9	146.16	4393.1
#2	3858.1	49506.	5626.7	148.31	4286.0

Sample Name: J5863-01 Acquired: 11/9/2018 22:30:18 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05771	-.00099	.01334	.00840	.00340	38.789	.09246
Stddev	.00046	.00039	.00073	.00022	.00128	.101	.00117
%RSD	.79209	39.450	5.5036	2.6533	37.800	.26034	1.2637

#1	.05803	-.00072	.01386	.00855	.00431	38.717	.09329
#2	.05739	-.00127	.01282	.00824	.00249	38.860	.09164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00504	1.3091	.15992	.00346	-.02917	121.59
Stddev	.00015	.00016	.0098	.00160	.00009	.00143	1.53
%RSD	25.212	3.2527	.74731	1.0021	2.5302	4.9033	1.2590

#1	.00069	-.00492	1.3160	.15879	.00352	-.02816	120.50
#2	.00048	-.00515	1.3022	.16105	.00340	-.03018	122.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08407	1.3556	.01963	-.00585	.56249	.18469	.04207
Stddev	.00031	.0275	.00061	.00045	.00915	.00097	.00061
%RSD	.36633	2.0266	3.0942	7.7633	1.6274	.52605	1.4476

#1	.08385	1.3750	.02005	-.00553	.56896	.18400	.04164
#2	.08429	1.3362	.01920	-.00617	.55601	.18537	.04250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2102	.02897	.10221	.64781	5.9398	.00411	.36284
Stddev	.0684	.00044	.00108	.00985	.0893	.00033	.00232
%RSD	2.1311	1.5270	1.0562	1.5198	1.5034	8.1423	.63939

#1	3.1618	.02866	.10297	.64085	6.0029	.00388	.36448
#2	3.2585	.02928	.10145	.65477	5.8766	.00435	.36120

Sample Name: J5863-01 Acquired: 11/9/2018 22:30:18 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3263 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00494	.6573	-.11553	<.00000	F<.00000
Stddev	.00065	.0008	.00154	.56286	.25560
%RSD	13.084	.1198	1.3287	22.855	5.0501

#1	.00448	.6567	-.11444	-2.0647	-5.2420
#2	.00539	.6579	-.11662	-2.8607	-4.8805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4205.3	52731.	5963.7	139.89	4111.0
Stddev	6.3	235.	75.7	.88	1.1
%RSD	.14950	.44583	1.2688	.62934	.02733

#1	4200.9	52564.	5910.2	140.52	4110.2
#2	4209.8	52897.	6017.2	139.27	4111.8

Sample Name: J5864-01 Acquired: 11/9/2018 22:34:19 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OLDMANS-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04538	-.00251	.12114	.00989	.00683	51.148	.44277
Stddev	.00051	.00059	.00048	.00011	.00195	.066	.00382
%RSD	1.1329	23.392	.39544	1.1362	28.616	.12875	.86305

#1	.04574	-.00210	.12080	.00997	.00821	51.102	.44547
#2	.04501	-.00293	.12148	.00981	.00545	51.195	.44006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	-.00677	6.6690	.12855	.08105	-.05813	184.18
Stddev	.00012	.00003	.0420	.00087	.00007	.00041	.62
%RSD	3.2632	.42484	.62975	.67848	.08020	.70688	.33906

#1	.00368	-.00679	6.6987	.12794	.08109	-.05842	184.62
#2	.00351	-.00675	6.6393	.12917	.08100	-.05784	183.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8649	16.857	.13855	-.00697	.23255	.11231	1.1426
Stddev	.0098	.002	.00027	.00005	.00058	.00025	.0078
%RSD	.25253	.01283	.19214	.75802	.24916	.21868	.68172

#1	3.8580	16.858	.13837	-.00693	.23296	.11248	1.1481
#2	3.8718	16.855	.13874	-.00701	.23214	.11214	1.1371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9408	.00024	.16135	.61759	2.7185	.01100	.92090
Stddev	.0304	.00015	.00521	.00101	.0169	.00113	.00372
%RSD	.51202	61.795	3.2305	.16325	.62032	10.267	.40387

#1	5.9623	.00035	.15767	.61688	2.7305	.01020	.92353
#2	5.9193	.00014	.16504	.61830	2.7066	.01180	.91827

Sample Name: J5864-01 Acquired: 11/9/2018 22:34:19 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OLDMANS-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10722	3.869	-.13048	<.00000	F<.00000
Stddev	.00114	.015	.00027	.06181	.26276
%RSD	1.0676	.3959	.21054	1.4099	1.6597

#1	.10803	3.880	-.13067	-4.4274	-15.646
#2	.10641	3.858	-.13029	-4.3400	-16.018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4058.8	51197.	5867.0	136.26	4022.9
Stddev	11.0	12.	53.7	1.24	9.5
%RSD	.27108	.02269	.91472	.91175	.23641

#1	4051.1	51189.	5829.0	135.38	4016.2
#2	4066.6	51205.	5904.9	137.13	4029.7

Sample Name: J5864-02 Acquired: 11/9/2018 22:38:15 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OLDMANS-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04447	-.00361	.10332	.01227	.00512	55.731	.45592
Stddev	.00155	.00148	.00114	.00007	.00140	.022	.00020
%RSD	3.4966	40.925	1.1034	.58994	27.449	.04028	.04368

#1	.04557	-.00466	.10412	.01222	.00611	55.747	.45577
#2	.04337	-.00257	.10251	.01232	.00412	55.715	.45606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	-.00702	7.5634	.13597	.08571	-.05349	194.00
Stddev	.00007	.00024	.0117	.00179	.00003	.00064	.88
%RSD	1.6400	3.4041	.15401	1.3184	.03129	1.1896	.45149

#1	.00397	-.00685	7.5717	.13723	.08573	-.05304	193.38
#2	.00406	-.00719	7.5552	.13470	.08569	-.05394	194.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1344	18.134	.14955	-.00839	.34600	.11636	1.2312
Stddev	.0037	.084	.00043	.00100	.01207	.00110	.0013
%RSD	.08962	.46533	.29001	11.875	3.4885	.94680	.10715

#1	4.1318	18.074	.14924	-.00910	.35453	.11714	1.2322
#2	4.1370	18.194	.14986	-.00769	.33746	.11558	1.2303

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0476	-.00024	.16727	.66077	2.4226	.01080	.90325
Stddev	.0287	.00001	.00410	.00036	.0181	.00038	.00046
%RSD	.47413	5.9685	2.4511	.05421	.74745	3.5365	.05124

#1	6.0273	-.00023	.17017	.66103	2.4354	.01053	.90358
#2	6.0678	-.00025	.16437	.66052	2.4098	.01107	.90293

Sample Name: J5864-02 Acquired: 11/9/2018 22:38:15 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OLDMANS-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11394	4.241	-.13509	<.00000	F<.00000
Stddev	.00138	.002	.00126	.20090	.61931
%RSD	1.2076	.0419	.93223	4.1922	3.5150

#1	.11491	4.242	-.13420	-4.6501	-17.181
#2	.11297	4.239	-.13598	-4.9342	-18.057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.2	51305.	5862.4	136.70	3999.6
Stddev	10.1	88.	17.8	.25	1.7
%RSD	.24550	.17224	.30423	.18274	.04180

#1	4087.1	51243.	5849.8	136.52	3998.4
#2	4101.3	51368.	5875.0	136.88	4000.8

Sample Name: J5876-01 Acquired: 11/9/2018 22:42:11 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 48382-47191- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03700	-.00673	.26131	.01938	.00429	132.30	.69694
Stddev	.00323	.00035	.00196	.00215	.00118	.48	.00064
%RSD	8.7183	5.2438	.74940	11.107	27.452	.36343	.09173

#1	.03928	-.00698	.26270	.02090	.00346	132.64	.69649
#2	.03472	-.00648	.25993	.01786	.00512	131.96	.69739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00812	-.00653	18.326	.20868	.08232	.17764	199.39
Stddev	.00004	.00002	.060	.00108	.00108	.00211	.75
%RSD	.43942	.36216	.32981	.51536	1.3174	1.1866	.37751

#1	.00809	-.00655	18.283	.20792	.08309	.17913	198.86
#2	.00814	-.00652	18.369	.20944	.08155	.17615	199.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5590	39.854	.15879	-.00555	1.7831	.35949	1.1187
Stddev	.0004	.209	.00114	.00013	.0074	.00126	.0053
%RSD	.01706	.52433	.71675	2.4019	.41619	.35042	.46990

#1	2.5587	39.706	.15959	-.00564	1.7779	.35859	1.1150
#2	2.5593	40.001	.15798	-.00545	1.7883	.36038	1.1224

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.554	.00303	.19543	2.8454	4.0300	.01625	3.5812
Stddev	.032	.00018	.00203	.0363	.0394	.00034	.0060
%RSD	.21769	5.7755	1.0373	1.2754	.97688	2.0710	.16841

#1	14.576	.00291	.19400	2.8711	4.0578	.01649	3.5855
#2	14.531	.00316	.19686	2.8198	4.0022	.01601	3.5769

Sample Name: J5876-01 Acquired: 11/9/2018 22:42:11 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 48382-47191- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18288	5.308	-.12366	<.00000	F<.00000
Stddev	.00188	.022	.00111	.16263	.04803
%RSD	1.0289	.4133	.89554	5.1084	.23322

#1	.18421	5.323	-.12288	-3.2985	-20.561
#2	.18155	5.292	-.12445	-3.0685	-20.629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4426.9	55419.	6494.0	135.25	3830.2
Stddev	10.3	84.	27.7	.70	20.8
%RSD	.23343	.15158	.42628	.51873	.54406

#1	4419.6	55359.	6513.6	135.74	3815.5
#2	4434.2	55478.	6474.5	134.75	3845.0

Sample Name: J5861-01 Acquired: 11/9/2018 22:46:10 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	-.00109	.01180	.00593	.00097	.08176	.00806
Stddev	.00137	.00013	.00046	.00238	.00252	.00579	.00004
%RSD	56.029	12.108	3.9135	40.094	259.29	7.0794	.43772

#1	-.00341	-.00100	.01147	.00762	.00276	.08585	.00808
#2	-.00147	-.00119	.01212	.00425	-.00081	.07767	.00803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00036	.40321	.00038	.00017	.03034	.08248
Stddev	.00002	.00003	.00468	.00030	.00016	.00047	.00904
%RSD	13.958	6.9774	1.1599	77.698	96.104	1.5604	10.960

#1	-.00015	.00038	.40652	.00017	.00005	.03067	.08887
#2	-.00012	.00034	.39991	.00059	.00028	.03000	.07609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00756	.07288	.00142	-.00019	12.378	.00008	.06009
Stddev	.00001	.00741	.00031	.00002	.009	.00028	.00142
%RSD	.13052	10.164	21.682	8.9004	.07636	358.34	2.3615

#1	.00757	.06764	.00163	-.00021	12.372	-.00012	.05909
#2	.00755	.07812	.00120	-.00018	12.385	.00027	.06109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08261	.00050	.00034	.39746	4.4308	-.00038	.00406
Stddev	.01564	.00032	.00763	.00319	.0069	.00012	.00142
%RSD	18.935	64.763	2257.7	.80235	.15563	30.757	34.967

#1	.09367	.00027	.00574	.39520	4.4260	-.00046	.00507
#2	.07155	.00073	-.00506	.39971	4.4357	-.00029	.00306

Sample Name: J5861-01 Acquired: 11/9/2018 22:46:10 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-OIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.0345	.00143	1.6078	F<.00000
Stddev	.00238	.0016	.00015	.2682	.03376
%RSD	148.44	4.600	10.219	16.681	1.7960

#1	-.00008	.0334	.00154	1.4181	-1.9036
#2	.00329	.0356	.00133	1.7974	-1.8559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.6	49131.	5478.0	138.26	4277.1
Stddev	11.2	80.	15.7	2.12	18.9
%RSD	.29120	.16234	.28715	1.5338	.44251

#1	3847.7	49187.	5466.9	139.76	4263.7
#2	3863.5	49075.	5489.2	136.76	4290.5

Sample Name: CCV12 Acquired: 11/9/2018 22:50:15 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14166 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6369	4.9071	4.5126	4.8446	4.6850	9.7877	9.8295	.23778
Stddev	.0074	.0181	.0032	.0147	.0012	.0441	.0499	.00119
%RSD	.15912	.36806	.07094	.30260	.02531	.45080	.50743	.49840
#1	4.6316	4.8943	4.5149	4.8342	4.6842	9.7565	9.8647	.23862
#2	4.6421	4.9199	4.5104	4.8549	4.6859	9.8189	9.7942	.23694
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3176	24.915	.98090	2.2894	1.2247	5.0197	2.3768	23.165
Stddev	.0008	.118	.00189	.0005	.0015	.1145	.0076	.023
%RSD	.03454	.47315	.19306	.02362	.11971	2.2800	.32153	.10136
#1	2.3170	24.831	.98224	2.2898	1.2258	5.1006	2.3822	23.181
#2	2.3181	24.998	.97956	2.2890	1.2237	4.9388	2.3714	23.148
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4110	1.2114	25.480	2.5279	2.2953	24.931	4.7067	5.1021
Stddev	.0021	.0047	.157	.0118	.0446	.126	.0009	.0116
%RSD	.08596	.39088	.61603	.46591	1.9434	.50419	.02002	.22634
#1	2.4095	1.2148	25.591	2.5362	2.3268	25.019	4.7060	5.0939
#2	2.4124	1.2081	25.369	2.5196	2.2637	24.842	4.7073	5.1102
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6442	4.8485	4.6164	4.8073	5.1249	4.839	4.9360	F 3.1319
Stddev	.0163	.0095	.0007	.0120	.0144	.014	.0306	.0036
%RSD	.35036	.19642	.01497	.24946	.28087	.2810	.62031	.11452
#1	4.6327	4.8553	4.6159	4.8158	5.1351	4.830	4.9577	3.1293
#2	4.6557	4.8418	4.6169	4.7988	5.1147	4.849	4.9144	3.1344

Sample Name: CCV12 Acquired: 11/9/2018 22:50:15 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14166 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1494
Stddev	.2137
%RSD	18.596

#1	.99829
#2	1.3006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3791.3	47540.	5430.0	135.00	3879.3
Stddev	3.4	201.	24.2	2.46	4.7
%RSD	.09092	.42353	.44527	1.8211	.12125

#1	3793.8	47398.	5412.9	133.27	3882.6
#2	3788.9	47683.	5447.1	136.74	3875.9

Sample Name: CCB12 Acquired: 11/9/2018 22:54:00 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14166 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	.00240	-.00012	.00070	.00043	.00108	.00070
Stddev	.00219	.00004	.00041	.00023	.00273	.00569	.00012
%RSD	105.69	1.6244	340.55	31.980	637.74	525.00	16.784

#1	.00052	.00237	.00017	.00054	-.00150	-.00294	.00061
#2	.00362	.00243	-.00041	.00086	.00236	.00511	.00078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	.00589	-.00009	-.00011	-.00123	-.00206
Stddev	.00005	.00001	.00167	.00017	.00012	.00028	.00007
%RSD	144.66	44.318	28.459	184.06	114.53	22.875	3.3653

#1	.00007	-.00001	.00707	.00003	-.00002	-.00143	-.00201
#2	-.00000	-.00002	.00470	-.00021	-.00019	-.00103	-.00211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01077	.00040	-.00020	-.06221	-.00013	-.00004
Stddev	.00001	.01087	.00074	.00034	.00557	.00001	.00004
%RSD	15.874	100.94	185.48	174.73	8.9551	5.0213	87.546

#1	.00010	-.00308	.00092	-.00044	-.05827	-.00014	-.00002
#2	.00008	-.01846	-.00012	.00005	-.06615	-.00013	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02049	.00007	-.00178	-.00170	.00244	.00020	.00343
Stddev	.01403	.00005	.00332	.00271	.00156	.00078	.00022
%RSD	68.443	70.943	186.27	159.03	64.103	393.78	6.4708

#1	-.01057	.00003	.00056	.00021	.00133	.00075	.00359
#2	-.03041	.00010	-.00413	-.00361	.00354	-.00035	.00327

Sample Name: CCB12 Acquired: 11/9/2018 22:54:00 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14166 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.0046	.00011	F 1.7869	F<.00000
Stddev	.00077	.0005	.00011	.1125	.60187
%RSD	1398.7	10.50	96.108	6.2942	39.257

#1	.00049	.0043	.00004	1.7074	-1.9587
#2	-.00060	.0049	.00019	1.8664	-1.1076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.6	49040.	5380.1	138.02	4363.6
Stddev	11.5	108.	16.5	3.26	7.9
%RSD	.29364	.21942	.30623	2.3653	.18071

#1	3897.5	49116.	5368.4	140.33	4358.1
#2	3913.7	48964.	5391.7	135.71	4369.2

Sample Name: J5862-02 Acquired: 11/9/2018 22:58:06 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	-.00268	.00115	.00640	.00122	.03124	.13582	-.00009
Stddev	.00161	.00008	.00002	.00004	.00038	.00502	.00093	.00000
%RSD	57.544	2.8496	1.5098	.65650	31.135	16.080	.68626	.94747
#1	-.00166	-.00263	.00116	.00637	.00149	.02769	.13516	-.00009
#2	-.00394	-.00274	.00114	.00643	.00095	.03480	.13648	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	3.4697	.00065	-.00004	.03810	.07505	.05041	.61571
Stddev	.00001	.0212	.00091	.00024	.00024	.00673	.00011	.04803
%RSD	8.5176	.61133	139.59	658.15	.63324	8.9732	.21439	7.8006
#1	.00008	3.4547	.00001	.00013	.03792	.07029	.05033	.58174
#2	.00009	3.4847	.00130	-.00020	.03827	.07981	.05048	.64967
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	-.00066	425.37	.00055	.35660	.51634	.00023	.03653
Stddev	.00017	.00036	1.48	.00000	.00282	.04444	.00012	.00603
%RSD	4.7184	54.766	.34720	.49104	.78960	8.6068	51.467	16.503
#1	.00347	-.00092	426.41	.00055	.35859	.48492	.00015	.03226
#2	.00371	-.00041	424.33	.00055	.35461	.54777	.00031	.04079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25997	.08082	.00170	.00292	.01118	.0181	.01989	3.3117
Stddev	.00265	.00436	.00071	.00136	.00136	.0002	.00011	.0774
%RSD	1.0187	5.3996	42.045	46.361	12.187	.9185	.56153	2.3358
#1	.25810	.07773	.00220	.00388	.01021	.0182	.01997	3.2570
#2	.26185	.08390	.00119	.00197	.01214	.0180	.01981	3.3664

Sample Name: J5862-02 Acquired: 11/9/2018 22:58:06 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1059
 Stddev .0069
 %RSD .62254

#1 1.1011
 #2 1.1108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.3	44695.	5262.0	133.30	3696.4
Stddev	13.5	121.	16.4	1.75	22.0
%RSD	.37331	.27167	.31121	1.3129	.59466

#1	3594.8	44609.	5250.5	132.07	3680.9
#2	3613.8	44781.	5273.6	134.54	3712.0

Sample Name: J5863-03 Acquired: 11/9/2018 23:02:17 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	-.00285	.00148	.00326	.00041	.44587	.08477	-.00004
Stddev	.00129	.00092	.00046	.00383	.00035	.00236	.00024	.00001
%RSD	52.616	32.102	31.122	117.58	84.617	.52951	.27829	33.332

#1	.00338	-.00220	.00116	.00597	.00066	.44753	.08460	-.00005
#2	.00155	-.00350	.00181	.00055	.00017	.44420	.08493	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.88066	.00078	.00006	.00779	.03960	.01633	.20498
Stddev	.00009	.02285	.00038	.00001	.00011	.01417	.00011	.03178
%RSD	170.01	2.5951	48.037	21.358	1.4224	35.775	.68324	15.504

#1	.00001	.86450	.00052	.00005	.00771	.02958	.01641	.18251
#2	-.00011	.89682	.00105	.00007	.00787	.04961	.01626	.22745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	-.00049	427.63	.00006	.02682	.35658	.00019	.01514
Stddev	.00015	.00022	5.30	.00032	.00092	.03306	.00009	.00224
%RSD	4.0738	44.306	1.2393	545.07	3.4342	9.2710	50.454	14.765

#1	.00368	-.00034	431.38	-.00017	.02616	.37996	.00012	.01672
#2	.00347	-.00064	423.89	.00028	.02747	.33321	.00026	.01356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23368	.13977	.00145	.00328	.01272	.0074	.00480	2.6669
Stddev	.00072	.00080	.00055	.00061	.00049	.0002	.00001	.0835
%RSD	.30627	.57271	37.891	18.474	3.8664	3.225	.13834	3.1294

#1	.23418	.14034	.00106	.00370	.01237	.0076	.00480	2.6079
#2	.23317	.13921	.00183	.00285	.01307	.0072	.00479	2.7259

Sample Name: J5863-03 Acquired: 11/9/2018 23:02:17 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3155
Stddev	.0303
%RSD	2.3062

#1	1.3370
#2	1.2941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3722.6	46492.	5453.4	134.97	3716.5
Stddev	6.9	39.	59.5	3.59	7.8
%RSD	.18600	.08330	1.0915	2.6588	.20994

#1	3727.5	46520.	5411.3	137.51	3710.9
#2	3717.7	46465.	5495.5	132.43	3722.0

Sample Name: J5863-03DUP Acquired: 11/9/2018 23:06:29 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263DUP 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	-.00142	.00207	.00179	.00113	.43835	.08627	.00004
Stddev	.00276	.00029	.00041	.00111	.00099	.01268	.00034	.00006
%RSD	243.61	20.162	20.083	62.128	87.910	2.8929	.39505	160.74

#1	.00308	-.00163	.00236	.00258	.00183	.42939	.08651	-.00000
#2	-.00082	-.00122	.00177	.00100	.00043	.44732	.08603	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.87348	.00090	.00007	.00717	.03773	.01650	.20749
Stddev	.00007	.01381	.00023	.00021	.00026	.01225	.00006	.04741
%RSD	70.981	1.5810	25.350	297.53	3.6443	32.474	.36447	22.850

#1	-.00005	.86372	.00106	-.00008	.00698	.02907	.01654	.24102
#2	-.00014	.88325	.00074	.00022	.00735	.04640	.01645	.17397

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	-.00004	439.14	-.00004	.02710	.36715	.00018	.01101
Stddev	.00028	.00014	3.95	.00043	.00034	.02501	.00034	.00602
%RSD	7.4762	387.92	.89995	1082.4	1.2424	6.8127	186.82	54.654

#1	.00398	-.00013	441.93	.00026	.02734	.34947	-.00006	.01527
#2	.00358	.00006	436.34	-.00034	.02686	.38484	.00042	.00676

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24315	.14055	.00127	.00393	.01578	.0073	.00490	2.9275
Stddev	.00108	.00054	.00060	.00111	.00157	.0017	.00006	.2508
%RSD	.44531	.38558	47.151	28.283	9.9394	22.85	1.1647	8.5679

#1	.24392	.14016	.00169	.00315	.01467	.0061	.00494	3.1049
#2	.24239	.14093	.00085	.00472	.01689	.0084	.00486	2.7502

Sample Name: J5863-03DUP Acquired: 11/9/2018 23:06:29 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3263DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6825
 Stddev .3925
 %RSD 23.327

#1 1.4050
 #2 1.9601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3691.7	45878.	5391.8	134.13	3689.4
Stddev	16.8	50.	12.0	1.36	7.4
%RSD	.45593	.10987	.22199	1.0104	.19984

#1	3679.8	45842.	5383.4	133.18	3694.6
#2	3703.6	45914.	5400.3	135.09	3684.2

Sample Name: J5863-03LX5 Acquired: 11/9/2018 23:10:41 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7676 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	-.00069	-.00025	.00274	.00005	.10404	.01828	-.00000
Stddev	.00082	.00134	.00018	.00126	.00132	.00924	.00030	.00007
%RSD	25.208	193.22	74.166	46.040	2411.8	8.8856	1.6683	3096.8

#1	.00269	.00025	-.00012	.00185	-.00088	.09751	.01850	.00004
#2	.00385	-.00164	-.00038	.00363	.00099	.11058	.01807	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.16871	-.00020	-.00017	.00095	.00972	.00344	.02272
Stddev	.00007	.00106	.00046	.00009	.00038	.01467	.00006	.02685
%RSD	105.72	.62567	231.40	54.844	40.074	151.03	1.7690	118.19

#1	-.00012	.16946	.00013	-.00010	.00122	.02009	.00349	.04170
#2	-.00002	.16797	-.00052	-.00024	.00068	-.00066	.00340	.00373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00020	91.198	-.00020	.00563	.08199	.00010	.00007
Stddev	.00043	.00045	.362	.00032	.00024	.02872	.00004	.00371
%RSD	72.505	225.97	.39671	161.78	4.3474	35.025	34.875	5270.6

#1	.00090	.00012	91.454	-.00043	.00546	.06168	.00013	.00270
#2	.00029	-.00051	90.943	.00003	.00581	.10229	.00008	-.00256

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04274	.03025	.00005	.00191	.00588	.0054	.00104	2.1033
Stddev	.00347	.00323	.00046	.00084	.00027	.0001	.00014	.5411
%RSD	8.1096	10.674	928.16	44.160	4.6103	1.320	13.764	25.728

#1	.04519	.02796	.00038	.00131	.00607	.0055	.00114	1.7206
#2	.04029	.03253	-.00028	.00250	.00569	.0054	.00094	2.4859

Sample Name: J5863-03LX5 Acquired: 11/9/2018 23:10:41 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7676 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .44054
%RSD 117.81

#1 -.06244
#2 -.68546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.9	47928.	5394.2	137.17	4021.8
Stddev	2.9	42.	30.7	.25	10.7
%RSD	.07675	.08672	.56968	.18278	.26496

#1	3819.9	47899.	5372.5	136.99	4014.3
#2	3824.0	47958.	5416.0	137.35	4029.4

Sample Name: J5863-03MS Acquired: 11/9/2018 23:14:48 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263MS 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	.77458	1.9732	.93251	2.0327	.75747	2.4353	.28926	.19139	.19874
Stddev	.00259	.0109	.00477	.0125	.00585	.0027	.00017	.00021	.00121
%RSD	.33395	.55134	.51137	.61686	.77211	.11248	.06017	.10882	.61068

#1	.77276	1.9655	.92913	2.0238	.75333	2.4373	.28913	.19124	.19789
#2	.77641	1.9809	.93588	2.0415	.76160	2.4334	.28938	.19154	.19960

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8612	.41726	.19741	.30827	3.3286	.21524	2.0618	.52256	.07060
Stddev	.0214	.00045	.00146	.00164	.0119	.00082	.0638	.00339	.00030
%RSD	1.1511	.10789	.73986	.53140	.35827	.37865	3.0933	.64868	.42677

#1	1.8460	.41694	.19638	.30711	3.3202	.21582	2.0167	.52016	.07039
#2	1.8763	.41758	.19844	.30943	3.3370	.21467	2.1069	.52496	.07082

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	402.66	.32681	.21968	10.952	.40958	.34120	.21238	1.0340	.69624
Stddev	6.94	.00140	.00097	.105	.00215	.00606	.00117	.0127	.00525
%RSD	1.7245	.42854	.44184	.96258	.52424	1.7772	.55010	1.2295	.75344

#1	397.75	.32582	.21900	10.877	.40806	.33691	.21320	1.0250	.69253
#2	407.57	.32780	.22037	11.026	.41110	.34549	.21155	1.0430	.69995

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20769	.24050	6.138	.21086	2.8821	.88852
Stddev	.00028	.00346	.037	.00049	.0192	.00043
%RSD	.13313	1.4405	.6107	.23088	.66685	.04823

#1	.20788	.23805	6.112	.21052	2.8685	.88882
#2	.20749	.24295	6.165	.21121	2.8956	.88821

Sample Name: J5863-03MS Acquired: 11/9/2018 23:14:48 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263MS 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	3693.9	46293.	5291.9	130.57	3673.1
Stddev	5.1	3.	22.5	.08	4.6
%RSD	.13823	.00642	.42595	.05867	.12436
#1	3697.5	46295.	5307.8	130.52	3676.3
#2	3690.3	46291.	5276.0	130.63	3669.8

Sample Name: J5863-03MSD Acquired: 11/9/2018 23:18:45 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263MSD 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	.77451	1.9689	.93113	2.0321	.75699	2.4824	.29388	.19335	.19843
Stddev	.00001	.0013	.00137	.0039	.00079	.0109	.00162	.00014	.00008
%RSD	.00103	.06486	.14761	.19183	.10404	.44005	.55057	.07044	.04119

#1	.77450	1.9680	.93211	2.0348	.75755	2.4747	.29502	.19345	.19837
#2	.77451	1.9698	.93016	2.0293	.75643	2.4901	.29274	.19326	.19849

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9129	.42037	.19765	.30859	3.3406	.21689	2.1570	.52125	.07208
Stddev	.0137	.00033	.00068	.00053	.0313	.00006	.0307	.00092	.00019
%RSD	.71499	.07821	.34510	.17091	.93684	.02811	1.4226	.17732	.25754

#1	1.9226	.42013	.19717	.30896	3.3185	.21685	2.1787	.52190	.07221
#2	1.9032	.42060	.19813	.30822	3.3627	.21694	2.1353	.52060	.07195

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	401.92	.32984	.21887	11.048	.41240	.33677	.20492	1.0237	.69184
Stddev	2.24	.00030	.00070	.021	.00041	.00390	.00071	.0078	.00162
%RSD	.55799	.09132	.32162	.18806	.09860	1.1591	.34636	.75903	.23459

#1	400.33	.32963	.21838	11.033	.41268	.33953	.20442	1.0291	.69069
#2	403.50	.33006	.21937	11.062	.41211	.33401	.20543	1.0182	.69298

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21455	.24200	6.101	.21250	2.9239	.84189
Stddev	.00268	.00129	.009	.00014	.0403	.35413
%RSD	1.2488	.53316	.1509	.06528	1.3798	42.064

#1	.21644	.24291	6.095	.21260	2.9524	1.0923
#2	.21265	.24108	6.108	.21240	2.8954	.59148

Sample Name: J5863-03MSD Acquired: 11/9/2018 23:18:45 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3263MSD 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	3685.5	45990.	5297.4	131.10	3683.0
Stddev	8.4	24.	26.8	.00	8.6
%RSD	.22912	.05217	.50505	.00000	.23225
#1	3679.5	46007.	5278.5	131.10	3677.0
#2	3691.5	45973.	5316.3	131.10	3689.1

Sample Name: J5863-03A Acquired: 11/9/2018 23:22:43 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76908	1.9686	.92771	2.0222	.75347	2.4427	.29023	.19231	.19832
Stddev	.00517	.0018	.00222	.0095	.00066	.0006	.00190	.00080	.00021
%RSD	.67219	.08876	.23907	.47234	.08709	.02584	.65503	.41412	.10602
#1	.76542	1.9698	.92928	2.0155	.75300	2.4423	.29158	.19287	.19847
#2	.77274	1.9673	.92614	2.0290	.75393	2.4431	.28889	.19175	.19817
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8803	.41719	.19658	.30676	3.3047	.21595	2.1700	.51988	.07084
Stddev	.0015	.00022	.00002	.00070	.0260	.00045	.0172	.00001	.00025
%RSD	.07793	.05224	.00797	.22694	.78700	.20761	.79459	.00130	.35681
#1	1.8793	.41704	.19657	.30626	3.2863	.21564	2.1578	.51988	.07066
#2	1.8814	.41735	.19659	.30725	3.3231	.21627	2.1821	.51989	.07102
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	400.23	.32789	.21791	11.002	.40770	.33080	.21223	1.0344	.69149
Stddev	1.41	.00035	.00239	.080	.00189	.00119	.00135	.0112	.00114
%RSD	.35292	.10593	1.0952	.72378	.46382	.36001	.63655	1.0845	.16502
#1	399.23	.32813	.21622	11.058	.40637	.32996	.21128	1.0264	.69230
#2	401.23	.32764	.21959	10.945	.40904	.33164	.21319	1.0423	.69068
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21141	.24283	6.114	.21151	2.7304	1.2048			
Stddev	.00011	.00125	.010	.00104	.1171	.1777			
%RSD	.05223	.51303	.1638	.49158	4.2889	14.748			
#1	.21149	.24371	6.121	.21224	2.6476	1.0791			
#2	.21134	.24195	6.107	.21077	2.8132	1.3304			

Sample Name: J5863-03A Acquired: 11/9/2018 23:22:43 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.5	46023.	5274.0	131.04	3676.7
Stddev	4.7	82.	9.2	1.46	9.8
%RSD	.12823	.17910	.17405	1.1107	.26708
#1	3698.8	45965.	5280.5	132.07	3669.7
#2	3692.1	46081.	5267.5	130.01	3683.6

Sample Name: J5876-02 Acquired: 11/9/2018 23:26:41 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 48382-47191- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00778	-.00291	.30635	.00898	.00414	.31977	.52122	.00023
Stddev	.00095	.00051	.00070	.00045	.00206	.01019	.00019	.00004
%RSD	12.222	17.568	.23004	5.0488	49.802	3.1864	.03593	18.076

#1	.00846	-.00327	.30585	.00866	.00268	.32698	.52109	.00025
#2	.00711	-.00255	.30685	.00930	.00560	.31257	.52135	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	32.273	.00438	.00760	-.00244	10.609	.97632	2.6190
Stddev	.00013	.142	.00009	.00020	.00005	.083	.00058	.0471
%RSD	8.4816	.44058	1.9403	2.6845	2.1112	.77800	.05971	1.8001

#1	.00159	32.173	.00444	.00774	-.00240	10.551	.97591	2.6523
#2	.00141	32.374	.00432	.00746	-.00247	10.667	.97673	2.5856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02458	-.00063	470.15	.00547	.72172	1.0752	.00052	.03588
Stddev	.00086	.00069	4.28	.00016	.00922	.0211	.00003	.00400
%RSD	3.4806	108.87	.90956	2.9751	1.2770	1.9633	4.8171	11.153

#1	.02398	-.00112	467.13	.00535	.71521	1.0603	.00051	.03306
#2	.02519	-.00015	473.17	.00558	.72824	1.0902	.00054	.03871

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45275	.54575	.00230	.00518	.02099	.0207	.12184	4.2494
Stddev	.00063	.00265	.00049	.00077	.00207	.0003	.00038	.1654
%RSD	.13969	.48610	21.446	14.945	9.8548	1.327	.31352	3.8914

#1	.45230	.54387	.00195	.00464	.01953	.0205	.12211	4.3664
#2	.45319	.54762	.00265	.00573	.02246	.0209	.12157	4.1325

Sample Name: J5876-02 Acquired: 11/9/2018 23:26:41 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 48382-47191- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4217
Stddev	.0568
%RSD	1.2844

#1	4.4619
#2	4.3816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3557.0	44290.	5137.3	127.81	3585.3
Stddev	1.2	69.	27.7	1.39	5.7
%RSD	.03508	.15545	.53861	1.0853	.15897

#1	3556.1	44241.	5156.8	128.79	3581.3
#2	3557.9	44339.	5117.7	126.83	3589.4

Sample Name: J5877-01 Acquired: 11/9/2018 23:30:49 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-1106-S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00388	.01302	.00848	.00160	.19622	.12674	.00016
Stddev	.00241	.00049	.00085	.00061	.00024	.01981	.00072	.00006
%RSD	141.87	12.733	6.5065	7.1955	14.922	10.098	.56437	40.887

#1	-.00001	-.00353	.01362	.00805	.00177	.18220	.12624	.00020
#2	.00340	-.00423	.01242	.00892	.00143	.21023	.12725	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	6.8946	.00123	.01927	.00668	.83309	.86046	3.4784
Stddev	.00005	.0540	.00001	.00027	.00043	.02265	.00111	.0531
%RSD	148.25	.78321	.82505	1.4005	6.3740	2.7182	.12940	1.5264

#1	.00000	6.8564	.00123	.01946	.00638	.84911	.86125	3.4409
#2	-.00007	6.9327	.00124	.01908	.00699	.81708	.85967	3.5160

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07594	-.00067	472.50	.00025	.04135	1.0020	.00024	.01595
Stddev	.00026	.00032	.67	.00012	.00129	.0253	.00023	.00533
%RSD	.34352	46.951	.14096	49.424	3.1313	2.5195	96.112	33.443

#1	.07575	-.00090	472.97	.00016	.04227	.98416	.00008	.01218
#2	.07612	-.00045	472.03	.00033	.04044	1.0199	.00040	.01972

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24557	.55183	.00124	.00649	.02033	.0140	.04585	3.6212
Stddev	.00652	.00181	.00016	.00165	.00074	.0013	.00011	.1712
%RSD	2.6565	.32856	12.668	25.356	3.6492	9.057	.23442	4.7285

#1	.25018	.55311	.00135	.00533	.01981	.0149	.04577	3.5001
#2	.24096	.55054	.00113	.00765	.02086	.0131	.04593	3.7423

Sample Name: J5877-01 Acquired: 11/9/2018 23:30:49 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-1106-S- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2203
 Stddev .4763
 %RSD 21.451

#1 2.5571
 #2 1.8835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.6	44466.	5181.2	131.45	3647.7
Stddev	1.6	103.	5.1	3.98	4.5
%RSD	.04369	.23067	.09770	3.0303	.12372

#1	3597.7	44393.	5177.6	128.63	3644.5
#2	3595.5	44538.	5184.8	134.27	3650.9

Sample Name: J5884-04 Acquired: 11/9/2018 23:34:59 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01136	-.00321	-.00153	.00504	.00112	.27768	.36301	-.00008
Stddev	.00085	.00155	.00008	.00225	.00254	.00868	.00235	.00002
%RSD	7.5203	48.306	5.2638	44.526	227.04	3.1262	.64704	25.277

#1	.01196	-.00211	-.00148	.00346	.00291	.28382	.36135	-.00006
#2	.01075	-.00430	-.00159	.00663	-.00068	.27154	.36467	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	10.783	-.00075	.01024	-.00928	19.980	.96853	1.6542
Stddev	.00000	.128	.00017	.00024	.00035	.056	.00176	.0806
%RSD	.38894	1.1843	22.760	2.3840	3.7957	.28111	.18176	4.8720

#1	-.00109	10.692	-.00063	.01006	-.00953	20.020	.96978	1.5972
#2	-.00109	10.873	-.00087	.01041	-.00903	19.940	.96729	1.7112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00190	409.20	.00558	.01519	.42289	.00004	.03082
Stddev	.00011	.00025	1.51	.00047	.00010	.01600	.00030	.00479
%RSD	8.5898	13.402	.36905	8.4831	.62864	3.7846	722.63	15.559

#1	.00118	-.00172	408.13	.00591	.01526	.41157	-.00017	.02743
#2	.00133	-.00208	410.26	.00524	.01512	.43421	.00025	.03421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09312	.92986	.00128	.00805	.01866	.0485	.01290	3.3292
Stddev	.00062	.00267	.00002	.00058	.00187	.0013	.00004	.2021
%RSD	.66325	.28764	1.6165	7.2229	10.010	2.649	.29793	6.0700

#1	.09355	.93175	.00127	.00846	.01734	.0494	.01287	3.1863
#2	.09268	.92797	.00130	.00764	.01998	.0475	.01292	3.4721

Sample Name: J5884-04 Acquired: 11/9/2018 23:34:59 Type: Unk
Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3939
Stddev .1350
%RSD 2.1117

#1 6.2984
#2 6.4894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.1	44551.	5131.4	129.61	3658.5
Stddev	15.3	102.	18.3	1.17	17.0
%RSD	.42418	.22936	.35690	.90471	.46471

#1	3586.3	44479.	5118.5	128.78	3646.5
#2	3607.9	44623.	5144.4	130.44	3670.5

Sample Name: CCV13 Acquired: 11/9/2018 23:39:09 Type: Unk
Method: P4-ICP2(v2560) 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	4.7227	5.0330	4.5883	4.9360	4.7432	9.8388	10.068	.24225
Stddev	.0137	.0045	.0137	.0054	.0077	.0266	.026	.00039
%RSD	.29008	.08850	.29902	.10980	.16219	.27075	.26207	.15901
#1	4.7130	5.0362	4.5980	4.9399	4.7486	9.8577	10.087	.24198
#2	4.7323	5.0299	4.5786	4.9322	4.7378	9.8200	10.050	.24252
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3720	25.618	1.0091	2.3313	1.2549	5.2079	2.4265	23.899
Stddev	.0040	.273	.0026	.0045	.0009	.0713	.0045	.116
%RSD	.16958	1.0664	.25525	.19144	.07484	1.3691	.18484	.48706
#1	2.3749	25.425	1.0072	2.3344	1.2556	5.1575	2.4297	23.817
#2	2.3692	25.811	1.0109	2.3281	1.2542	5.2583	2.4233	23.982
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4799	1.2397	26.336	2.6148	2.3650	25.734	4.7850	5.2998
Stddev	.0051	.0028	.054	.0026	.0408	.040	.0009	.0048
%RSD	.20617	.22328	.20561	.09752	1.7229	.15590	.01869	.09014
#1	2.4835	1.2417	26.374	2.6166	2.3362	25.762	4.7856	5.3032
#2	2.4763	1.2378	26.298	2.6130	2.3938	25.705	4.7843	5.2964
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7230	5.0095	4.7363	4.9513	5.2966	4.974	5.0743	F 3.5631
Stddev	.0087	.0291	.0142	.0211	.0145	.010	.0207	.3516
%RSD	.18466	.58197	.29894	.42701	.27323	.1951	.40815	9.8671
#1	4.7292	4.9889	4.7463	4.9663	5.2864	4.967	5.0889	3.8117
#2	4.7169	5.0301	4.7263	4.9364	5.3069	4.981	5.0596	3.3145

Sample Name: CCV13 Acquired: 11/9/2018 23:39:09 Type: Unk
 Method: P4-ICP2(v2560) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.5748
 Stddev .1671
 %RSD 10.611

#1 1.6930
 #2 1.4567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.3	46688.	5253.3	130.98	3813.9
Stddev	10.2	247.	9.0	1.98	15.8
%RSD	.27322	.52921	.17165	1.5092	.41523

#1	3741.0	46513.	5259.7	132.38	3802.7
#2	3755.5	46863.	5247.0	129.59	3825.1

Sample Name: CCB13 Acquired: 11/9/2018 23:42:54 Type: Unk
Method: P4-ICP2(v2560) 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	.00332	.00075	.00024	.00346	.00099	.00648	.00095
Stddev	.00133	.00001	.00068	.00103	.00104	.00384	.00046
%RSD	39.979	1.5224	279.71	29.741	104.67	59.310	47.999

#1	.00238	.00074	-.00024	.00419	.00026	.00376	.00063
#2	.00426	.00075	.00073	.00273	.00173	.00920	.00127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00009	.00498	-.00039	-.00001	-.00119	-.00596
Stddev	.00000	.00001	.00061	.00005	.00008	.00063	.00046
%RSD	1.3904	12.511	12.151	13.245	1039.8	52.995	7.7834

#1	.00002	.00008	.00541	-.00042	-.00006	-.00164	-.00629
#2	.00002	.00010	.00456	-.00035	.00005	-.00075	-.00563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.02908	.00050	.00017	.16241	-.00005	-.00011
Stddev	.00001	.03689	.00025	.00036	.00098	.00022	.00007
%RSD	19.365	126.88	49.456	214.90	.60306	429.62	58.541

#1	.00005	-.00299	.00068	-.00009	.16310	-.00021	-.00007
#2	.00006	-.05516	.00033	.00042	.16171	.00011	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04763	.00042	.00608	-.00223	.00106	.00031	.00299
Stddev	.00196	.00035	.00383	.00300	.00100	.00080	.00020
%RSD	4.1098	83.771	63.066	134.41	94.208	255.87	6.6441

#1	-.04625	.00067	.00879	-.00011	.00177	.00088	.00285
#2	-.04902	.00017	.00337	-.00435	.00035	-.00025	.00313

Sample Name: CCB13 Acquired: 11/9/2018 23:42:54 Type: Unk
 Method: P4-ICP2(v2560) 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	.00330	.0033	.00013	F 2.1040	F<.00000
Stddev	.00036	.0002	.00012	.2299	.38162
%RSD	10.787	7.055	88.953	10.926	32.247

#1	.00304	.0031	.00022	2.2666	-1.4533
#2	.00355	.0034	.00005	1.9415	-.91359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.9	48934.	5291.7	136.91	4329.0
Stddev	3.4	117.	20.6	.12	2.0
%RSD	.08680	.24010	.38873	.08608	.04683

#1	3895.3	48851.	5306.2	136.99	4327.5
#2	3890.5	49017.	5277.1	136.83	4330.4