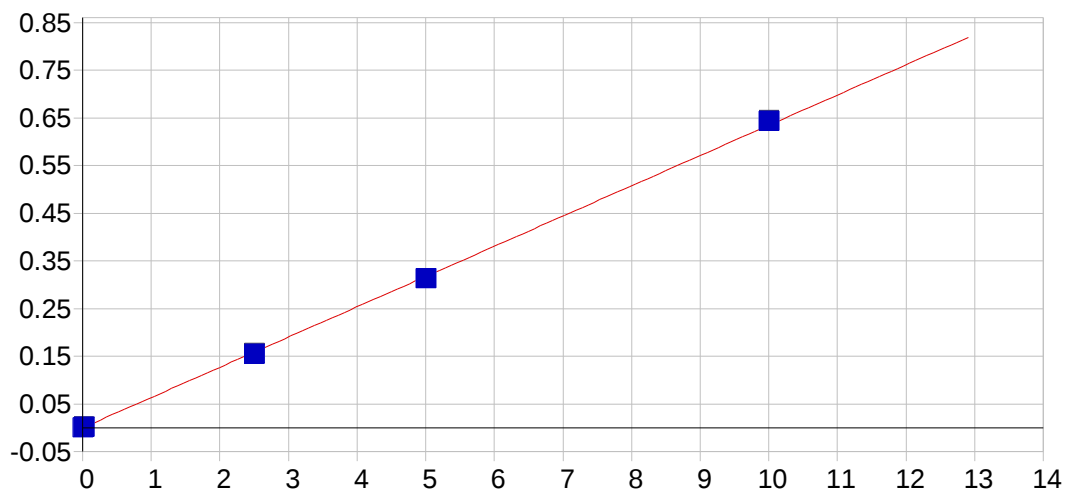


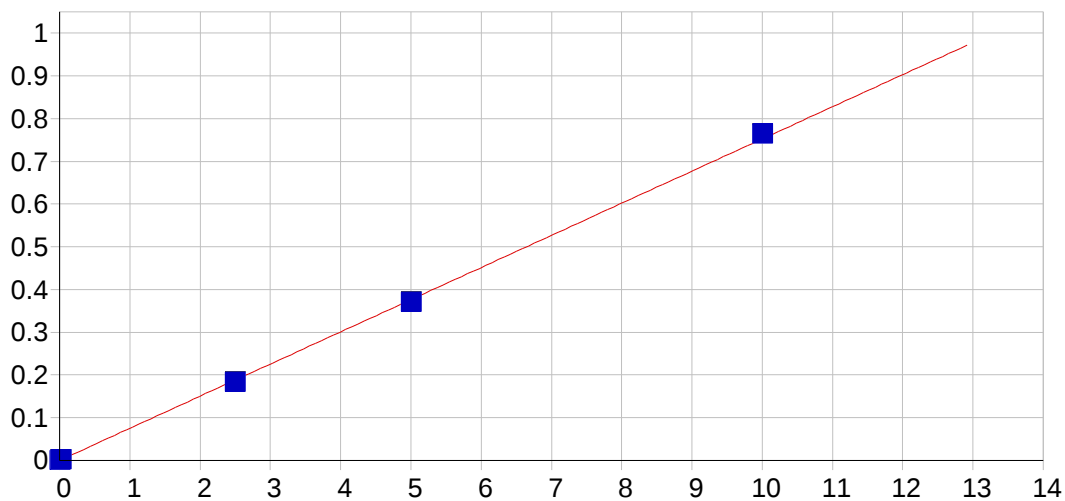


As 189.042 {478}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.063467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.003273
 Predicted MQL: 0.010909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.02000	.02001	.000	.029	.00114	.000	1
S3	2.5000	2.4310	-.069	-2.76	.15415	.001	1
S4	5.0000	4.9307	-.069	-1.39	.31279	.000	1
S5	10.000	10.138	.138	1.38	.64328	.000	1



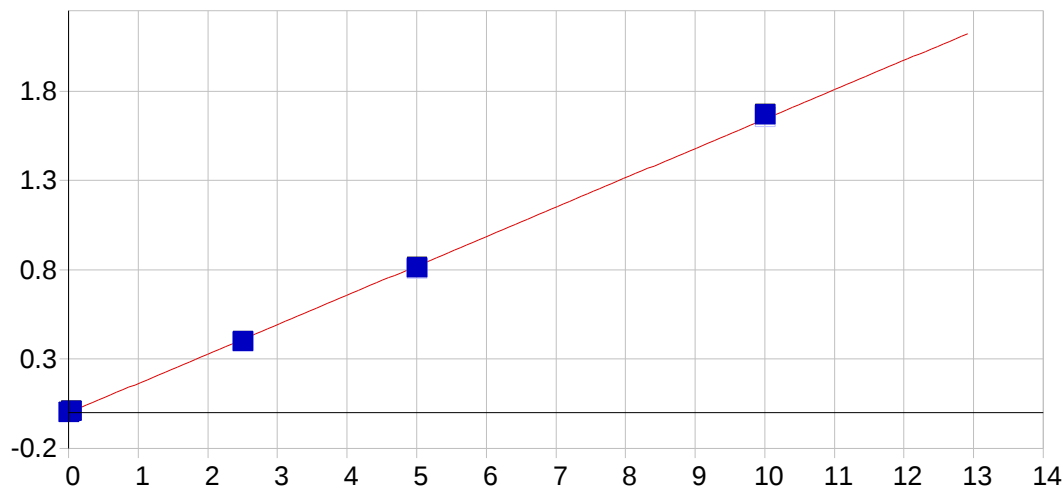
As 189.042 {479}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000048 Re-Slope: 1.000000

A1 (Gain): 0.075247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002290
 Predicted MQL: 0.007633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.02000	.02074	.001	3.72	.00161	.000	1
S3	2.5000	2.4289	-.071	-2.84	.18282	.001	1
S4	5.0000	4.9207	-.079	-1.59	.37032	.001	1
S5	10.000	10.150	.150	1.50	.76378	.000	1

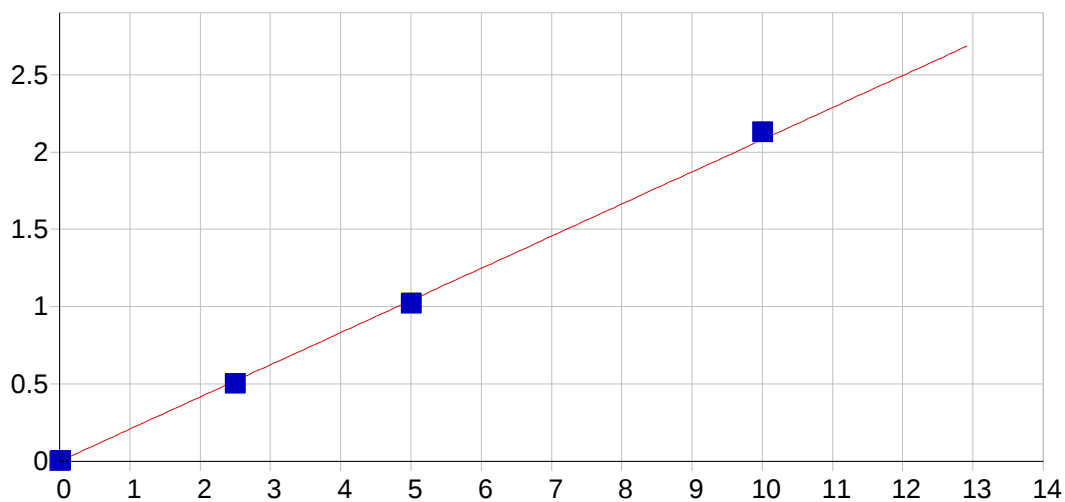


TI 190.856 {477}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000371 Re-Slope: 1.000000
 A1 (Gain): 0.164364 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.001155
 Predicted MQL: 0.003849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.04000	.04516	.005	12.9	.00688	.000	1
S3	2.5000	2.4207	-.079	-3.17	.39328	.002	1
S4	5.0000	4.9277	-.072	-1.45	.80114	.003	1
S5	10.000	10.147	.147	1.47	1.6505	.002	1

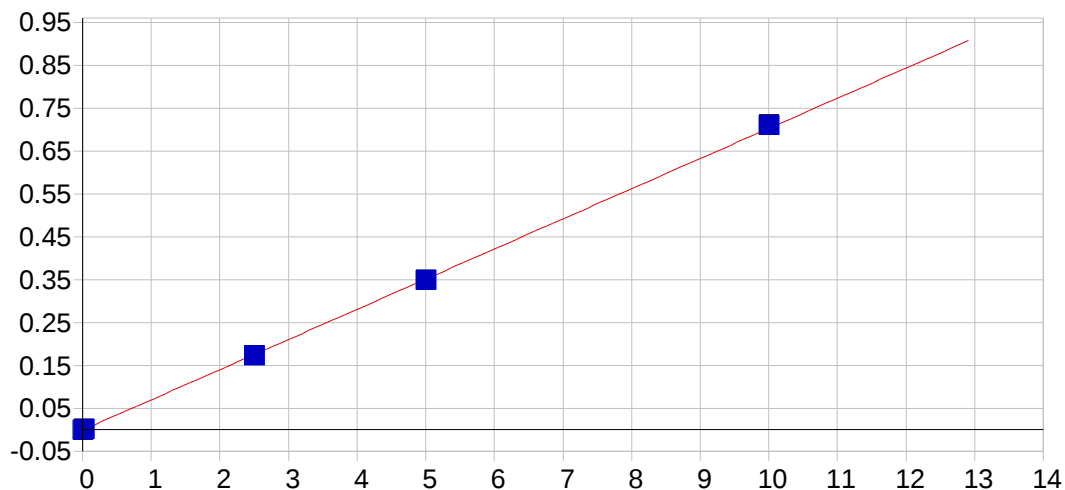


Pb 220.353 {453}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001086 Re-Slope: 1.000000
 A1 (Gain): 0.207800 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.001244
 Predicted MQL: 0.004146

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00109	.000	1
S1	.01200	.01466	.003	22.1	.00409	.000	1
S3	2.5000	2.3952	-.105	-4.19	.49813	.001	1
S4	5.0000	4.8842	-.116	-2.32	1.0147	.004	1
S5	10.000	10.218	.218	2.18	2.1217	.004	1



Se 196.090 {472}

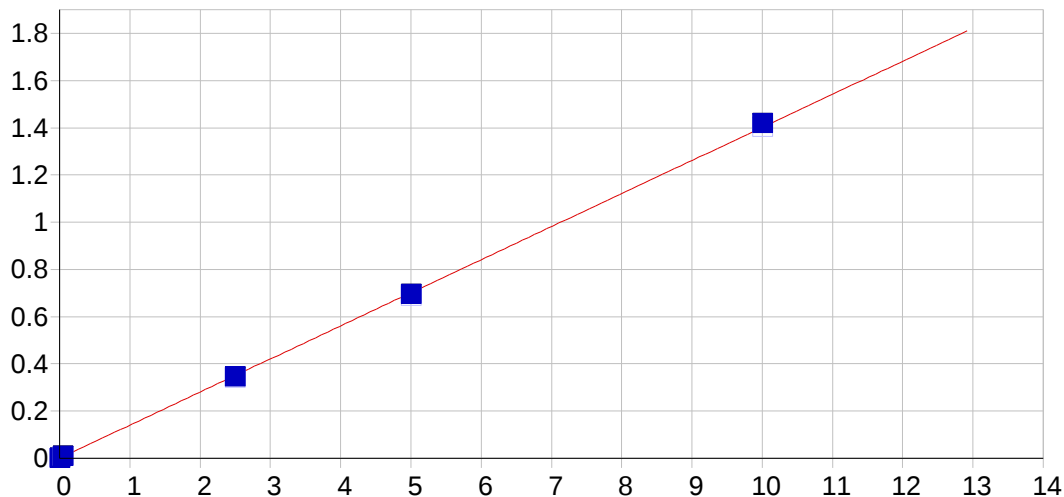
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.070299 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000021
 Predicted MDL: 0.003073
 Predicted MQL: 0.010245

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.02000	.02112	.001	5.60	.00120	.000	1
S3	2.5000	2.4492	-.051	-2.03	.17187	.001	1
S4	5.0000	4.9504	-.050	-.991	.34769	.001	1
S5	10.000	10.099	.099	.992	.70960	.001	1



Sb 206.833 {463}

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

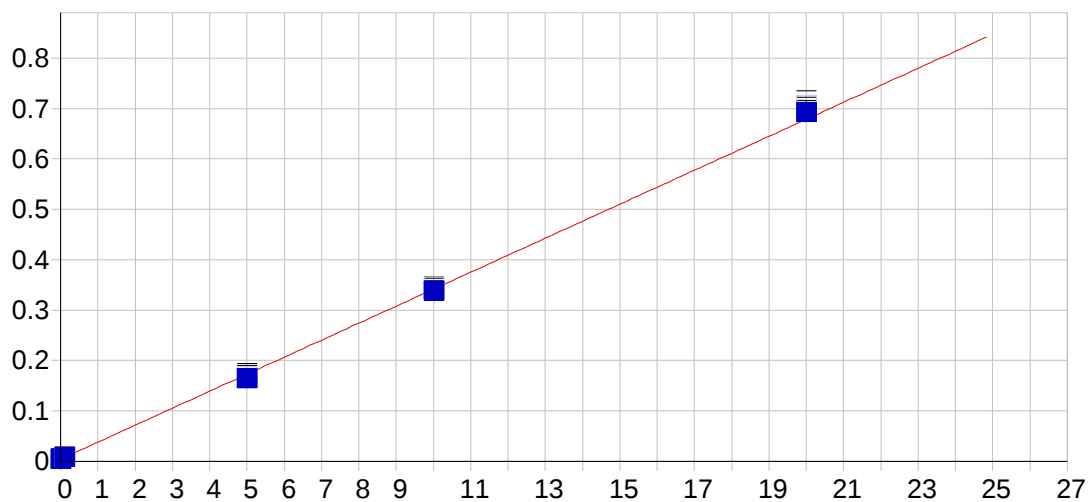
Weighting: 1/Conc

A0 (Offset): 0.000589
 A1 (Gain): 0.140107
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000076
 Predicted MDL: 0.001872
 Predicted MQL: 0.006239

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	.00059	.000	1
S1	.05000	.05517	.005	10.3	.00814	.000	1
S3	2.5000	2.4451	-.055	-2.20	.33923	.001	1
S4	5.0000	4.9421	-.058	-1.16	.68513	.002	1
S5	10.000	10.108	.108	1.08	1.4010	.002	1

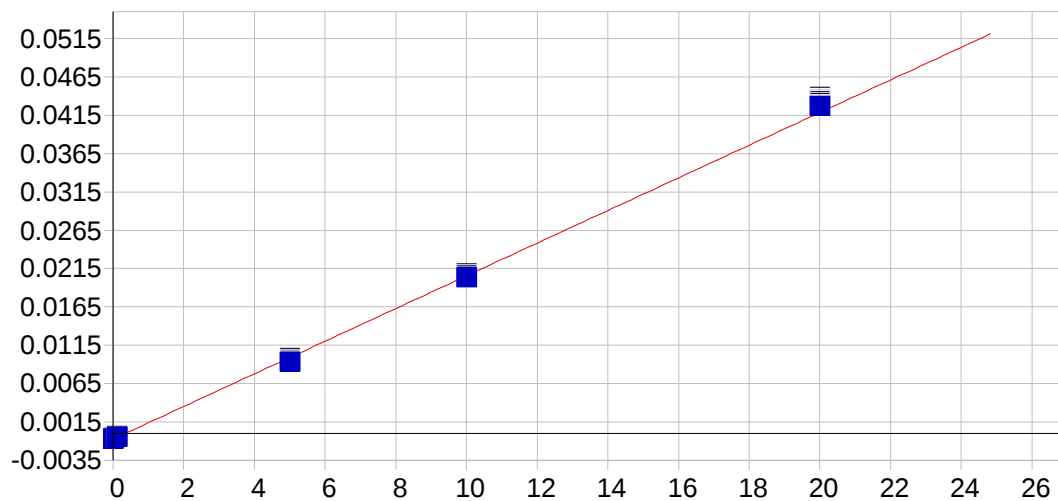


AI 308.215 {109}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004418 Re-Slope: 1.000000
 A1 (Gain): 0.033717 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999658 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.003656
 Predicted MQL: 0.012187

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00442	.000	1
S1	.10000	.10437	.004	4.37	.00817	.000	1
S3	5.0000	4.7228	-.277	-5.54	.16701	.007	1
S4	10.000	9.8752	-.125	-1.25	.34409	.001	1
S5	20.000	20.397	.397	1.99	.70558	.010	1



AI 309.271 {109}

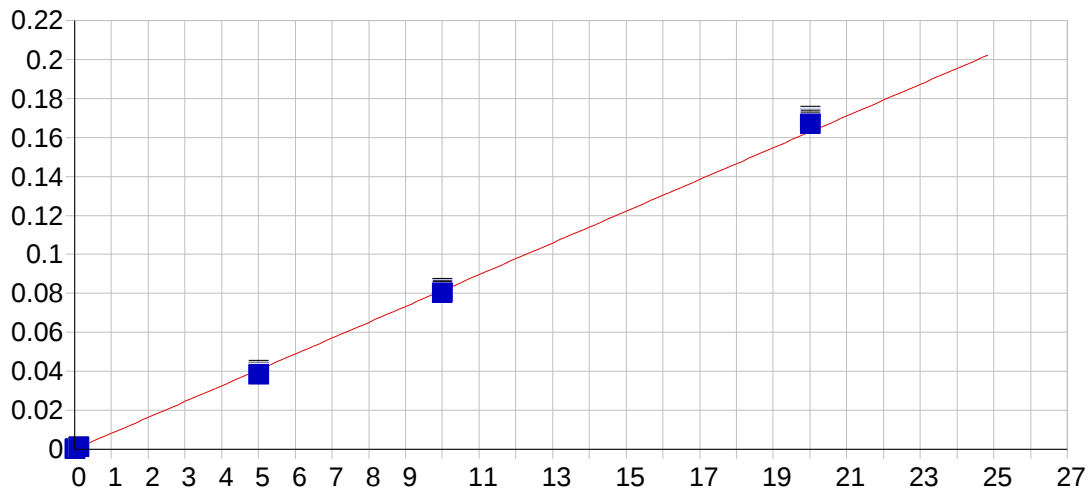
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000736 Re-Slope: 1.000000
 A1 (Gain): 0.002129 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999589
 Std Error of Est: 0.000005
 Predicted MDL: 0.039987
 Predicted MQL: 0.133291

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00074	.000	1
S1	.10000	.12017	.020	20.2	-.00047	.000	1
S3	5.0000	4.7093	-.291	-5.81	.00950	.000	1
S4	10.000	9.8791	-.121	-1.21	.02072	.000	1
S5	20.000	20.390	.390	1.95	.04352	.000	1



Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

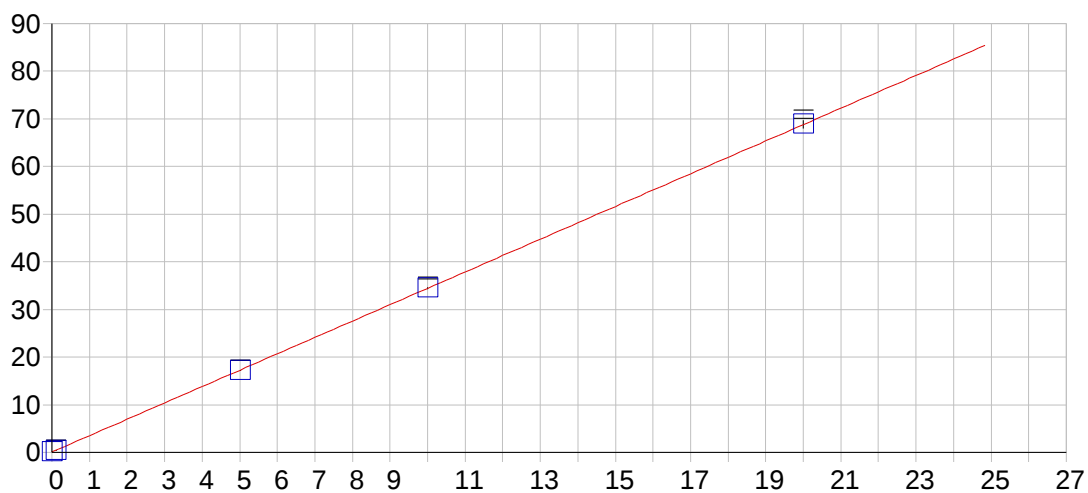
Weighting: 1/Conc

A0 (Offset): 0.000062
 A1 (Gain): 0.008139
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999537
 Std Error of Est: 0.000019
 Predicted MDL: 0.015991
 Predicted MQL: 0.053304

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	.00006	.000	1
S1	.10000	.09734	-.003	-2.66	.00091	.000	1
S3	5.0000	4.6784	-.322	-6.43	.03895	.001	1
S4	10.000	9.8556	-.144	-1.44	.08190	.001	1
S5	20.000	20.469	.469	2.34	.16990	.001	1

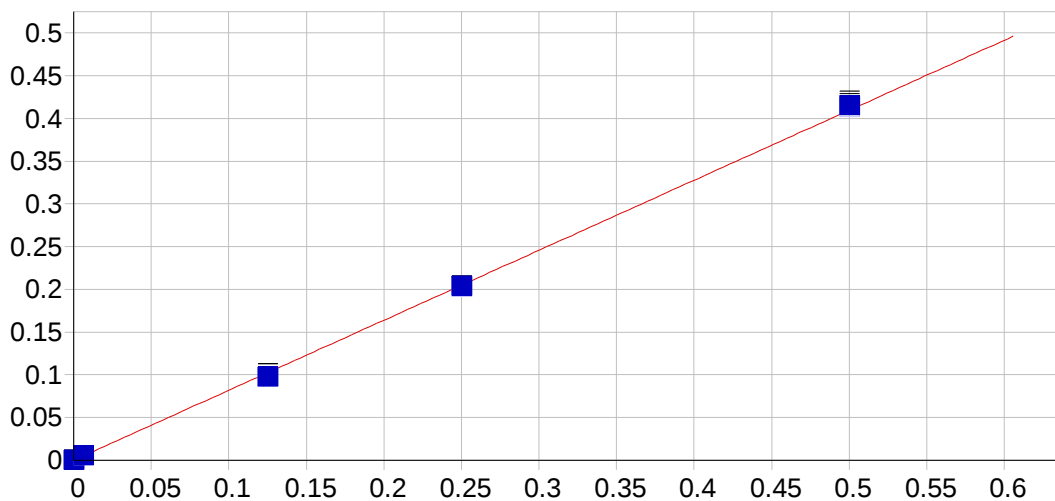


Ba 493.409 { 68}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.076789 Re-Slope: 1.000000
 A1 (Gain): 3.436318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.001700
 Predicted MDL: 0.000969
 Predicted MQL: 0.003230

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07675	.003	1
S1	.10000	.11126	.011	11.3	.45913	.000	1
S3	5.0000	4.9694	-.031	-.613	17.153	.013	1
S5	20.000	20.014	.014	.069	68.851	.922	1
S4	10.000	10.006	.006	.055	34.459	.190	1



Be 234.861 {144}

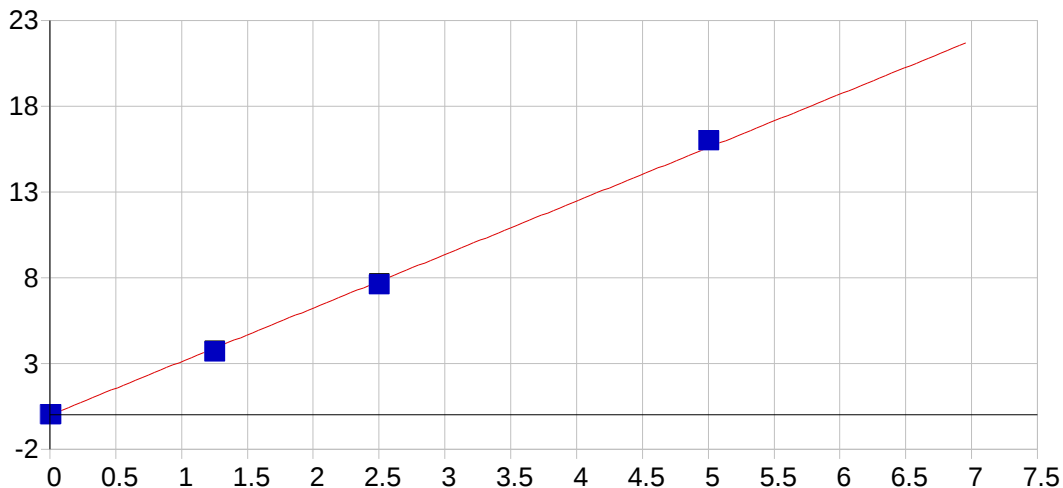
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000061 Re-Slope: 1.000000
 A1 (Gain): 0.819093 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772
 Std Error of Est: 0.000052
 Predicted MDL: 0.000087
 Predicted MQL: 0.000288

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00642	.000	6.92	.00526	.000	1
S3	.12500	.11916	-.006	-4.68	.09702	.004	1
S4	.25000	.24876	-.001	-.496	.20253	.000	1
S5	.50000	.50667	.007	1.33	.41249	.005	1



Cd 226.502 {449}

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

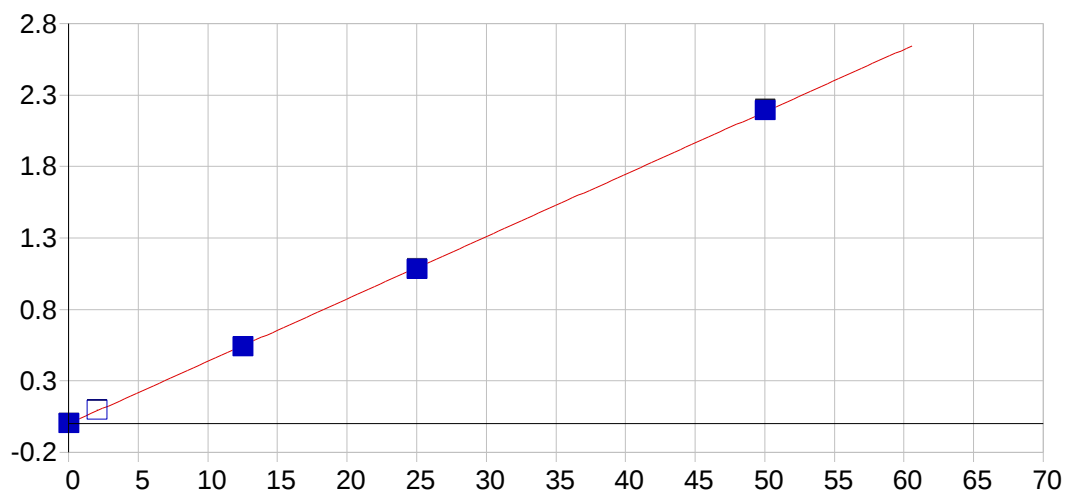
Weighting: 1/Conc

A0 (Offset): -0.001026
 A1 (Gain): 3.117696
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999528
 Std Error of Est: 0.000896
 Predicted MDL: 0.000099
 Predicted MQL: 0.000330

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00102	.000	1
S1	.00600	.00585	-.000	-2.53	.01724	.000	1
S3	1.2500	1.1831	-.067	-5.35	3.6886	.015	1
S4	2.5000	2.4397	-.060	-2.41	7.6071	.024	1
S5	5.0000	5.1273	.127	2.55	15.988	.014	1

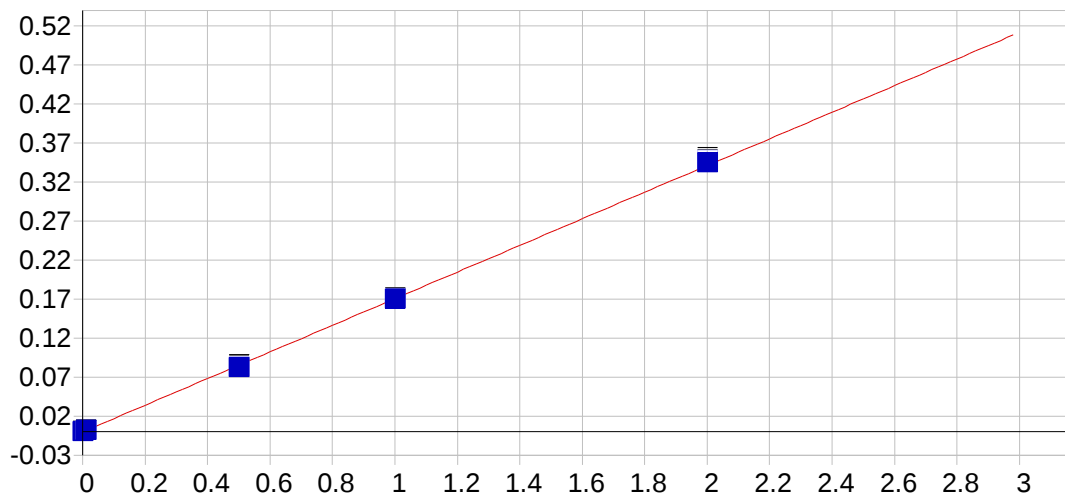


Ca 373.690 { 90}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.043648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.021357
 Predicted MQL: 0.071189

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1587	.159	7.94	.09449	.000	1
S0	.00000	-.00013	-.000	.000	.00026	.001	1
S3	12.500	12.360	-.140	-1.12	.54007	.001	1
S4	25.000	24.776	-.224	-.895	1.0823	.004	1
S5	50.000	50.205	.205	.409	2.1928	.006	1



Cr 267.716 {126}

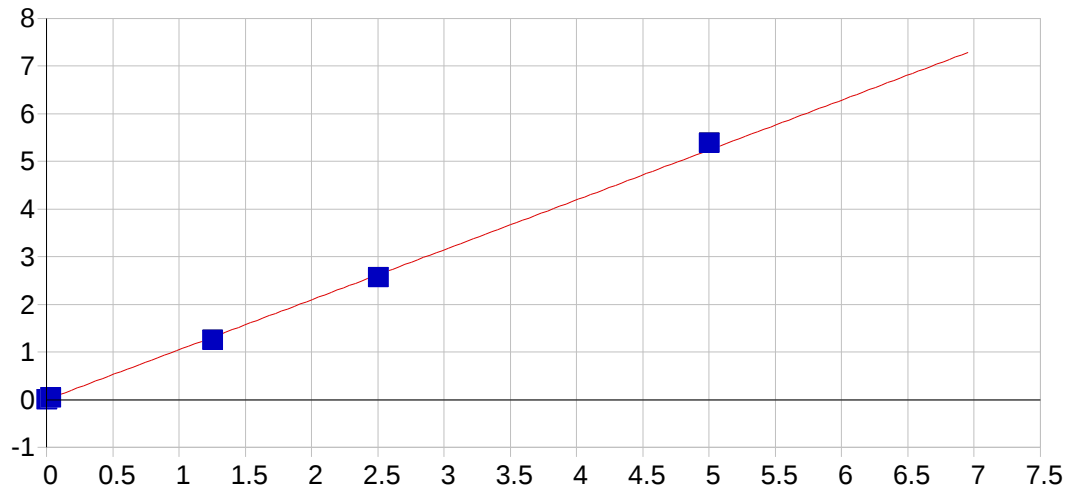
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.170640 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856
 Std Error of Est: 0.000022
 Predicted MDL: 0.000556
 Predicted MQL: 0.001854

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01083	.001	8.34	.00194	.000	1
S3	.50000	.48144	-.019	-3.71	.08287	.003	1
S4	1.0000	.99540	-.005	-.460	.17121	.000	1
S5	2.0000	2.0223	.022	1.12	.34772	.004	1



Co 228.616 {447}

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

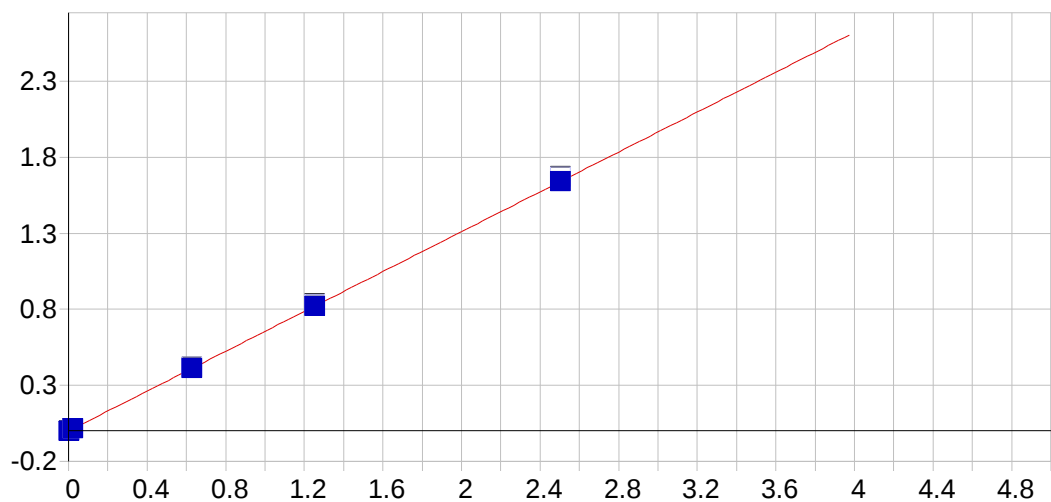
Weighting: 1/Conc

A0 (Offset): 0.000122
 A1 (Gain): 1.048009
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999506
 Std Error of Est: 0.000690
 Predicted MDL: 0.000268
 Predicted MQL: 0.000892

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	.00012	.000	1
S1	.03000	.03252	.003	8.40	.03399	.000	1
S3	1.2500	1.1826	-.067	-5.39	1.2406	.008	1
S4	2.5000	2.4371	-.063	-2.52	2.5562	.009	1
S5	5.0000	5.1278	.128	2.56	5.3782	.003	1

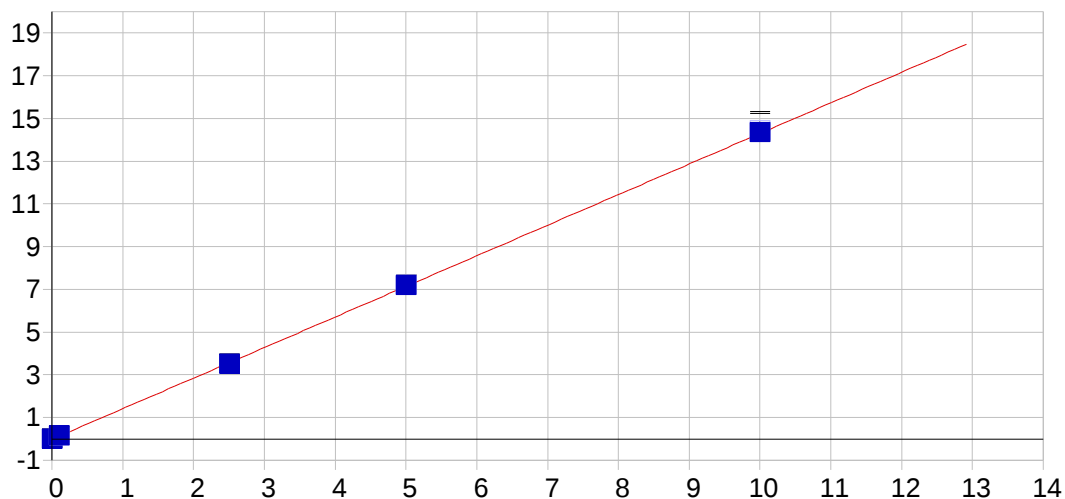


Cu 224.700 {450}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000283 Re-Slope: 1.000000
 A1 (Gain): 0.655309 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.000533
 Predicted MQL: 0.001777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.02000	.02151	.002	7.54	.01405	.000	1
S3	.62500	.62621	.001	.194	.41768	.002	1
S4	1.2500	1.2463	-.004	-.297	.83163	.002	1
S5	2.5000	2.5010	.001	.040	1.6690	.002	1



Fe 240.488 {140}

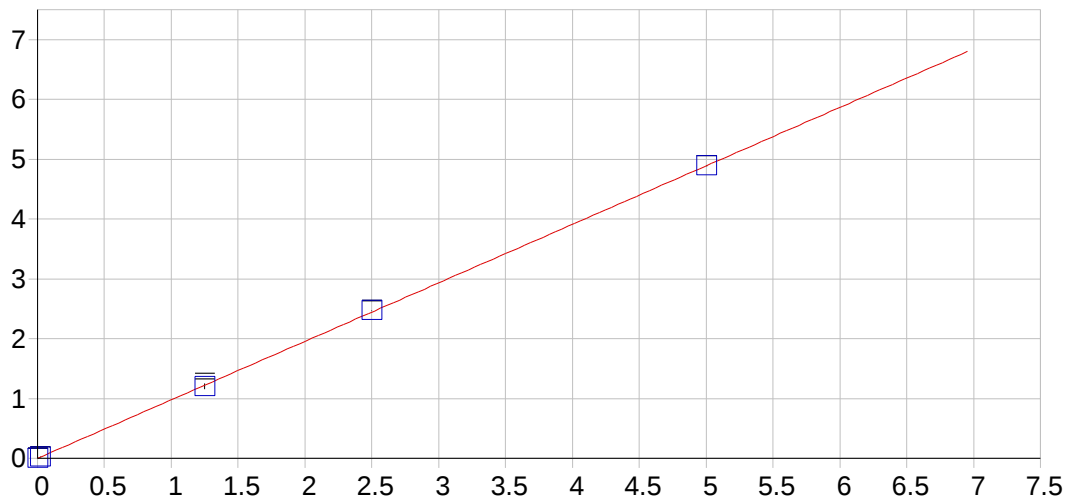
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017336 Re-Slope: 1.000000
 A1 (Gain): 1.431774 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000738
 Predicted MDL: 0.008686
 Predicted MQL: 0.028954

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01734	.004	1
S1	.10000	.10252	.003	2.52	.13014	.008	1
S3	2.5000	2.4423	-.058	-2.31	3.4975	.009	1
S4	5.0000	5.0193	.019	.386	7.2052	.003	1
S5	10.000	10.036	.036	.359	14.424	.414	1



Mn 257.610 {131}

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

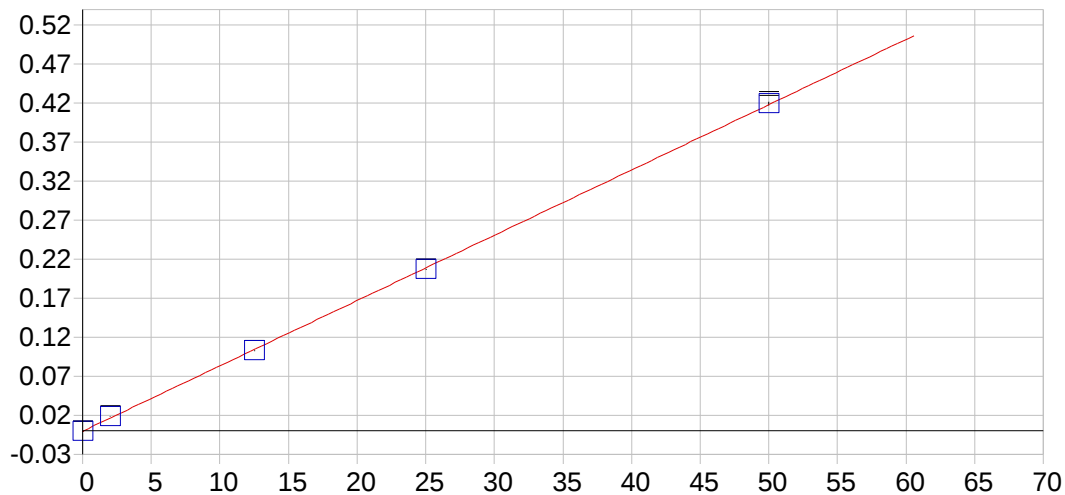
Weighting: 1/Conc

A0 (Offset): 0.000306
 A1 (Gain): 0.977801
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000187
 Predicted MDL: 0.000087
 Predicted MQL: 0.000290

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	.00030	.000	1
S1	.02000	.02323	.003	16.2	.02302	.000	1
S3	1.2500	1.2285	-.022	-1.72	1.2015	.048	1
S4	2.5000	2.5222	.022	.889	2.4665	.001	1
S5	5.0000	4.9961	-.004	-.079	4.8855	.001	1

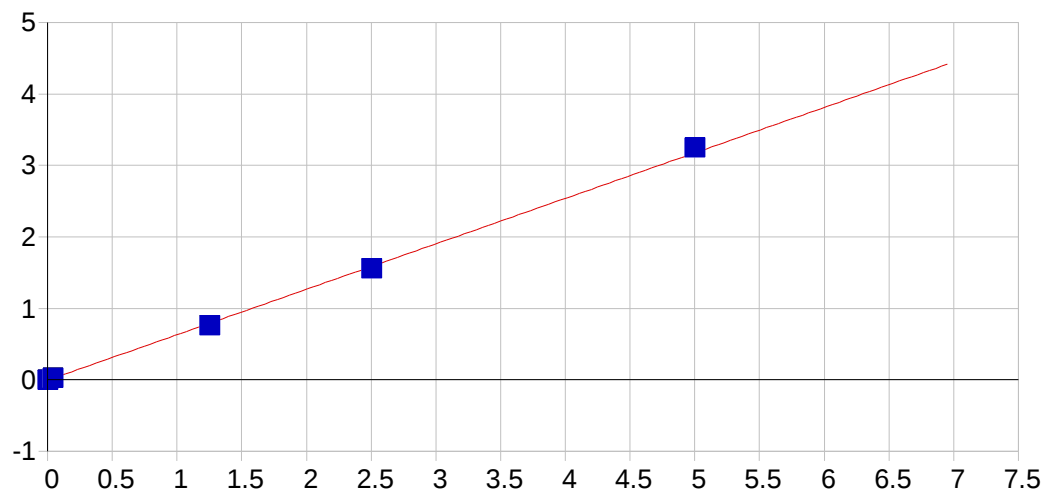


Mg 279.079 {121}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000222 Re-Slope: 1.000000
 A1 (Gain): 0.008367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.050886
 Predicted MQL: 0.169619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2454	.245	12.3	.01857	.000	1
S0	.00000	-.00021	-.000	.000	-.00022	.000	1
S3	12.500	12.335	-.165	-1.32	.10298	.000	1
S4	25.000	24.780	-.220	-.880	.20712	.000	1
S5	50.000	50.140	.140	.280	.41931	.002	1



Ni 231.604 {445}

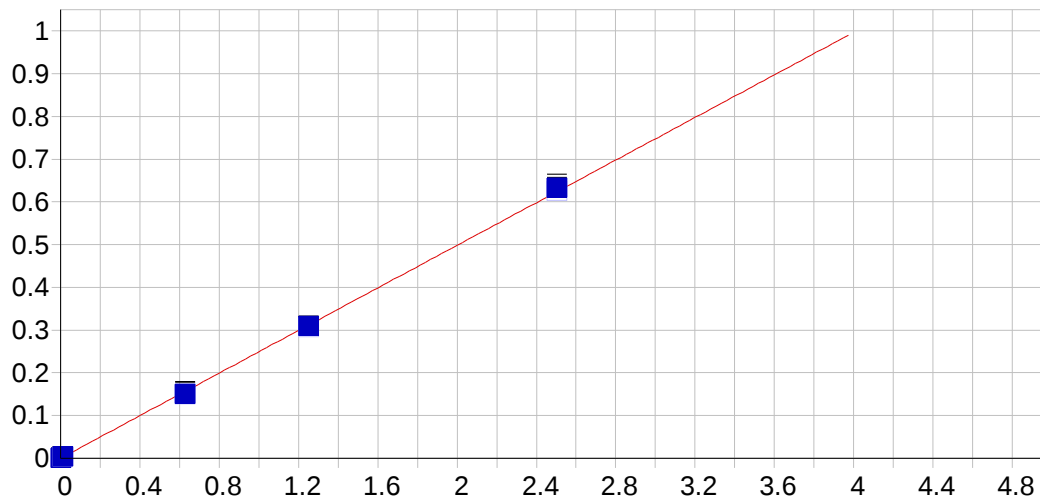
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005612 Re-Slope: 1.000000
 A1 (Gain): 0.636247 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647
 Std Error of Est: 0.000410
 Predicted MDL: 0.000463
 Predicted MQL: 0.001543

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00561	.000	1
S1	.04000	.04314	.003	7.86	.02185	.000	1
S3	1.2500	1.1968	-.053	-4.26	.75669	.002	1
S4	2.5000	2.4417	-.058	-2.33	1.5496	.003	1
S5	5.0000	5.1084	.108	2.17	3.2481	.001	1



Ag 328.068 {103}

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

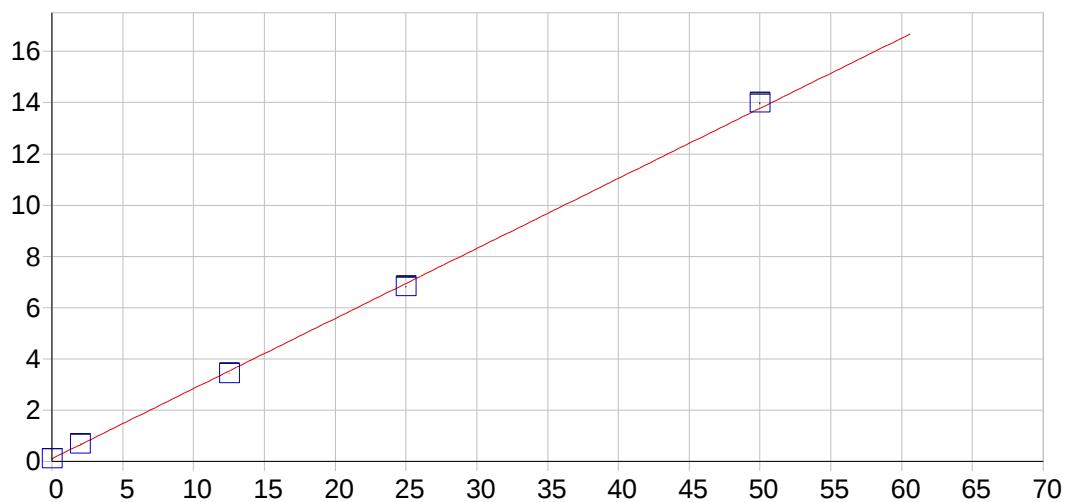
Weighting: 1/Conc

A0 (Offset): 0.000110
 A1 (Gain): 0.249229
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000037
 Predicted MDL: 0.000647
 Predicted MQL: 0.002157

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	.00011	.000	1
S1	.01000	.01017	.000	1.68	.00259	.000	1
S3	.62500	.60296	-.022	-3.53	.14862	.005	1
S4	1.2500	1.2388	-.011	-.900	.30531	.000	1
S5	2.5000	2.5331	.033	1.32	.62437	.009	1

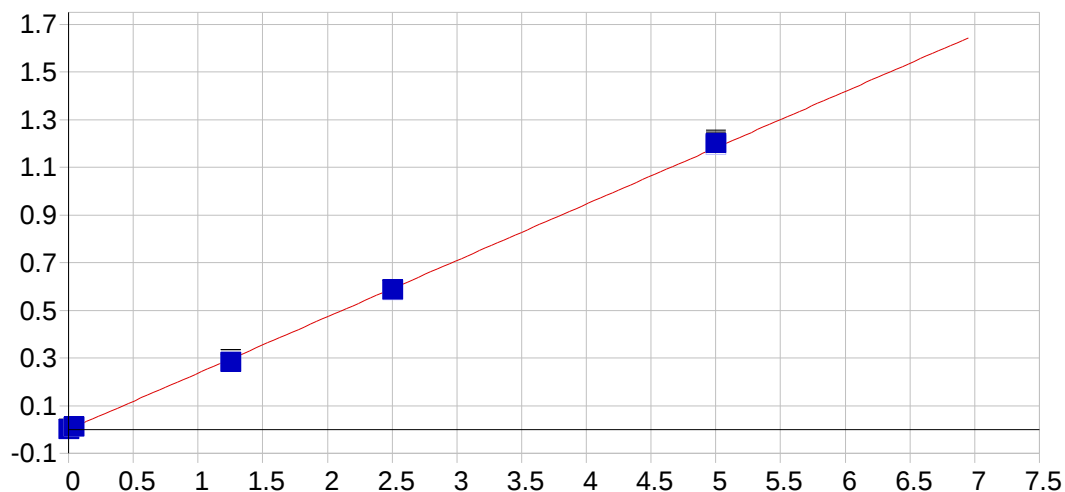


Na 589.592 { 57}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.104425 Re-Slope: 1.000000
 A1 (Gain): 0.273542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.002720
 Predicted MDL: 0.011286
 Predicted MQL: 0.037618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0681	.068	3.41	.67014	.003	1
S0	.00000	-.00001	-.000	.000	.10442	.001	1
S3	12.500	12.162	-.338	-2.71	3.4311	.005	1
S4	25.000	24.554	-.446	-1.78	6.8209	.016	1
S5	50.000	50.716	.716	1.43	13.977	.041	1



V 292.402 {115}

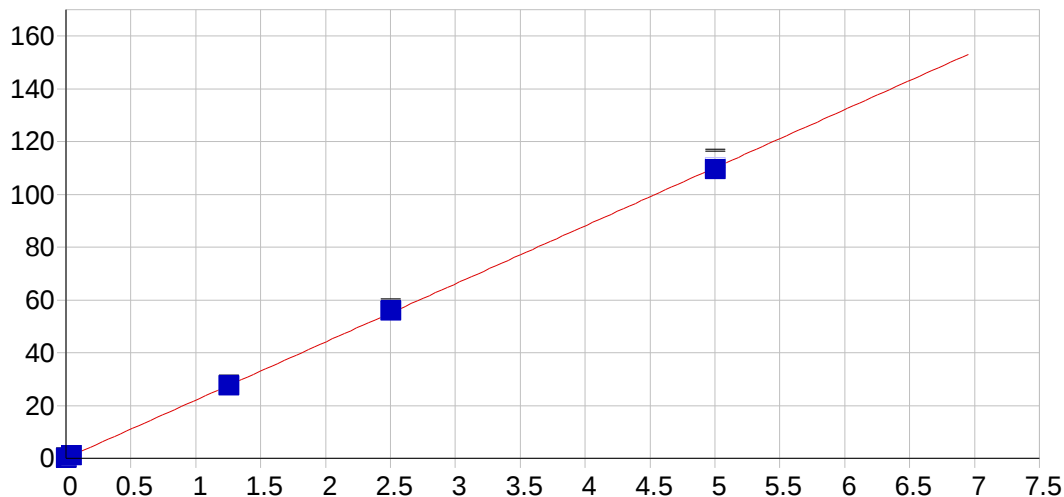
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.236392 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736
 Std Error of Est: 0.000130
 Predicted MDL: 0.000538
 Predicted MQL: 0.001793

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.04000	.04605	.006	15.1	.01062	.000	1
S3	1.2500	1.1952	-.055	-4.38	.28049	.010	1
S4	2.5000	2.4766	-.023	-.935	.58147	.000	1
S5	5.0000	5.0721	.072	1.44	1.1912	.015	1

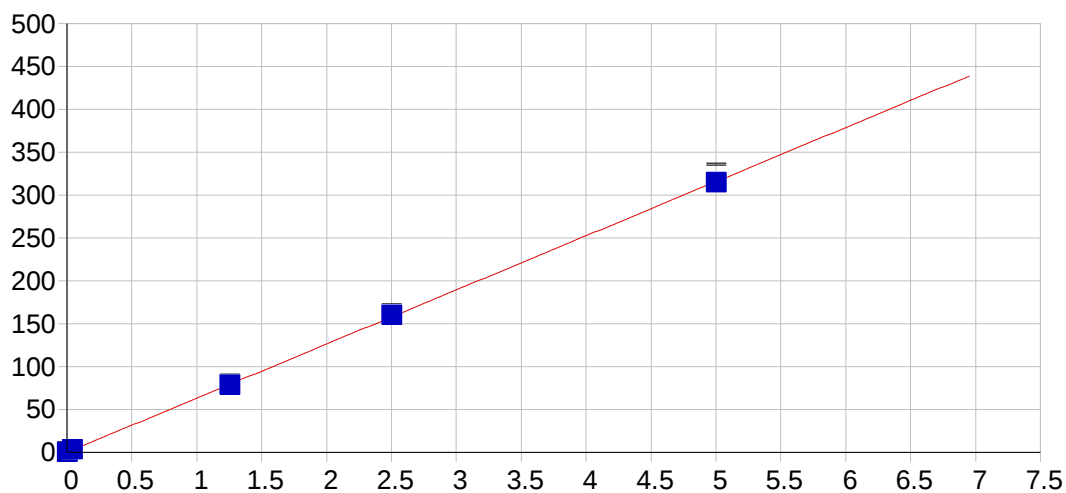


Zn 206.200 {163}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.041392 Re-Slope: 1.000000
 A1 (Gain): 22.014142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.005590
 Predicted MDL: 0.000622
 Predicted MQL: 0.002073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.04131	.001	1
S1	.04000	.04357	.004	8.92	1.0063	.015	1
S3	1.2500	1.2446	-.005	-.430	27.607	.016	1
S4	2.5000	2.5329	.033	1.32	56.134	.251	1
S5	5.0000	4.9689	-.031	-.622	110.09	3.18	1

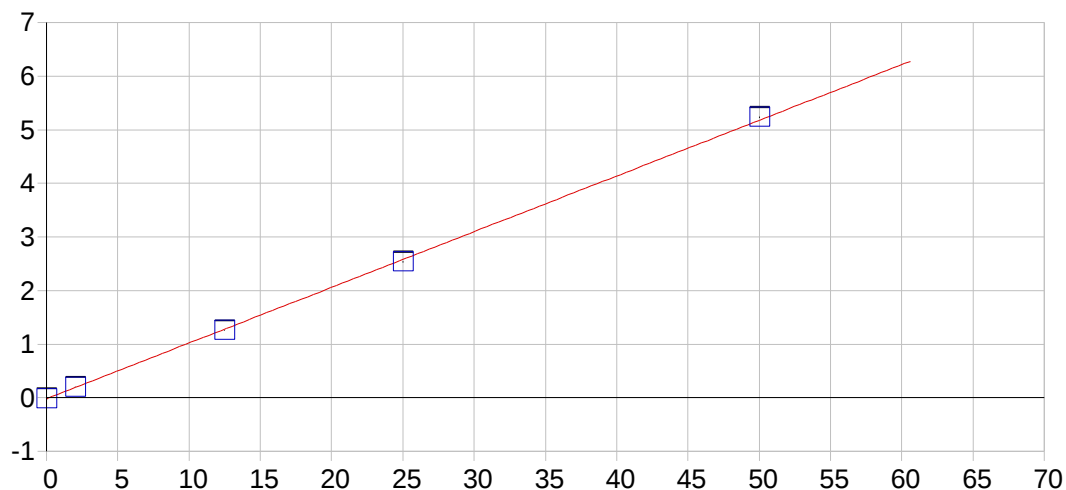


Zn 213.856 {458}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.080200 Re-Slope: 1.000000
 A1 (Gain): 63.122565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.017751
 Predicted MDL: 0.000108
 Predicted MQL: 0.000361

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07985	.006	1
S1	.04000	.04549	.005	13.7	2.9685	.001	1
S3	1.2500	1.2445	-.006	-.442	79.112	.359	1
S4	2.5000	2.5261	.026	1.04	160.49	.622	1
S5	5.0000	4.9740	-.026	-.521	315.96	9.22	1



K 766.490 {44}

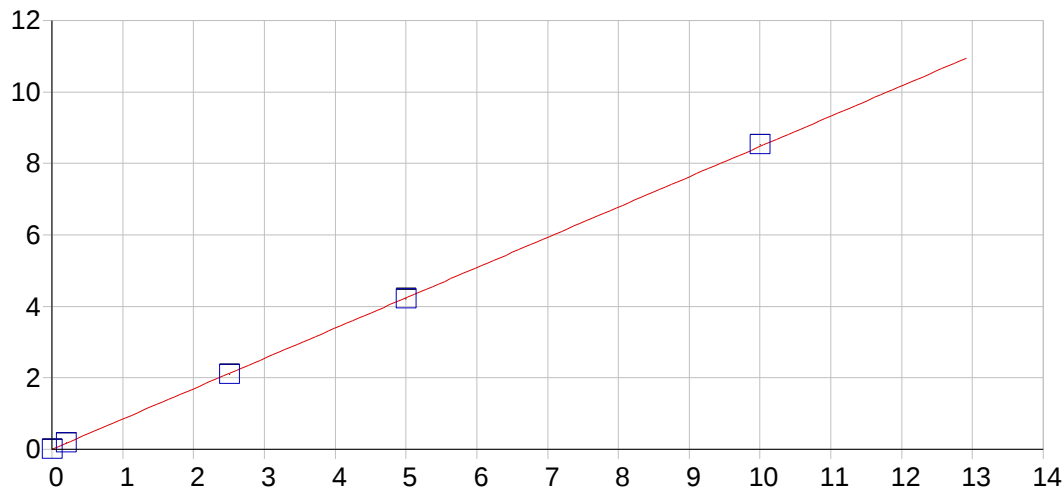
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018844 Re-Slope: 1.000000
 A1 (Gain): 0.103872 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875
 Std Error of Est: 0.000896
 Predicted MDL: 0.035775
 Predicted MQL: 0.119249

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0959	.096	4.79	.19886	.003	1
S0	.00000	-.00005	-.000	.000	-.01885	.005	1
S3	12.500	12.241	-.259	-2.07	1.2526	.004	1
S4	25.000	24.607	-.393	-1.57	2.5371	.011	1
S5	50.000	50.557	.557	1.11	5.2326	.016	1



Mo 202.030 {467}

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

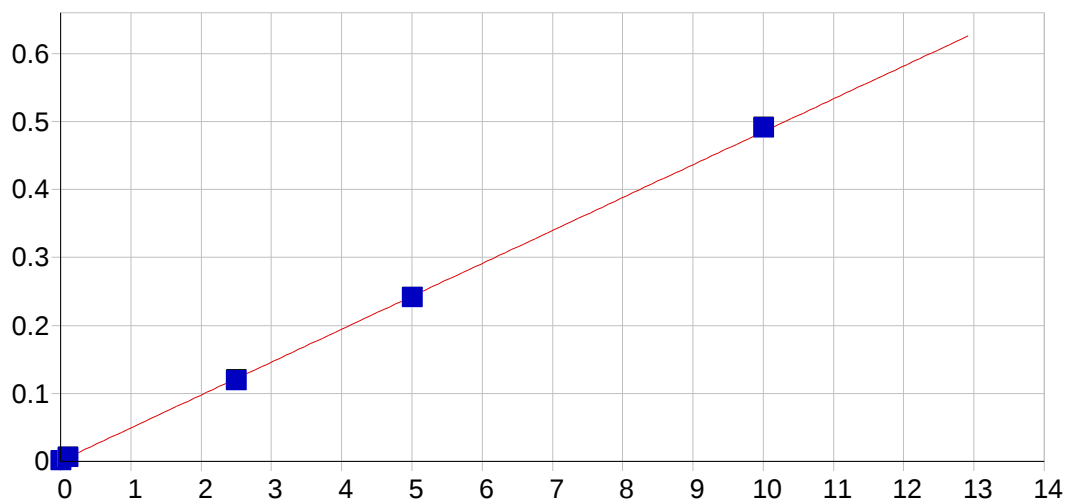
Weighting: 1/Conc

A0 (Offset): 0.000101
 A1 (Gain): 0.847450
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000551
 Predicted MDL: 0.000283
 Predicted MQL: 0.000942

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	.00010	.000	1
S1	.20000	.20910	.009	4.55	.17731	.001	1
S3	2.5000	2.4697	-.030	-1.21	2.0930	.005	1
S4	5.0000	4.9682	-.032	-.637	4.2104	.016	1
S5	10.000	10.053	.053	.531	8.5196	.001	1

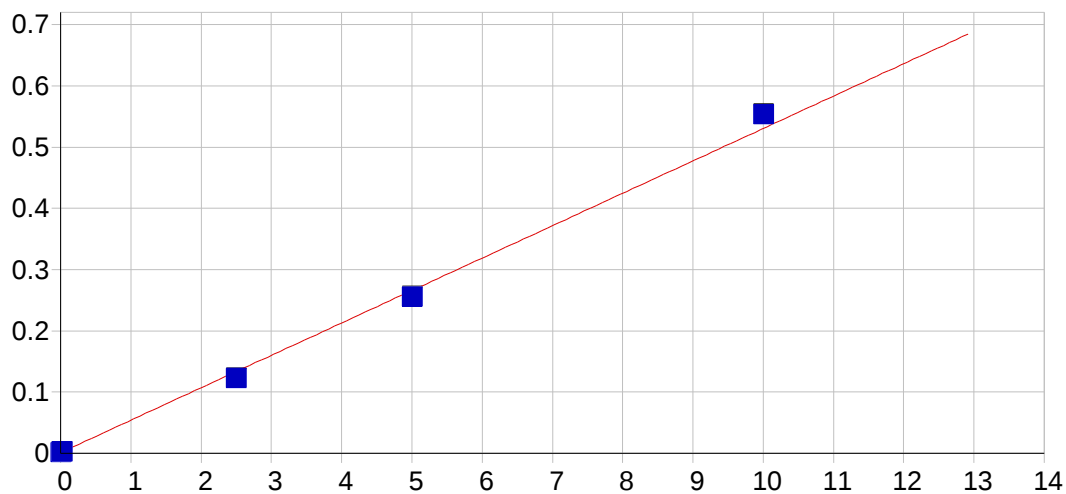


B 249.678 {135}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000854 Re-Slope: 1.000000
 A1 (Gain): 0.048398 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.008459
 Predicted MQL: 0.028195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00085	.000	1
S1	.10000	.09846	-.002	-1.54	.00560	.000	1
S3	2.5000	2.4314	-.069	-2.75	.11824	.001	1
S4	5.0000	4.9530	-.047	-.940	.24000	.000	1
S5	10.000	10.117	.117	1.17	.48937	.001	1



S 182.034 {485}

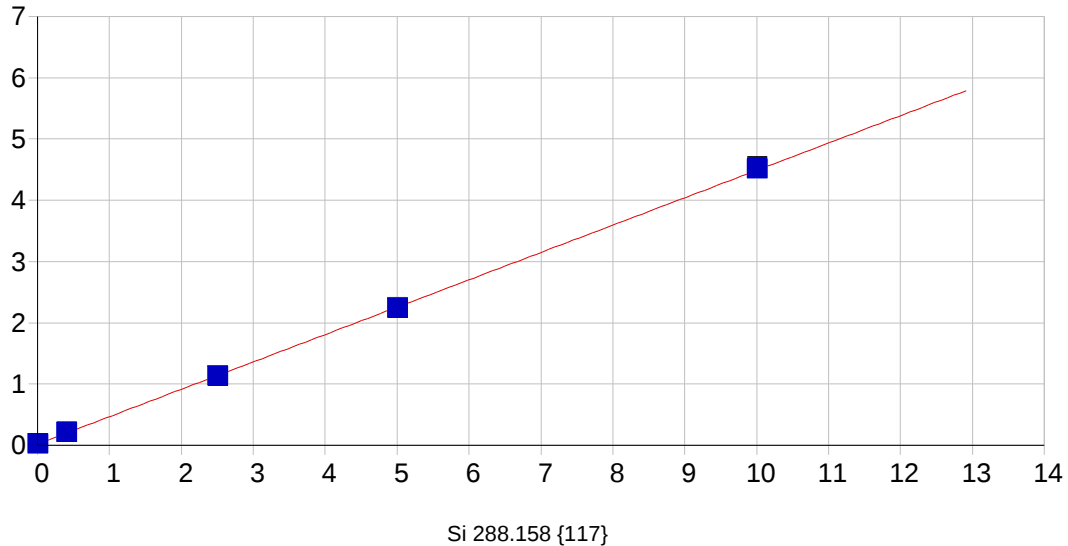
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001201 Re-Slope: 1.000000
 A1 (Gain): 0.052916 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998632
 Std Error of Est: 0.000067
 Predicted MDL: 0.002908
 Predicted MQL: 0.009695

Status: OK.

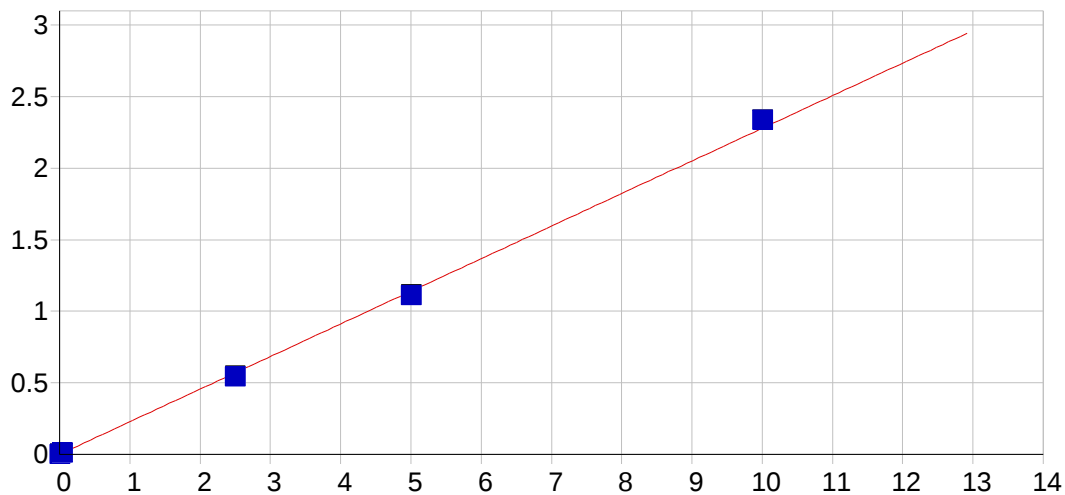
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00120	.000	1
S1	.02000	.01371	-.006	-31.4	.00189	.000	1
S3	2.5000	2.2799	-.220	-8.80	.12170	.000	1
S4	5.0000	4.7976	-.202	-4.05	.25477	.001	1
S5	10.000	10.429	.429	4.29	.55245	.000	1



Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021227 Re-Slope: 1.000000
 A1 (Gain): 0.446650 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000421
 Predicted MDL: 0.002673
 Predicted MQL: 0.008911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02122	.000	1
S1	.40000	.41508	.015	3.77	.20647	.003	1
S3	2.5000	2.4754	-.025	-.985	1.1263	.003	1
S4	5.0000	4.9616	-.038	-.768	2.2361	.006	1
S5	10.000	10.048	.048	.479	4.5068	.032	1

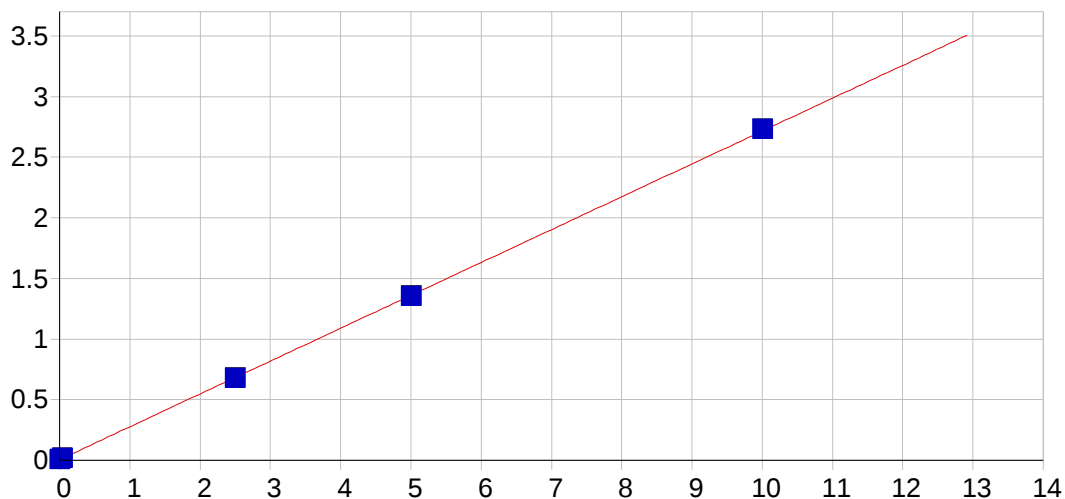


Sn 189.989 {477}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000
 A1 (Gain): 0.227863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999567 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.000688
 Predicted MQL: 0.002293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.04000	.04147	.001	3.67	.00994	.000	1
S3	2.5000	2.3783	-.122	-4.87	.54252	.001	1
S4	5.0000	4.8743	-.126	-2.51	1.1114	.002	1
S5	10.000	10.246	.246	2.46	2.3356	.001	1



Ti 336.121 {100}

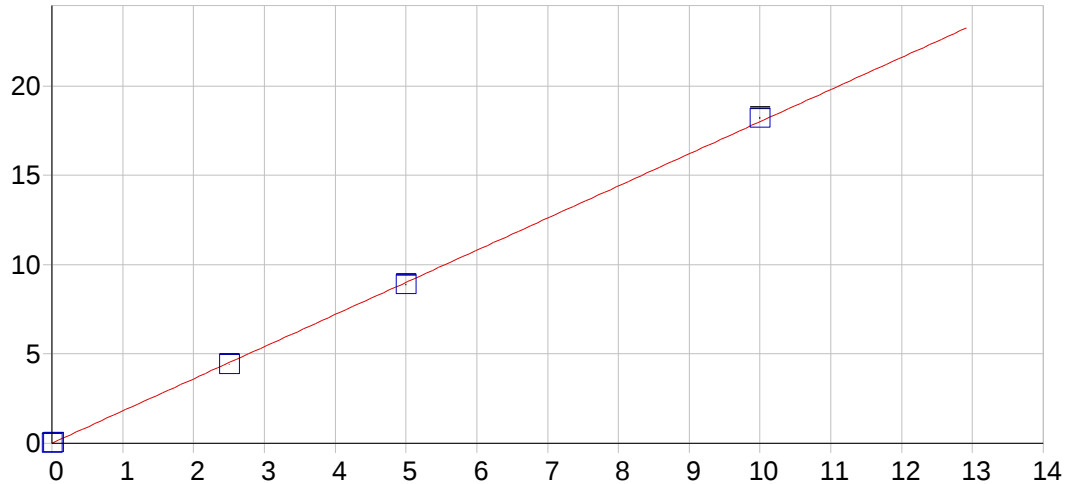
Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005718 Re-Slope: 1.000000
 A1 (Gain): 0.270948 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000078
 Predicted MDL: 0.002499
 Predicted MQL: 0.008331

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00572	.001	1
S1	.04000	.04411	.004	10.3	.01766	.000	1
S3	2.5000	2.4729	-.027	-1.09	.67565	.007	1
S4	5.0000	4.9669	-.033	-.662	1.3513	.007	1
S5	10.000	10.056	.056	.561	2.7301	.000	1



Li 670.784 { 50}

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

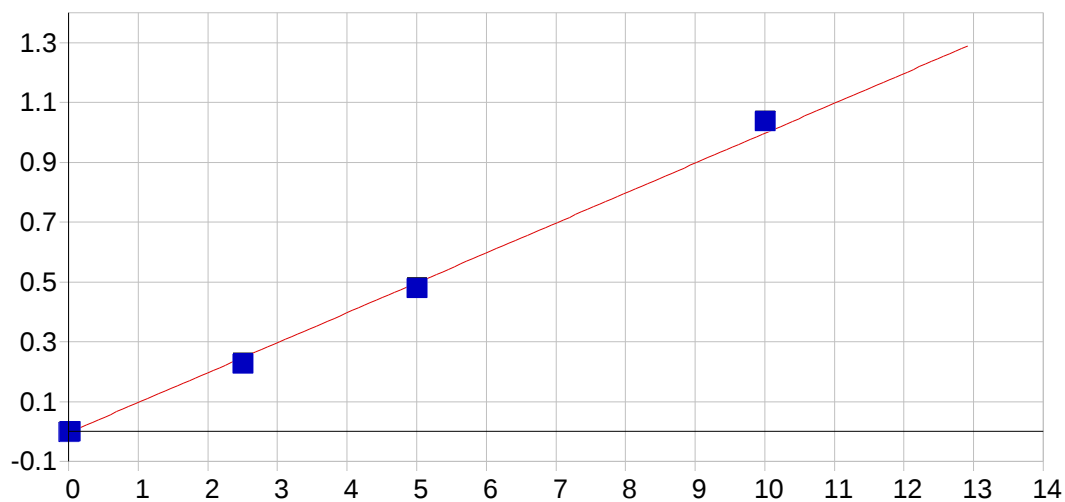
Weighting: 1/Conc

A0 (Offset): 0.012038
 A1 (Gain): 1.798857
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000600
 Predicted MDL: 0.001771
 Predicted MQL: 0.005903

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	.01204	.002	1
S1	.02000	.01908	-.001	-4.60	.04636	.000	1
S3	2.5000	2.4491	-.051	-2.04	4.4176	.008	1
S4	5.0000	4.9339	-.066	-1.32	8.8875	.036	1
S5	10.000	10.118	.118	1.18	18.213	.046	1

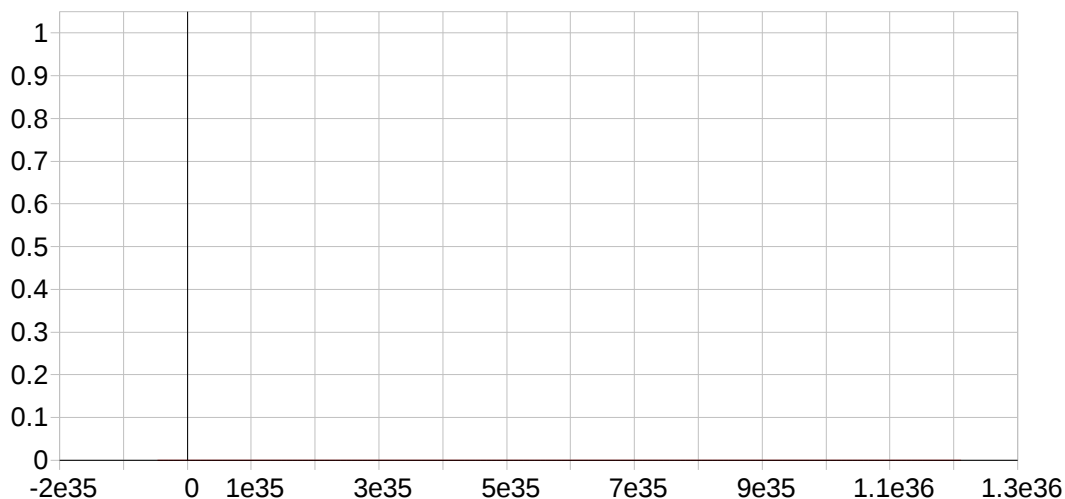


P 177.495 {490}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003518 Re-Slope: 1.000000
 A1 (Gain): 0.100063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998889 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.001633
 Predicted MQL: 0.005442

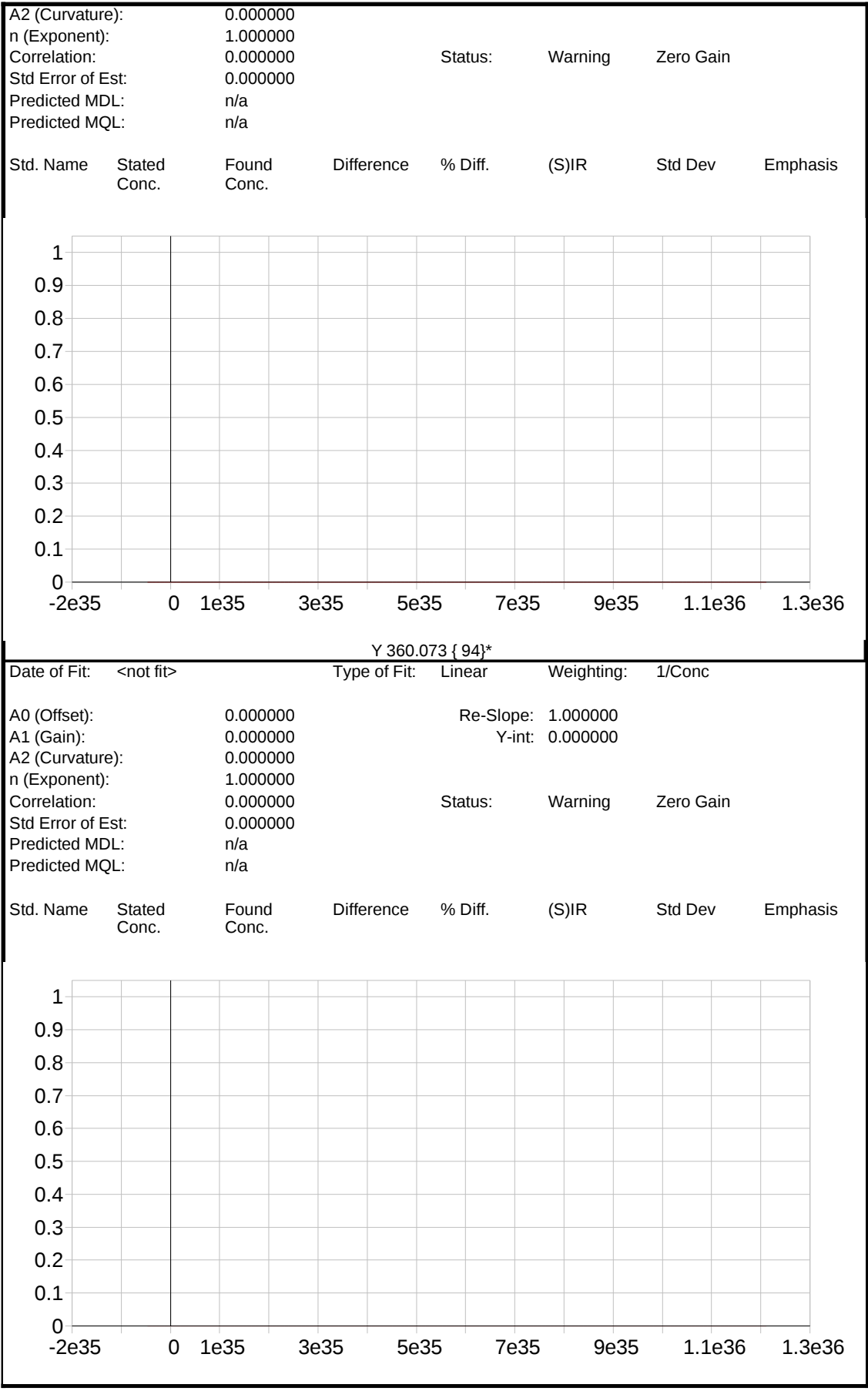
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00352	.000	1
S1	.02000	.01955	-.000	-2.26	-.00157	.000	1
S3	2.5000	2.2951	-.205	-8.20	.22577	.001	1
S4	5.0000	4.8150	-.185	-3.70	.47756	.001	1
S5	10.000	10.390	.390	3.90	1.0347	.000	1

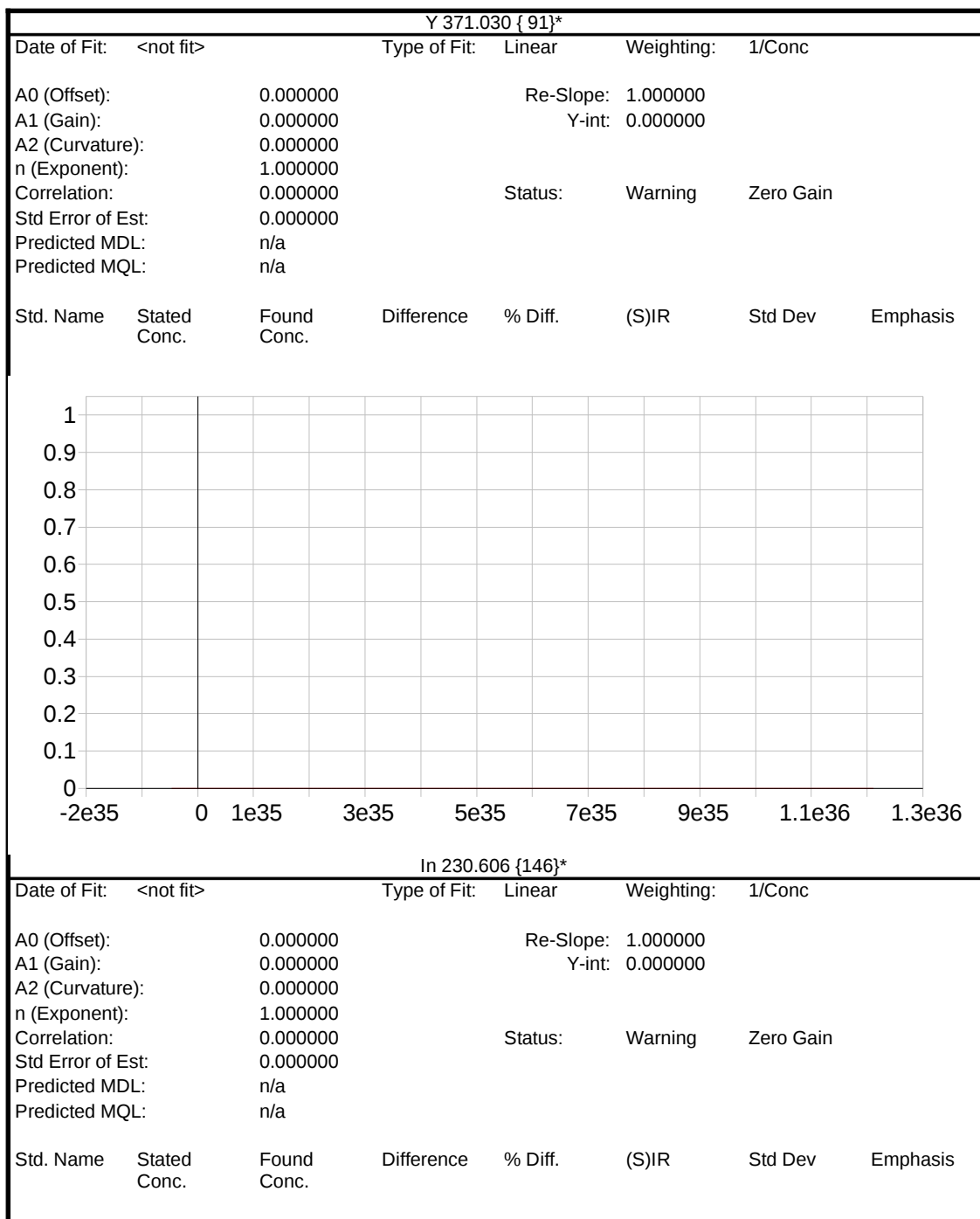


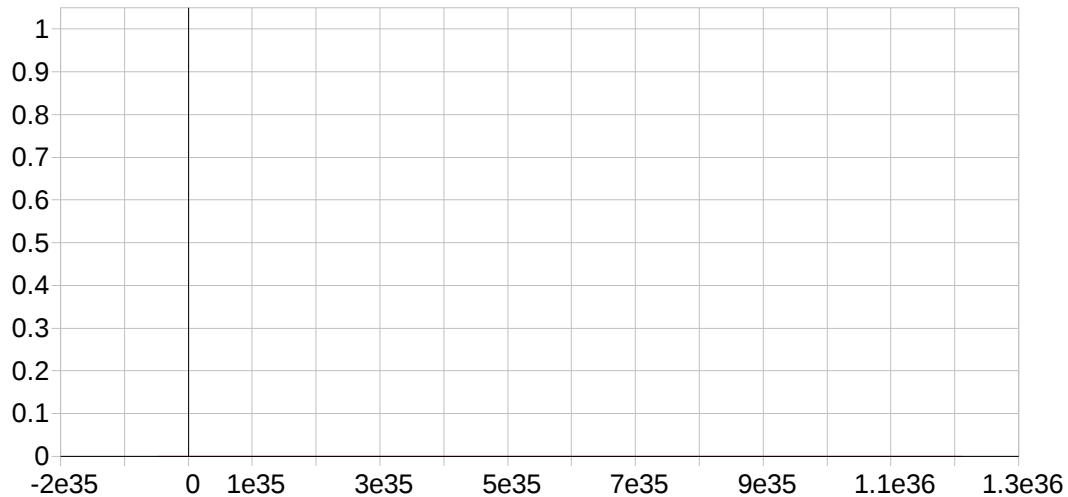
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

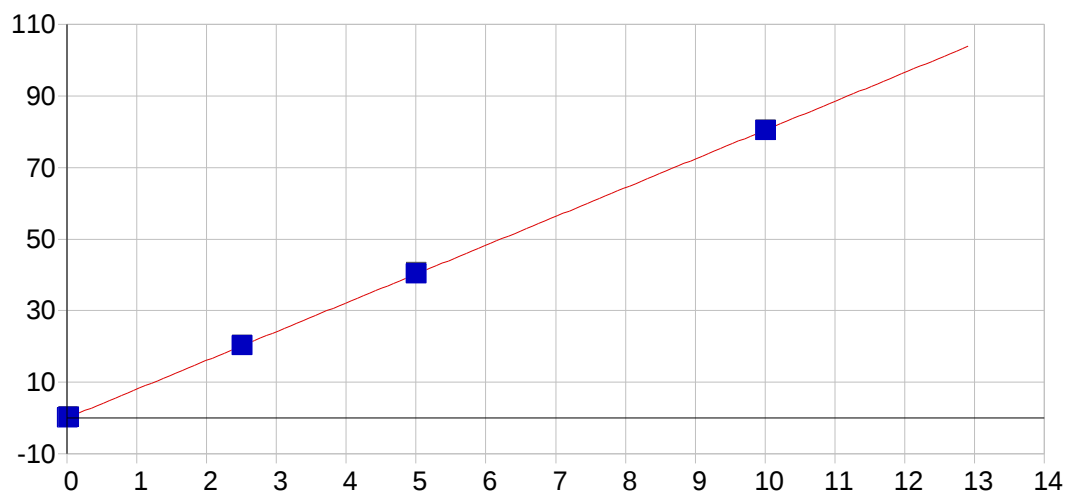
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 11/27/2018 12:15:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005958

Re-Slope: 1.000000

A1 (Gain): 8.044149

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999994

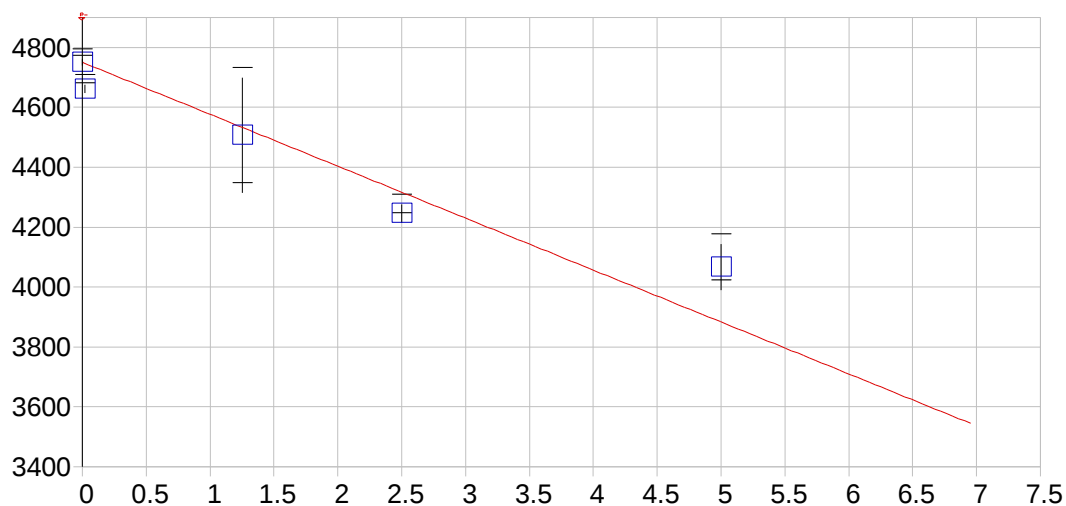
Status: OK.

Std Error of Est: 0.000646

Predicted MDL: 0.000151

Predicted MQL: 0.000503

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00597	.001	1
S1	.02000	.02146	.001	7.32	.16759	.000	1
S3	2.5000	2.5050	.005	.201	20.167	.019	1
S4	5.0000	5.0135	.013	.270	40.367	.240	1
S5	10.000	9.9800	-.020	-.200	80.363	.005	1

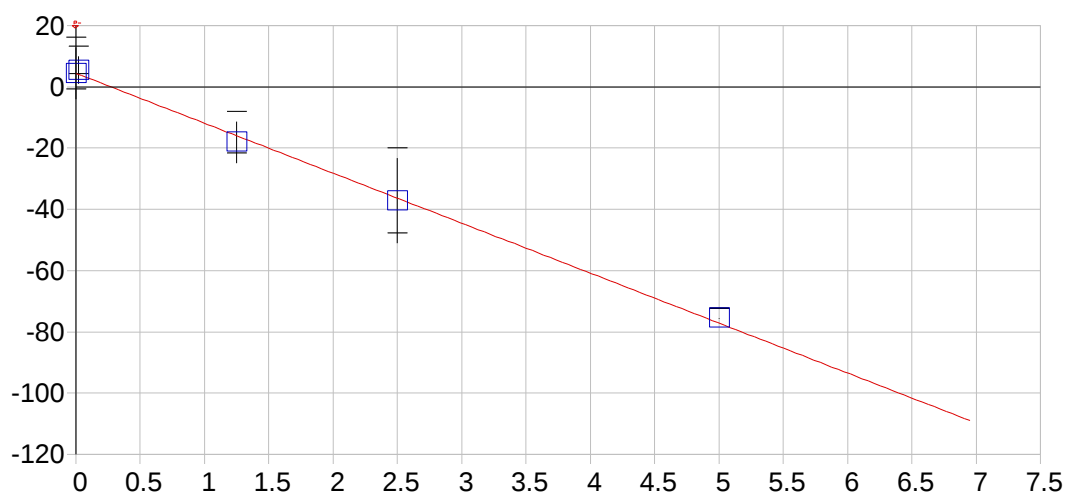


U 367.007 { 92}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4750.194942 Re-Slope: 1.000000
A1 (Gain): -173.368272 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.642337 Status: Warning Negative Gain
Std Error of Est: 3.534947
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	-.000	.000	4750.3	10.9	1
S1	.02000	.51323	.493	2470.	4661.2	13.4	1
S3	1.2500	1.4009	.151	12.1	4507.3	193.	1
S4	2.5000	2.9118	.412	16.5	4245.4	31.1	1
S5	5.0000	3.9440	-1.06	-21.1	4066.4	77.5	1



U 385.958 { 87}

Date of Fit: 11/27/2018 12:15:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4.425992 Re-Slope: 1.000000

A1 (Gain): -16.311507 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.979698

Status: Warning Negative Gain

Std Error of Est: 0.057040

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	4.4247	8.44	1
S1	.02000	-.06365	-.084	-418.	5.4642	4.41	1
S3	1.2500	1.3824	.132	10.6	-18.124	6.83	1
S4	2.5000	2.5505	.051	2.02	-37.177	13.9	1
S5	5.0000	4.9007	-.099	-1.99	-75.512	.102	1

Sample Name: S0 Acquired: 11/27/2018 11:51:50 Type: Cal
Method: P4-ICP2(v2606) 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	.00005	-.00037	.00109	-.00028	.00059	.00006	.07675	.00006
Stddev	.00001	.00014	.00003	.00005	.00024	.00003	.00308	.00006
%RSD	27.250	38.254	2.3807	19.282	40.853	40.531	4.0076	93.136
#1	.00004	-.00047	.00107	-.00024	.00076	.00004	.07458	.00010
#2	.00006	-.00027	.00110	-.00032	.00042	.00008	.07893	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00102	.00026	.00008	.00012	-.00028	-.01734	.00030	-.00022
Stddev	.00009	.00103	.00010	.00024	.00004	.00428	.00004	.00001
%RSD	8.4243	389.83	121.93	200.44	12.472	24.699	13.161	5.7047
#1	-.00109	.00099	.00015	-.00005	-.00031	-.01431	.00028	-.00023
#2	-.00096	-.00046	.00001	.00029	-.00026	-.02037	.00033	-.00021
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	-.00561	.00011	.10442	-.00012	.07985	-.01885	.00010	.00085
Stddev	.00007	.00004	.00147	.00006	.00570	.00476	.00009	.00012
%RSD	1.1692	37.993	1.4076	46.640	7.1337	25.231	98.075	14.533
#1	-.00566	.00014	.10546	-.00008	.08388	-.01549	.00016	.00094
#2	-.00557	.00008	.10338	-.00016	.07582	-.02221	.00003	.00077
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	.00120	.02122	.00050	.00572	.01204	-.0035	-.00597	4750.3
Stddev	.00015	.00000	.00010	.00081	.00154	.0001	.00081	10.9
%RSD	12.224	.02182	21.113	14.136	12.797	3.790	13.642	.22938
#1	.00131	.02122	.00057	.00515	.01095	-.0034	-.00539	4742.6
#2	.00110	.02123	.00042	.00629	.01313	-.0036	-.00655	4758.0

Sample Name: S0 Acquired: 11/27/2018 11:51:50 Type: Cal
Method: P4-ICP2(v2606) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	4.4247
Stddev	8.4416
%RSD	190.78

#1	10.394
#2	-1.5444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.3	46602.	4706.8	107.50	4165.8
Stddev	20.2	107.	21.7	1.32	20.4
%RSD	.54414	.22905	.46005	1.2258	.49088

#1	3704.0	46527.	4691.5	106.57	4151.4
#2	3732.6	46678.	4722.1	108.43	4180.3

Sample Name: S1 Acquired: 11/27/2018 11:55:51 Type: Cal
Method: P4-ICP2(v2606) 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	.00161	.00688	.00409	.00120	.00814	.00091	.45913	.00526
Stddev	.00002	.00010	.00006	.00003	.00002	.00008	.00008	.00009
%RSD	.99880	1.5074	1.4727	2.7438	.24782	9.1307	.01635	1.7792

#1	.00160	.00695	.00404	.00122	.00813	.00085	.45908	.00533
#2	.00162	.00681	.00413	.00118	.00816	.00097	.45918	.00520

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	.01724	.00194	.03399	.01405	.13014	.02302	.02185	.00259
Stddev	.00033	.00004	.00004	.00004	.00771	.00032	.00013	.00002
%RSD	1.9036	1.8143	.11703	.28396	5.9227	1.3852	.58637	.65362

#1	.01747	.00196	.03402	.01408	.13559	.02325	.02194	.00261
#2	.01701	.00191	.03396	.01402	.12469	.02280	.02176	.00258

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	.01062	2.9685	.17731	.00560	.00189	.20647	.00994	.01766
Stddev	.00003	.0006	.00113	.00019	.00003	.00257	.00008	.00049
%RSD	.31664	.02113	.63706	3.3085	1.4572	1.2438	.77937	2.7818

#1	.01059	2.9689	.17811	.00547	.00191	.20829	.01000	.01732
#2	.01064	2.9681	.17651	.00573	.00187	.20466	.00989	.01801

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04636	-.0016	.16759	4661.2	5.4642
Stddev	.00001	.0000	.00035	13.4	4.4128
%RSD	.03139	1.763	.20763	.28814	80.758

#1	.04637	-.0016	.16734	4651.7	2.3439
#2	.04635	-.0015	.16783	4670.7	8.5845

Sample Name: S1 Acquired: 11/27/2018 11:55:51 Type: Cal
Method: P4-ICP2(v2606) 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	3696.9	46403.	4772.2	109.88	4127.3
Stddev	5.4	197.	5.7	.10	15.0
%RSD	.14532	.42503	.12042	.09361	.36269
#1	3700.7	46263.	4776.3	109.95	4116.7
#2	3693.1	46542.	4768.2	109.80	4137.8

Sample Name: S2 Acquired: 11/27/2018 11:59:54 Type: Cal
Method: P4-ICP2(v2606) 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	.09449	.01857	.67014	.19886
Stddev	.00036	.00026	.00306	.00260
%RSD	.37734	1.4264	.45697	1.3062

#1	.09475	.01875	.67230	.20070
#2	.09424	.01838	.66797	.19703

Int. Std.	Y_3710
Units	Cts/S
Avg	4666.7
Stddev	34.0
%RSD	.72775

#1	4642.7
#2	4690.7

Sample Name: S3 Acquired: 11/27/2018 12:03:51 Type: Cal
Method: P4-ICP2(v2606) 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	.18282	.39328	.49813	.17187	.33923	.03895	17.153	.09702
Stddev	.00071	.00154	.00111	.00092	.00128	.00128	.013	.00377
%RSD	.38690	.39160	.22276	.53519	.37837	3.2900	.07390	3.8868
#1	.18332	.39437	.49892	.17252	.34013	.03986	17.144	.09968
#2	.18232	.39219	.49735	.17122	.33832	.03804	17.162	.09435
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	3.6886	.54007	.08287	1.2406	.41768	3.4975	1.2015	.10298
Stddev	.0151	.00064	.00310	.0078	.00200	.0091	.0476	.00007
%RSD	.41043	.11899	3.7377	.62879	.47976	.26124	3.9580	.06905
#1	3.6993	.53961	.08506	1.2461	.41910	3.4910	1.2351	.10293
#2	3.6779	.54052	.08068	1.2351	.41627	3.5040	1.1679	.10303
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	.75669	.14862	3.4311	.28049	79.112	1.2526	2.0930	.11824
Stddev	.00218	.00513	.0054	.01045	.359	.0042	.0054	.00095
%RSD	.28747	3.4506	.15821	3.7244	.45429	.33376	.25905	.80297
#1	.75823	.15224	3.4273	.28788	78.858	1.2497	2.0968	.11892
#2	.75516	.14499	3.4350	.27311	79.366	1.2556	2.0892	.11757
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	.12170	1.1263	.54252	.67565	4.4176	.2258	20.167	4507.3
Stddev	.00015	.0030	.00137	.00671	.0081	.0006	.019	192.9
%RSD	.12200	.26395	.25192	.99355	.18357	.2637	.09257	4.2791
#1	.12159	1.1284	.54348	.67090	4.4118	.2262	20.154	4370.9
#2	.12180	1.1242	.54155	.68039	4.4233	.2254	20.180	4643.7

Sample Name: S3 Acquired: 11/27/2018 12:03:51 Type: Cal
Method: P4-ICP2(v2606) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-18.124
Stddev	6.825
%RSD	37.660

#1	-22.950
#2	-13.297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.4	46194.	4655.2	105.42	3814.2
Stddev	13.2	1544.	7.2	.41	17.3
%RSD	.36534	3.3428	.15384	.38613	.45291

#1	3599.1	45102.	4660.2	105.71	3802.0
#2	3617.7	47286.	4650.1	105.14	3826.5

Sample Name: S4 Acquired: 11/27/2018 12:07:38 Type: Cal
Method: P4-ICP2(v2606) 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	.37032	.80114	1.0147	.34769	.68513	.08190	34.459	.20253
Stddev	.00115	.00336	.0038	.00101	.00196	.00055	.190	.00005
%RSD	.31032	.41921	.37248	.29114	.28565	.66584	.55183	.02620

#1	.36951	.79876	1.0120	.34697	.68375	.08151	34.593	.20257
#2	.37113	.80351	1.0173	.34840	.68652	.08228	34.324	.20249

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	7.6071	1.0823	.17121	2.5562	.83163	7.2052	2.4665	.20712
Stddev	.0240	.0043	.00019	.0088	.00194	.0027	.0012	.00007
%RSD	.31551	.39709	.10828	.34463	.23341	.03733	.04685	.03455

#1	7.5901	1.0792	.17134	2.5500	.83025	7.2071	2.4657	.20706
#2	7.6240	1.0853	.17108	2.5625	.83300	7.2033	2.4674	.20717

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	1.5496	.30531	6.8209	.58147	160.49	2.5371	4.2104	.24000
Stddev	.0033	.00018	.0160	.00019	.62	.0112	.0156	.00025
%RSD	.21071	.06048	.23518	.03217	.38742	.44118	.36984	.10351

#1	1.5473	.30518	6.8323	.58134	160.05	2.5450	4.1994	.24018
#2	1.5519	.30544	6.8096	.58160	160.93	2.5292	4.2214	.23983

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	.25477	2.2361	1.1114	1.3513	8.8875	.4776	40.367	4245.4
Stddev	.00133	.0065	.0024	.0065	.0358	.0008	.240	31.1
%RSD	.52179	.28963	.21486	.48173	.40242	.1713	.59378	.73330

#1	.25383	2.2407	1.1097	1.3559	8.9128	.4770	40.537	4223.4
#2	.25571	2.2316	1.1131	1.3467	8.8622	.4781	40.198	4267.4

Sample Name: S4 Acquired: 11/27/2018 12:07:38 Type: Cal
Method: P4-ICP2(v2606) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-37.177
Stddev	13.856
%RSD	37.272

#1	-46.975
#2	-27.379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.0	44191.	4637.2	102.21	3630.2
Stddev	3.4	11.	16.9	.14	.5
%RSD	.09732	.02436	.36544	.13798	.01508

#1	3541.5	44183.	4625.2	102.31	3629.8
#2	3536.6	44198.	4649.2	102.11	3630.6

Sample Name: S5 Acquired: 11/27/2018 12:11:24 Type: Cal
Method: P4-ICP2(v2606) 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	.76378	1.6505	2.1217	.70960	1.4010	.16990	68.851	.41249
Stddev	.00033	.0019	.0037	.00090	.0016	.00097	.922	.00494
%RSD	.04324	.11761	.17273	.12682	.11240	.57070	1.3392	1.1965

#1	.76402	1.6519	2.1191	.71023	1.4021	.17058	69.503	.41598
#2	.76355	1.6491	2.1243	.70896	1.3999	.16921	68.199	.40900

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	15.988	2.1928	.34772	5.3782	1.6690	14.424	4.8855	.41931
Stddev	.014	.0061	.00390	.0026	.0019	.414	.0005	.00226
%RSD	.08699	.27843	1.1217	.04789	.11064	2.8711	.01063	.53894

#1	15.978	2.1971	.35047	5.3764	1.6704	14.131	4.8858	.41771
#2	15.998	2.1884	.34496	5.3800	1.6677	14.717	4.8851	.42090

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	3.2481	.62437	13.977	1.1912	315.96	5.2326	8.5196	.48937
Stddev	.0008	.00906	.041	.0146	9.22	.0161	.0008	.00141
%RSD	.02528	1.4516	.29382	1.2225	2.9187	.30711	.00942	.28750

#1	3.2487	.63078	14.007	1.2015	309.44	5.2440	8.5190	.48838
#2	3.2475	.61796	13.948	1.1809	322.48	5.2212	8.5201	.49037

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	.55245	4.5068	2.3356	2.7301	18.213	1.035	80.363	4066.4
Stddev	.00033	.0319	.0008	.0002	.046	.000	.005	77.5
%RSD	.06026	.70673	.03353	.00626	.25020	.0103	.00638	1.9055

#1	.55221	4.5293	2.3350	2.7299	18.245	1.035	80.367	4011.6
#2	.55268	4.4842	2.3361	2.7302	18.181	1.035	80.360	4121.2

Sample Name: S5 Acquired: 11/27/2018 12:11:24 Type: Cal
 Method: P4-ICP2(v2606) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-75.512
Stddev	.102
%RSD	.13491

#1	-75.584
#2	-75.440

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.1	43004.	4594.5	101.79	3369.2
Stddev	8.6	558.	29.8	2.68	7.4
%RSD	.25032	1.2978	.64794	2.6331	.21844

#1	3432.0	42609.	4573.5	103.68	3364.0
#2	3444.2	43398.	4615.6	99.891	3374.4

Sample Name: ICV01 Acquired: 11/27/2018 12:15:25 Type: Unk
Method: P4-ICP2(v2606) 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	1.0140	1.0300	1.0096	1.0113	.99383	2.5702	F .52269	.49845
Stddev	.0024	.0039	.0015	.0016	.00101	.0192	.00199	.00033
%RSD	.23705	.38074	.14617	.15922	.10147	.74572	.38088	.06551

#1	1.0123	1.0328	1.0106	1.0125	.99454	2.5838	.52410	.49868
#2	1.0157	1.0272	1.0085	1.0102	.99311	2.5567	.52128	.49822

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47995	F 10.534	F .51630	.49336	F .52748	5.1594	F .53208	6.2388
Stddev	.00238	.103	.00088	.00072	.00092	.0339	.00075	.0577
%RSD	.49510	.97415	.17073	.14499	.17466	.65770	.14092	.92424

#1	.48163	10.606	.51693	.49387	.52813	5.1834	.53261	6.2795
#2	.47827	10.461	.51568	.49286	.52683	5.1354	.53155	6.1980

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49631	.50889	10.129	.51945	1.0591	10.234	2.5719	2.5775
Stddev	.00158	.00369	.067	.00032	.0056	.060	.0079	.0243
%RSD	.31800	.72449	.66379	.06214	.52641	.58201	.30550	.94376

#1	.49742	.51149	10.177	.51922	1.0630	10.276	2.5775	2.5947
#2	.49519	.50628	10.082	.51968	1.0551	10.192	2.5664	2.5603

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.2796	2.5348	2.4588	2.6183	2.5224	F 2.331	2.5180	F 2.5869
Stddev	.0031	.0256	.0072	.0095	.0175	.000	.0051	.0548
%RSD	.13625	1.0102	.29236	.36145	.69325	.0082	.20088	2.1175

#1	2.2774	2.5529	2.4639	2.6249	2.5348	2.330	2.5216	2.6256
#2	2.2818	2.5167	2.4538	2.6116	2.5101	2.331	2.5145	2.5481

Sample Name: ICV01 Acquired: 11/27/2018 12:15:25 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6367
Stddev	.7606
%RSD	46.471

#1	2.1745
#2	1.0989

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.1	44850.	4629.0	103.71	3891.5
Stddev	14.6	257.	57.0	.70	18.1
%RSD	.40414	.57300	1.2318	.67752	.46570

#1	3596.8	44668.	4588.7	103.21	3878.7
#2	3617.4	45032.	4669.4	104.20	3904.4

Sample Name: LLICV01 Acquired: 11/27/2018 12:23:16 Type: Unk
Method: P4-ICP2(v2606) 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	.01932	.04400	.01069	.01951	.05371	.09339	.10692	.00645
Stddev	.00264	.00014	.00122	.00172	.00128	.00048	.00115	.00046
%RSD	13.670	.32837	11.390	8.7950	2.3838	.51612	1.0771	7.1302
#1	.02119	.04410	.01155	.02072	.05462	.09305	.10610	.00677
#2	.01745	.04389	.00983	.01830	.05280	.09373	.10773	.00612
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00560	2.1440	.01088	.03121	.02169	.09798	.02398	2.1372
Stddev	.00006	.0394	.00050	.00039	.00041	.00038	.00157	.0065
%RSD	.99629	1.8390	4.6176	1.2546	1.8685	.38695	6.5395	.30359
#1	.00564	2.1161	.01123	.03149	.02198	.09825	.02509	2.1326
#2	.00556	2.1718	.01052	.03093	.02141	.09771	.02287	2.1418
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04132	.01062	1.9272	.04697	.04449	2.0311	.20250	.09761
Stddev	.00043	.00088	.0114	.00291	.00092	.0057	.00298	.00976
%RSD	1.0342	8.2700	.59187	6.1882	2.0596	.27854	1.4736	9.9949
#1	.04163	.01124	1.9191	.04902	.04514	2.0271	.20461	.09071
#2	.04102	.01000	1.9352	.04491	.04384	2.0351	.20039	.10451
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00557	.41072	.04016	.04257	.01917	.0178	.02045	F 4.0093
Stddev	.00298	.00429	.00067	.00112	.00110	.0006	.00008	1.6770
%RSD	53.369	1.0450	1.6654	2.6357	5.7623	3.170	.38145	41.827
#1	.00768	.41376	.04063	.04337	.01839	.0174	.02040	5.1951
#2	.00347	.40769	.03968	.04178	.01995	.0182	.02051	2.8235

Sample Name: LLICV01 Acquired: 11/27/2018 12:23:16 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .06531
 Stddev .52485
 %RSD 803.57

#1 .43644
 #2 -.30581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.7	43288.	4639.1	107.73	4116.9
Stddev	58.5	2526.	15.0	1.79	45.4
%RSD	1.6005	5.8350	.32244	1.6619	1.1023

#1	3614.4	41502.	4649.7	106.46	4084.9
#2	3697.1	45074.	4628.5	108.99	4149.0

Sample Name: ICB01 Acquired: 11/27/2018 12:27:18 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00009	.00077	-.00015	-.00095	-.00915	.00014
Stddev	.00007	.00016	.00117	.00079	.00151	.00715	.00043
%RSD	6.9730	181.59	151.89	521.10	159.13	78.112	311.98

#1	.00096	-.00020	-.00006	.00040	.00012	-.01420	-.00017
#2	.00106	.00002	.00160	-.00071	-.00202	-.00410	.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00004	.01543	-.00026	.00005	-.00010	.00145
Stddev	.00001	.00006	.00007	.00036	.00005	.00037	.00149
%RSD	11.851	149.24	.45488	138.51	98.786	383.00	103.12

#1	-.00006	-.00000	.01538	-.00001	.00009	-.00036	.00251
#2	-.00008	.00008	.01548	-.00051	.00002	.00017	.00039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.03731	.00032	-.00033	-.19695	.00029	-.00047
Stddev	.00005	.00357	.00013	.00008	.01040	.00030	.00002
%RSD	63.320	9.5706	40.846	24.269	5.2805	100.78	3.2453

#1	.00004	.03983	.00041	-.00039	-.18960	.00008	-.00048
#2	.00010	.03478	.00023	-.00028	-.20431	.00050	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04477	-.00005	.00003	F -.01330	.00165	-.00060	-.00084
Stddev	.04665	.00005	.00489	.00073	.00001	.00019	.00111
%RSD	104.21	99.955	17273.	5.4522	.84671	31.690	132.26

#1	-.07776	-.00009	-.00343	-.01279	.00166	-.00046	-.00005
#2	-.01178	-.00002	.00349	-.01381	.00164	-.00073	-.00162

Sample Name: ICB01 Acquired: 11/27/2018 12:27:18 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00095	-0.0012	-0.00003	F 2.5782	F<.00000
Stddev	.00019	.0013	.00008	.1858	.22110
%RSD	19.475	105.4	287.78	7.2066	245.54

#1	-0.00082	-0.0021	-0.00008	2.7095	-.24639
#2	-0.00109	-0.0003	.00003	2.4468	.06629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.9	45380.	4593.1	109.18	4139.2
Stddev	2.1	153.	58.4	.93	10.7
%RSD	.05858	.33744	1.2716	.85077	.25808

#1	3643.4	45272.	4634.4	108.53	4131.6
#2	3646.4	45488.	4551.8	109.84	4146.7

Sample Name: CRI01 Acquired: 11/27/2018 12:31:23 Type: Unk
Method: P4-ICP2(v2606) 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	.02046	.04771	.01158	.02222	.05765	.09699	.11209	.00680
Stddev	.00094	.00049	.00055	.00121	.00292	.00326	.00616	.00008
%RSD	4.5933	1.0178	4.7515	5.4687	5.0601	3.3574	5.4968	1.2266
#1	.02113	.04737	.01197	.02308	.05558	.09929	.11644	.00674
#2	.01980	.04806	.01119	.02136	.05971	.09469	.10773	.00685
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	2.2623	.01122	.03437	.02366	.11626	.02470	2.2803
Stddev	.00002	.1113	.00033	.00011	.00023	.00390	.00016	.0869
%RSD	.26314	4.9214	2.9236	.31394	.97778	3.3553	.64919	3.8113
#1	.00624	2.3410	.01145	.03429	.02349	.11902	.02482	2.3417
#2	.00621	2.1836	.01098	.03444	.02382	.11350	.02459	2.2188
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04514	.01118	2.0092	.04819	.04829	2.1409	.21996	.10390
Stddev	.00001	.00035	.0984	.00004	.00184	.0965	.00162	.00404
%RSD	.02599	3.1668	4.8954	.08146	3.8062	4.5071	.73743	3.8861
#1	.04513	.01143	2.0788	.04816	.04959	2.2091	.21881	.10675
#2	.04515	.01093	1.9397	.04822	.04699	2.0727	.22111	.10104
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00514	.42702	.04363	.04468	.01967	.0216	.02164	F 2.3713
Stddev	.00327	.01656	.00057	.00018	.00034	.0010	.00100	.2357
%RSD	63.514	3.8788	1.2959	.40144	1.7047	4.427	4.6278	9.9398
#1	.00745	.43873	.04323	.04455	.01991	.0223	.02234	2.2046
#2	.00283	.41530	.04403	.04480	.01943	.0210	.02093	2.5380

Sample Name: CRI01 Acquired: 11/27/2018 12:31:23 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .19798
Stddev .13405
%RSD 67.712

#1 .10319
#2 .29276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.7	45187.	4785.8	109.96	4089.9
Stddev	14.6	153.	169.3	4.68	3.6
%RSD	.40135	.33816	3.5385	4.2529	.08779

#1	3646.0	45079.	4666.0	106.65	4092.5
#2	3625.4	45295.	4905.5	113.27	4087.4

Sample Name: ICSA01 Acquired: 11/27/2018 12:35:26 Type: Unk
Method: P4-ICP2(v2606) 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	-.00042	-.00068	-.00629	-.00038	.00343	280.83	.00540	.00059
Stddev	.00125	.00248	.00258	.00161	.00279	2.27	.00130	.00004
%RSD	295.15	366.72	41.072	428.10	81.175	.80865	23.991	6.2413
#1	.00046	.00108	-.00446	.00076	.00541	279.23	.00449	.00056
#2	-.00131	-.00243	-.00812	-.00151	.00146	282.44	.00632	.00062
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	256.95	.05602	-.00089	.00661	101.37	.01309	261.87
Stddev	.00020	5.35	.00052	.00050	.00043	3.15	.00005	5.27
%RSD	7.3449	2.0829	.92342	56.502	6.4445	3.1082	.41158	2.0129
#1	-.00257	253.16	.05565	-.00053	.00691	99.144	.01305	258.14
#2	-.00285	260.73	.05638	-.00124	.00630	103.60	.01313	265.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00588	.00866	-.10138	.00078	.00039	-.00034	-.00047	-.01173
Stddev	.00052	.00030	.00253	.00014	.00021	.01070	.00064	.00654
%RSD	8.8770	3.5048	2.4934	18.497	55.483	3139.5	135.26	55.813
#1	-.00625	.00845	-.09959	.00088	.00023	-.00791	-.00002	-.01635
#2	-.00551	.00888	-.10316	.00068	.00054	.00723	-.00092	-.00710
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00356	-.00203	.00613	-.00392	.00222	.0013	-.00721	F 5.3879
Stddev	.00419	.00118	.00005	.00113	.00002	.0018	.00167	.0900
%RSD	117.98	58.046	.87351	28.851	1.0132	139.9	23.134	1.6697
#1	-.00059	-.00120	.00610	-.00312	.00220	.0000	-.00603	5.3243
#2	-.00652	-.00286	.00617	-.00472	.00224	.0025	-.00839	5.4515

Sample Name: ICSA01 Acquired: 11/27/2018 12:35:26 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 28.258
Stddev .378
%RSD 1.3386

#1 28.525
#2 27.990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.5	40306.	4496.4	96.679	3222.6
Stddev	10.0	47.	64.4	2.523	5.6
%RSD	.30798	.11606	1.4312	2.6101	.17325

#1	3228.4	40339.	4541.9	98.463	3218.7
#2	3242.5	40273.	4450.9	94.894	3226.6

Sample Name: ICSAB01 Acquired: 11/27/2018 12:39:34 Type: Unk
Method: P4-ICP2(v2606) 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	.10934	.10904	.04133	.05760	.64850	283.47	.54993	.56985
Stddev	.00642	.00145	.00033	.00081	.00233	.76	.00060	.00017
%RSD	5.8748	1.3299	.80163	1.4004	.35893	.26763	.10956	.03019

#1	.10480	.11007	.04110	.05703	.65015	284.01	.54950	.56973
#2	.11388	.10802	.04156	.05817	.64686	282.93	.55035	.56997

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0330	259.93	.58718	.52126	.53365	99.000	.56177	262.61
Stddev	.0045	.72	.00031	.00033	.00234	.001	.00017	.61
%RSD	.43137	.27519	.05248	.06355	.43773	.00108	.03043	.23397

#1	1.0361	259.42	.58697	.52150	.53530	99.001	.56189	263.05
#2	1.0298	260.43	.58740	.52103	.53200	98.999	.56165	262.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0203	.23175	-.11344	.53435	1.0602	.00565	.00051	-.00879
Stddev	.0046	.00109	.01765	.00109	.0056	.02896	.00019	.00771
%RSD	.45061	.46881	15.561	.20389	.52961	512.50	37.572	87.727

#1	1.0235	.23252	-.12592	.53512	1.0563	-.01483	.00065	-.01424
#2	1.0170	.23098	-.10096	.53358	1.0642	.02613	.00038	-.00334

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.0073	.00350	.00690	-.00138	F 1.1508	F 1.114	F 1.0612	F 6.0251
Stddev	.0059	.00091	.00010	.00010	.0054	.001	.0049	.3034
%RSD	.58534	25.968	1.4163	7.2189	.47215	.1080	.45787	5.0362

#1	1.0114	.00414	.00697	-.00145	1.1470	1.115	1.0646	6.2396
#2	1.0031	.00286	.00683	-.00131	1.1547	1.113	1.0577	5.8105

Sample Name: ICSAB01 Acquired: 11/27/2018 12:39:34 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 28.702
Stddev 1.072
%RSD 3.7351

#1 29.460
#2 27.944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.6	40230.	4482.0	98.846	3243.4
Stddev	9.7	37.	16.7	.550	13.1
%RSD	.29730	.09151	.37237	.55668	.40482

#1	3248.7	40204.	4493.8	99.235	3234.1
#2	3262.4	40256.	4470.2	98.457	3252.7

Sample Name: CCV01 Acquired: 11/27/2018 12:43:33 Type: Unk
Method: P4-ICP2(v2606) 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	5.0012	5.0098	5.0946	5.0682	5.1032	10.211	9.9806	.25245
Stddev	.0110	.0080	.0052	.0249	.0042	.069	.0197	.00178
%RSD	.21958	.16041	.10165	.49141	.08155	.67940	.19695	.70684
#1	4.9934	5.0042	5.0909	5.0858	5.1062	10.162	9.9945	.25119
#2	5.0090	5.0155	5.0983	5.0506	5.1003	10.260	9.9667	.25372
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4850	25.695	.99644	2.4908	1.2663	4.9795	2.5485	24.706
Stddev	.0000	.053	.00554	.0019	.0007	.0113	.0175	.103
%RSD	.00146	.20815	.55563	.07576	.05618	.22654	.68596	.41878
#1	2.4851	25.658	.99252	2.4921	1.2668	4.9716	2.5362	24.779
#2	2.4850	25.733	1.0004	2.4895	1.2658	4.9875	2.5609	24.633
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4705	1.2240	24.664	2.4803	2.5144	24.480	5.0027	4.9568
Stddev	.0016	.0051	.087	.0155	.0108	.038	.0021	.0217
%RSD	.06419	.41696	.35210	.62512	.42932	.15694	.04189	.43886
#1	2.4693	1.2204	24.725	2.4694	2.5220	24.507	5.0012	4.9722
#2	2.4716	1.2277	24.602	2.4913	2.5068	24.452	5.0042	4.9414
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8961	4.9781	4.8936	5.0332	4.9732	4.995	5.0632	F 4.4215
Stddev	.0002	.0261	.0125	.0006	.0110	.002	.0150	.2316
%RSD	.00413	.52467	.25526	.01123	.22197	.0318	.29549	5.2376
#1	4.8959	4.9966	4.8848	5.0328	4.9810	4.996	5.0738	4.2577
#2	4.8962	4.9597	4.9024	5.0336	4.9654	4.994	5.0526	4.5852

Sample Name: CCV01 Acquired: 11/27/2018 12:43:33 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9967
Stddev	.2793
%RSD	9.3189

#1	2.7993
#2	3.1942

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.3	43637.	4639.0	102.88	3597.1
Stddev	6.0	313.	5.0	.44	4.1
%RSD	.17118	.71817	.10703	.42917	.11349

#1	3498.0	43858.	4635.5	102.57	3594.2
#2	3506.5	43415.	4642.5	103.20	3600.0

Sample Name: LLCCV01 Acquired: 11/27/2018 12:47:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02024	.04574	.01206	.02229	.05668	.10882	.11008	.00642	.00584
Stddev	.00221	.00103	.00086	.00129	.00053	.01514	.00023	.00008	.00015
%RSD	10.914	2.2607	7.0931	5.7810	.93280	13.911	.20790	1.2632	2.5970

#1	.01868	.04647	.01267	.02138	.05705	.09811	.10992	.00648	.00573
#2	.02181	.04501	.01146	.02321	.05631	.11952	.11025	.00636	.00595

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2318	.01047	.03288	.02220	.10691	.02357	2.2307	.04277	.01013
Stddev	.0012	.00072	.00004	.00017	.00329	.00002	.0157	.00044	.00028
%RSD	.05489	6.8308	.11243	.77115	3.0807	.08656	.70492	1.0323	2.7217

#1	2.2326	.01098	.03290	.02208	.10458	.02356	2.2418	.04246	.01033
#2	2.2309	.00997	.03285	.02232	.10924	.02359	2.2196	.04308	.00994

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	1.9139	.04555	.04495	2.0346	.20956	.10257	.00159	.41808	.04157
Stddev	.0041	.00046	.00050	.0204	.00067	.01046	.00067	.00391	.00103
%RSD	.21451	1.0012	1.1166	1.0025	.32130	10.196	42.243	.93542	2.4832

#1	1.9168	.04587	.04530	2.0202	.20909	.10997	.00111	.41531	.04084
#2	1.9110	.04523	.04459	2.0491	.21004	.09518	.00206	.42084	.04230

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04620	.01835	.0165	.02100	3.0279	.16430
Stddev	.00058	.00037	.0010	.00014	.2456	.03022
%RSD	1.2521	2.0299	6.304	.66509	8.1111	18.392

#1	.04579	.01861	.0158	.02110	2.8543	.14293
#2	.04661	.01808	.0172	.02090	3.2016	.18567

Sample Name: LLCCV01 Acquired: 11/27/2018 12:47:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.7	44846.	4647.4	108.41	4025.5
Stddev	.8	180.	21.2	1.55	4.8
%RSD	.02172	.40224	.45715	1.4291	.12019
#1	3593.2	44974.	4632.4	107.31	4028.9
#2	3592.1	44719.	4662.4	109.50	4022.0

Sample Name: CCB01 Acquired: 11/27/2018 12:51:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00014	-.00018	.00090	.00004	-.01851	-.00006
Stddev	.00130	.00055	.00082	.00100	.00029	.00020	.00161
%RSD	190.27	396.98	461.89	110.31	656.89	1.0802	2515.0

#1	-.00024	-.00025	.00040	.00161	-.00016	-.01865	-.00120
#2	.00160	.00053	-.00076	.00020	.00025	-.01836	.00107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00001	.01806	-.00055	-.00010	.00041	.01660
Stddev	.00001	.00006	.01221	.00007	.00042	.00055	.00384
%RSD	6.6376	421.51	67.598	13.451	400.59	136.12	23.156

#1	.00010	-.00006	.02669	-.00060	.00019	.00080	.01932
#2	.00009	.00003	.00943	-.00050	-.00040	.00002	.01388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00435	.00029	-.00040	-.23805	.00038	-.00062
Stddev	.00002	.02420	.00019	.00048	.01296	.00070	.00005
%RSD	86.022	555.79	66.697	119.99	5.4432	182.08	8.2496

#1	-.00001	.01276	.00015	-.00006	-.24721	-.00011	-.00066
#2	-.00004	-.02146	.00043	-.00074	-.22889	.00087	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01754	.00008	-.00527	F -.01795	.00173	-.00022	.00153
Stddev	.01957	.00001	.00074	.00280	.00321	.00041	.00150
%RSD	111.59	15.909	14.056	15.571	185.69	191.10	97.678

#1	-.00370	.00008	-.00579	-.01597	-.00054	.00008	.00047
#2	-.03137	.00007	-.00475	-.01993	.00400	-.00051	.00259

Sample Name: CCB01 Acquired: 11/27/2018 12:51:24 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00222	-0.0009	-0.00004	F 3.1342	F .16728
Stddev	.00062	.0006	.00004	.0797	.12117
%RSD	27.659	58.19	88.259	2.5422	72.438

#1	-0.00266	-0.0013	-0.00007	3.0779	.25296
#2	-0.00179	-0.0006	-0.00002	3.1906	.08160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.3	44884.	4854.0	112.49	4082.8
Stddev	19.1	26.	250.4	6.38	20.0
%RSD	.52879	.05851	5.1577	5.6705	.48993

#1	3604.8	44903.	5031.1	117.00	4068.6
#2	3631.8	44866.	4677.0	107.98	4096.9

Sample Name: PB114858BL Acquired: 11/27/2018 12:54:33 Type: Unk
Method: P4-ICP2(v2606) 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	.00070	-.00026	.00122	-.00071	.00080	-.00611	.00068
Stddev	.00079	.00048	.00068	.00156	.00097	.01234	.00039
%RSD	112.35	184.95	55.783	220.57	121.43	202.12	56.808

#1	.00125	.00008	.00074	.00040	.00011	-.01483	.00041
#2	.00014	-.00060	.00170	-.00181	.00149	.00262	.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00004	.01195	.00030	-.00006	-.00003	.01896
Stddev	.00006	.00000	.01608	.00014	.00013	.00050	.00339
%RSD	45.895	4.6104	134.60	47.297	214.57	1576.1	17.896

#1	.00017	.00004	.02332	.00040	.00003	-.00038	.01656
#2	.00009	.00004	.00058	.00020	-.00015	.00032	.02136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.04473	-.00007	-.00029	-.25053	.00028	-.00058
Stddev	.00005	.00077	.00055	.00053	.00721	.00018	.00018
%RSD	44.620	1.7202	790.31	182.47	2.8795	62.456	30.511

#1	-.00007	-.04419	-.00046	-.00067	-.25564	.00041	-.00070
#2	-.00014	-.04528	.00032	.00009	-.24543	.00016	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02179	.00003	-.00297	F -.01661	.00418	-.00046	.00287
Stddev	.00003	.00009	.00171	.00044	.00098	.00082	.00030
%RSD	.12680	308.79	57.628	2.6781	23.356	179.88	10.426

#1	-.02181	.00009	-.00176	-.01692	.00487	-.00103	.00309
#2	-.02177	-.00003	-.00418	-.01629	.00349	.00012	.00266

Sample Name: PB114858BL Acquired: 11/27/2018 12:54:33 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.0020	-.00007	F 3.5090	F .04029
Stddev	.00173	.0010	.00005	.3211	.34409
%RSD	95.599	51.74	65.233	9.1517	854.13

#1	-.00059	-.0013	-.00004	3.7361	.28360
#2	-.00304	-.0027	-.00010	3.2819	-.20302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.1	44888.	4608.6	105.55	4111.7
Stddev	18.9	214.	40.8	1.79	24.3
%RSD	.51822	.47647	.88516	1.6991	.58987

#1	3632.7	44737.	4637.5	104.29	4094.6
#2	3659.5	45039.	4579.8	106.82	4128.9

Sample Name: PB114858BS Acquired: 11/27/2018 12:58:38 Type: Unk
Method: P4-ICP2(v2606) 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	.76111	1.9409	.94663	1.9598	.79015	2.0052	.20538
Stddev	.00073	.0156	.00513	.0066	.00030	.0494	.00044
%RSD	.09561	.80276	.54159	.33632	.03852	2.4654	.21378

#1	.76059	1.9299	.94301	1.9551	.78994	2.0401	.20569
#2	.76162	1.9519	.95026	1.9645	.79037	1.9702	.20507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20520	.18540	1.0712	.41027	.19242	.31789	2.9134
Stddev	.00623	.00121	.0053	.01095	.00136	.00063	.0443
%RSD	3.0381	.65142	.49691	2.6686	.70927	.19672	1.5195

#1	.20960	.18455	1.0674	.41801	.19145	.31745	2.8821
#2	.20079	.18625	1.0750	.40252	.19338	.31833	2.9447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21549	2.0297	.47772	.07127	2.8113	.30341	.20613
Stddev	.00582	.0486	.00373	.00078	.0119	.00839	.00583
%RSD	2.6990	2.3968	.78125	1.0964	.42314	2.7662	2.8288

#1	.21961	1.9953	.47508	.07183	2.8197	.30934	.20201
#2	.21138	2.0641	.48036	.07072	2.8028	.29748	.21025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9411	.40097	.29246	8.6915	.94437	.63902	.19912
Stddev	.0910	.00059	.01340	.0406	.00476	.00464	.00021
%RSD	.91529	.14666	4.5807	.46712	.50359	.72597	.10428

#1	10.005	.40056	.28299	8.6628	.94101	.63574	.19898
#2	9.8767	.40139	.30193	8.7202	.94773	.64230	.19927

Sample Name: PB114858BS Acquired: 11/27/2018 12:58:38 Type: Unk
 Method: P4-ICP2(v2606) 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	.20227	5.358	.19837	F 4.4405	F<.00000
Stddev	.00021	.039	.00087	.6742	.37228
%RSD	.10469	.7257	.43893	15.182	344.37
#1	.20212	5.331	.19898	4.9172	-.37135
#2	.20242	5.386	.19775	3.9638	.15514
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.6	43739.	4550.6	106.48	4006.4
Stddev	6.1	1092.	27.7	2.40	12.3
%RSD	.16905	2.4955	.60876	2.2518	.30722
#1	3597.3	42967.	4570.2	108.18	4015.1
#2	3605.9	44511.	4531.0	104.79	3997.7

Sample Name: J5807-12 Acquired: 11/27/2018 13:29:42 Type: Unk
Method: P4-ICP2(v2606) 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	1.5027	2.5960	4.8453	3.5848	.88918	202.35	4.9977
Stddev	.0044	.0003	.0143	.0019	.00235	.34	.0086
%RSD	.29498	.01151	.29466	.05205	.26381	.16628	.17165

#1	1.4996	2.5962	4.8352	3.5834	.89084	202.12	4.9916
#2	1.5058	2.5958	4.8554	3.5861	.88753	202.59	5.0038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.3155	1.6520	166.74	F 4.0030	1.2681	.56479	297.90
Stddev	.0037	.0025	.59	.0089	.0024	.00078	2.59
%RSD	.11150	.15278	.35390	.22142	.19280	.13760	.86833

#1	3.3128	1.6502	166.32	3.9967	1.2663	.56424	296.07
#2	3.3181	1.6538	167.15	4.0092	1.2698	.56534	299.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.762	237.51	2.0136	.65064	47.745	3.7428	14.443
Stddev	.045	.82	.0003	.00238	.075	.0064	.092
%RSD	.23943	.34596	.01378	.36631	.15746	.17128	.63523

#1	18.731	236.93	2.0134	.64895	47.692	3.7383	14.378
#2	18.794	238.09	2.0138	.65232	47.798	3.7473	14.508

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	369.91	1.7274	5.2308	2.5408	F 27.674	3.3753	F 10.540
Stddev	.78	.0004	.0441	.0226	.069	.0092	.032
%RSD	.21179	.02415	.84232	.88788	.25107	.27400	.30686

#1	369.35	1.7277	5.1996	2.5249	27.723	3.3688	10.517
#2	370.46	1.7271	5.2619	2.5568	27.625	3.3819	10.563

Sample Name: J5807-12 Acquired: 11/27/2018 13:29:42 Type: Unk
 Method: P4-ICP2(v2606) 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 20.994	F 14.98	3.4271	1.8086	F<.00000
Stddev	.038	.03	.0035	.1600	1.4703
%RSD	.18005	.1783	.10250	8.8481	4.8815

#1	20.968	14.96	3.4246	1.9218	-29.080
#2	21.021	15.00	3.4296	1.6955	-31.159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.2	44491.	5121.1	95.885	2883.2
Stddev	.8	59.	4.3	.535	.4
%RSD	.02276	.13294	.08454	.55812	.01454

#1	3522.6	44449.	5118.0	96.264	2883.5
#2	3523.7	44533.	5124.2	95.507	2882.9

Sample Name: J5807-12DLX10 Acquired: 11/27/2018 13:34:04 Type: Unk
Method: P4-ICP2(v2606) 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	.16717	.27269	.48902	.41335	.09662	21.841	.57215	.37307	.16307
Stddev	.00002	.00345	.00081	.00240	.00099	.169	.00179	.00121	.00022
%RSD	.01486	1.2646	.16507	.58010	1.0200	.77375	.31283	.32539	.13661

#1	.16715	.27513	.48845	.41505	.09592	21.961	.57341	.37393	.16323
#2	.16718	.27025	.48960	.41166	.09732	21.722	.57088	.37222	.16291

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.781	.47794	.12347	.07427	30.889	2.4347	27.518	.19855	.07173
Stddev	.040	.00232	.00034	.00019	.069	.0063	.017	.00037	.00076
%RSD	.20029	.48583	.27392	.26160	.22204	.25730	.06207	.18527	1.0580

#1	19.809	.47958	.12323	.07413	30.841	2.4391	27.530	.19829	.07119
#2	19.753	.47630	.12371	.07441	30.938	2.4303	27.506	.19881	.07226

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2210	.43765	1.6262	41.646	.20520	.59131	.20331	3.3301	.32978
Stddev	.0169	.00158	.0095	.104	.00060	.00574	.00102	.0014	.00026
%RSD	.32301	.36089	.58453	.24967	.29451	.97144	.50078	.04319	.07875

#1	5.2090	.43876	1.6195	41.719	.20563	.58725	.20403	3.3311	.32996
#2	5.2329	.43653	1.6329	41.572	.20478	.59537	.20259	3.3291	.32959

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2195	2.3712	1.367	.39092	5.1525	.00399
Stddev	.0004	.0085	.003	.00145	.2182	.32612
%RSD	.02935	.36004	.2092	.37009	4.2346	8171.4

#1	1.2198	2.3773	1.365	.39194	5.3068	-.22661
#2	1.2193	2.3652	1.369	.38990	4.9982	.23459

Sample Name: J5807-12DLX10 Acquired: 11/27/2018 13:34:04 Type: Unk
Method: P4-ICP2(v2606) 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	3451.0	42852.	4680.8	102.73	3559.0
Stddev	11.6	138.	.9	.28	16.4
%RSD	.33591	.32270	.01946	.26815	.46075
#1	3442.8	42754.	4681.5	102.93	3547.4
#2	3459.2	42950.	4680.2	102.54	3570.6

Sample Name: LR CHECK1 Acquired: 11/27/2018 13:37:54 Type: Unk
Method: P4-ICP2(v2606) 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	-.00327	-.00454	-.14842	-.03355	.05744	1946.6	.01166	.00678
Stddev	.00170	.00127	.00273	.00249	.00754	2.8	.00059	.00032
%RSD	52.091	27.974	1.8399	7.4354	13.136	.14503	5.0432	4.7020

#1	-.00448	-.00364	-.15035	-.03531	.06277	1944.6	.01125	.00701
#2	-.00207	-.00544	-.14649	-.03178	.05210	1948.6	.01208	.00656

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	1872.5	.12107	.04469	-.47598	842.29	.01820	1845.9
Stddev	.00072	2.8	.00088	.00041	.00094	3.64	.00040	7.9
%RSD	10.279	.14839	.72790	.92697	.19767	.43249	2.2098	.42812

#1	.00749	1874.4	.12169	.04499	-.47531	839.72	.01848	1840.3
#2	.00647	1870.5	.12044	.04440	-.47664	844.87	.01791	1851.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13268	.08136	1681.3	.00679	.11477	956.28	.03068	-.14945
Stddev	.00172	.00109	50.3	.00023	.00052	2.84	.00123	.01069
%RSD	1.2968	1.3360	2.9896	3.3417	.45515	.29681	4.0241	7.1510

#1	.13146	.08213	1716.8	.00695	.11440	954.27	.03155	-.15700
#2	.13390	.08059	1645.7	.00663	.11514	958.29	.02980	-.14189

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44649	.09188	.05835	-.04853	.06308	.0621	-.90640	8.2445
Stddev	.01901	.00377	.00134	.00185	.00081	.0066	.00375	.1104
%RSD	4.2569	4.1000	2.3033	3.8200	1.2817	10.59	.41425	1.3394

#1	.43305	.08922	.05740	-.04722	.06251	.0667	-.90375	8.3226
#2	.45992	.09454	.05930	-.04984	.06365	.0574	-.90906	8.1664

Sample Name: LR CHECK1 Acquired: 11/27/2018 13:37:54 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 44.232
 Stddev .633
 %RSD 1.4318

#1 43.784
 #2 44.680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.8	30872.	3941.4	78.238	1945.5
Stddev	.5	163.	16.5	.390	1.9
%RSD	.02007	.52638	.41815	.49865	.09552

#1	2421.2	30757.	3953.0	78.514	1946.8
#2	2420.5	30986.	3929.7	77.962	1944.2

Sample Name: LR CHECK2 Acquired: 11/27/2018 13:59:30 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	-.00814	270.05	.02387	-.03319	-.31670	96.925	-.00157
Stddev	.00093	.00330	6.74	.00054	.00220	.00010	1.594	.00007
%RSD	28.959	40.566	2.4943	2.2784	6.6428	.03162	1.6444	4.4418

#1	-.00254	-.01048	265.29	.02349	-.03163	-.31677	98.052	-.00162
#2	-.00385	-.00581	274.81	.02426	-.03475	-.31663	95.798	-.00152

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00718	.24232	-.14621	.00151	264.17	-.87505	43.596	-.04889
Stddev	.00016	.01521	.00242	.00022	11.31	.02997	1.006	.03469
%RSD	2.2364	6.2784	1.6554	14.710	4.2819	3.4250	2.3086	70.950

#1	-.00707	.23156	-.14450	.00166	256.17	-.85386	44.307	-.07342
#2	-.00730	.25308	-.14792	.00135	272.16	-.89625	42.884	-.02436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.878	.00386	.23968	.00052	36.518	.35704	-.00350	-.01375
Stddev	1.283	.00014	.00315	.00006	.354	.03915	.00006	.00358
%RSD	2.3814	3.6634	1.3148	11.205	.96908	10.966	1.7620	26.015

#1	52.970	.00396	.23745	.00048	36.268	.32935	-.00355	-.01122
#2	54.785	.00376	.24191	.00057	36.768	.38472	-.00346	-.01628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07741	.00286	.00272	.02200	-.00048	-3.058	.00320	4.7403
Stddev	.00482	.00024	.00004	.00052	.00027	.082	.00019	.5658
%RSD	6.2287	8.4773	1.4334	2.3799	55.712	2.676	5.9214	11.937

#1	.07400	.00303	.00269	.02163	-.00067	-3.000	.00307	5.1404
#2	.08082	.00269	.00275	.02237	-.00029	-3.116	.00333	4.3402

Sample Name: LR CHECK2 Acquired: 11/27/2018 13:59:30 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .67030
Stddev .07621
%RSD 11.370

#1 .72419
#2 .61641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.6	44463.	4762.5	103.70	3416.4
Stddev	63.8	831.	15.7	.62	65.6
%RSD	1.9259	1.8684	.32941	.60132	1.9198

#1	3355.6	43875.	4751.4	104.14	3462.8
#2	3265.5	45050.	4773.5	103.25	3370.1

Sample Name: J6012-15 Acquired: 11/27/2018 14:03:58 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.25410	k .09365	^ *****	k -.05564	k 1.0198	k 2.2926	.41234
Stddev	.01965	.01236	-----	.00083	.0805	.0366	.01086
%RSD	7.7332	13.196	-----	1.4995	7.8941	1.5955	2.6337

#1	k -.24020	k .08491	^ -----	k -.05505	k .96289	k 2.2667	.42002
#2	k -.26799	k .10238	^ -----	k -.05623	k 1.0767	k 2.3184	.40466

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00527	k -.30110	k 70.330	kF 183.53	k 1.9309	kF 361.93	k 179.92
Stddev	.00001	.04351	1.417	1.70	.2897	22.50	.48
%RSD	.21996	14.450	2.0154	.92502	15.002	6.2182	.26830

#1	-.00528	k -.27033	k 71.332	k 182.33	k 1.7261	k 346.01	k 179.58
#2	-.00526	k -.33186	k 69.327	k 184.73	k 2.1358	k 377.84	k 180.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0029	1.6690	F 1726.5	k -.01665	694.08	k -.49379	kF 45.946
Stddev	.0173	.0091	243.8	.00011	21.22	.00837	1.729
%RSD	1.7274	.54247	14.119	.66128	3.0570	1.6950	3.7634

#1	.99069	1.6626	1554.1	k -.01673	709.09	k -.48787	k 47.169
#2	1.0152	1.6754	1898.9	k -.01657	679.08	k -.49971	k 44.724

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.804	.03719	kF 529.99	kF 786.02	k .31019	k .81987	k .81976
Stddev	1.484	.00261	12.79	113.40	.01770	.12258	.16498
%RSD	2.4005	7.0258	2.4132	14.427	5.7057	14.951	20.125

#1	62.853	.03535	k 539.04	k 705.84	k .32271	k .73320	k .70310
#2	60.755	.03904	k 520.95	k 866.21	k .29768	k .90655	k .93641

Sample Name: J6012-15 Acquired: 11/27/2018 14:03:58 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-25 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03246	k 7.434	k .29935	8.0832	24.755
Stddev	.00174	1.064	.00669	.1286	.598
%RSD	5.3735	14.31	2.2354	1.5905	2.4141

#1	.03369	k 6.682	k .30409	7.9923	25.177
#2	.03122	k 8.186	k .29462	8.1741	24.332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.5	38985.	4626.7	78.055	1206.9
Stddev	169.6	524.	105.4	.224	170.3
%RSD	5.9965	1.3444	2.2785	.28697	14.113

#1	2947.4	39355.	4552.2	78.213	1327.3
#2	2707.6	38614.	4701.2	77.896	1086.4

Sample Name: J6012-15DLX10 Acquired: 11/27/2018 14:08:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02155	-.00182	.14265	-.00219	-.19941	.16221	.04264	-.00056
Stddev	.00072	.00024	.00121	.00108	.00307	.00482	.00107	.00003
%RSD	3.3223	13.288	.85135	49.152	1.5419	2.9710	2.5173	5.4292

#1	-.02206	-.00199	.14179	-.00295	-.20158	.15880	.04188	-.00054
#2	-.02105	-.00165	.14350	-.00143	-.19723	.16562	.04340	-.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01659	7.6335	F 22.636	.08149	39.957	15.477	.10781	.19607
Stddev	.00013	.0778	.030	.00172	.403	.008	.00028	.03672
%RSD	.76094	1.0187	.13289	2.1086	1.0096	.05197	.25659	18.728

#1	-.01650	7.5785	22.615	.08027	39.672	15.482	.10762	.17011
#2	-.01668	7.6885	22.657	.08270	40.242	15.471	.10801	.22204

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 126.60	-.00023	76.123	.02630	6.6318	6.6471	.00344	F 58.297
Stddev	1.74	.00045	.997	.00034	.0216	.0750	.00019	.707
%RSD	1.3781	194.05	1.3095	1.2793	.32494	1.1288	5.5398	1.2122

#1	125.36	.00009	75.418	.02654	6.6471	6.5940	.00331	57.797
#2	127.83	-.00055	76.828	.02606	6.6166	6.7001	.00358	58.797

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.179	.31082	.02487	.05167	.01389	.3265	.01437	5.9635
Stddev	.428	.00220	.00077	.00197	.00147	.0080	.00022	.0594
%RSD	1.2516	.70905	3.1009	3.8130	10.562	2.453	1.5578	.99570

#1	33.877	.31238	.02433	.05307	.01492	.3208	.01422	6.0054
#2	34.482	.30926	.02542	.05028	.01285	.3322	.01453	5.9215

Sample Name: J6012-15DLX10 Acquired: 11/27/2018 14:08:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-25 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0609
Stddev	.4882
%RSD	12.021

#1	3.7157
#2	4.4061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.2	42508.	4643.2	100.47	3297.0
Stddev	26.5	109.	40.7	.37	38.0
%RSD	.79439	.25617	.87569	.36834	1.1520

#1	3350.0	42431.	4671.9	100.20	3323.8
#2	3312.5	42585.	4614.4	100.73	3270.1

Sample Name: J6012-17 Acquired: 11/27/2018 14:12:15 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.10483	k .02590	^ *****	k -.09111	k .55757	k 32.428	.52491
Stddev	.00026	.00108	-----	.00253	.00441	.412	.00425
%RSD	.25179	4.1733	-----	2.7728	.79094	1.2692	.80880

#1	k -.10464	k .02513	^ -----	k -.08932	k .55445	k 32.137	.52791
#2	k -.10502	k .02666	^ -----	k -.09290	k .56069	k 32.719	.52191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	k -.02411	k 600.26	kF 103.95	.65938	kF 410.77	k 423.19
Stddev	.00023	.00067	5.09	1.54	.01795	2.46	10.23
%RSD	42.222	2.7745	.84879	1.4827	2.7224	.59995	2.4169

#1	.00038	k -.02364	k 603.86	k 102.86	.64668	k 409.03	k 430.42
#2	.00071	k -.02458	k 596.65	k 105.04	.67207	k 412.52	k 415.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4247	63.876	F 653.03	k -.01646	1010.6	k -.19488	k 8.4938
Stddev	.0321	.402	14.41	.00013	17.5	.00083	.3702
%RSD	1.3247	.62911	2.2058	.79956	1.7273	.42640	4.3588

#1	2.4020	64.160	642.85	k -.01637	1022.9	k -.19429	k 8.7556
#2	2.4474	63.592	663.22	k -.01655	998.26	k -.19547	k 8.2320

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	139.63	.01589	kF 22.187	kF 289.30	kF 10.639	k .26713	k .41868
Stddev	1.37	.00021	.187	7.55	.090	.00978	.00853
%RSD	.97872	1.3014	.84498	2.6110	.84819	3.6621	2.0376

#1	140.60	.01604	k 22.320	k 283.96	k 10.703	k .26021	k .41264
#2	138.67	.01574	k 22.055	k 294.64	k 10.575	k .27405	k .42471

Sample Name: J6012-17 Acquired: 11/27/2018 14:12:15 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-26 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07853	^ *****	k .96836	5.0534	45.766
Stddev	.00166	-----	.00762	.7855	.365
%RSD	2.1091	-----	.78671	15.544	.79863

#1	.07736	^ -----	k .97375	4.4979	46.025
#2	.07970	k 12.83	k .96298	5.6088	45.508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.8	41560.	5048.8	84.620	1777.4
Stddev	19.5	441.	59.2	2.290	38.0
%RSD	.63888	1.0614	1.1717	2.7062	2.1402

#1	3063.6	41872.	5007.0	83.001	1804.3
#2	3036.0	41248.	5090.7	86.239	1750.5

Sample Name: J6012-17DLX10 Acquired: 11/27/2018 14:16:28 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00792	-.00039	.10837	.00537	-.11539	3.0849	.05510	.00008
Stddev	.00075	.00011	.00067	.00065	.00011	.0548	.00113	.00009
%RSD	9.5145	27.676	.62022	12.130	.09826	1.7774	2.0596	118.41
#1	-.00845	-.00046	.10790	.00583	-.11531	3.1237	.05590	.00001
#2	-.00739	-.00031	.10885	.00491	-.11547	3.0461	.05429	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00690	67.094	F 13.193	.04198	49.265	37.746	.28261	7.3886
Stddev	.00022	.293	.187	.00060	.373	.343	.00458	.0090
%RSD	3.1180	.43671	1.4151	1.4244	.75699	.90782	1.6198	.12148
#1	-.00706	67.301	13.325	.04240	49.529	37.988	.28584	7.3949
#2	-.00675	66.887	13.061	.04156	49.001	37.503	.27937	7.3822
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.105	.00270	116.77	.02240	.81306	14.858	.00170	2.6911
Stddev	.327	.00046	.52	.00012	.00739	.077	.00010	.0112
%RSD	.59299	17.134	.44135	.55793	.90910	.51618	5.8728	.41746
#1	55.336	.00303	117.14	.02249	.81829	14.912	.00177	2.6832
#2	54.874	.00238	116.41	.02231	.80783	14.804	.00163	2.6991
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.353	1.4033	.01173	.03667	.02476	.7881	.06326	5.7245
Stddev	.089	.0082	.00076	.00167	.00004	.0077	.00062	.4098
%RSD	.51423	.58306	6.5051	4.5448	.14663	.9743	.98049	7.1594
#1	17.416	1.3976	.01227	.03549	.02473	.7935	.06370	6.0143
#2	17.290	1.4091	.01119	.03785	.02478	.7826	.06282	5.4347

Sample Name: J6012-17DLX10 Acquired: 11/27/2018 14:16:28 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-26 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.0935
Stddev	.5096
%RSD	5.6037

#1	8.7332
#2	9.4538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.0	41910.	4661.7	102.35	3343.7
Stddev	22.7	667.	18.9	.75	18.6
%RSD	.68343	1.5922	.40582	.73438	.55609

#1	3306.0	41438.	4648.4	101.82	3330.6
#2	3338.1	42382.	4675.1	102.88	3356.9

Sample Name: CCV02 Acquired: 11/27/2018 14:20:25 Type: Unk
Method: P4-ICP2(v2606) 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	4.9132	5.0467	4.9940	5.0291	5.1782	10.660	10.113	.24986
Stddev	.0080	.0008	.0066	.0094	.0152	.181	.004	.00568
%RSD	.16215	.01620	.13317	.18600	.29436	1.7010	.04386	2.2721
#1	4.9076	5.0461	4.9893	5.0225	5.1674	10.532	10.117	.24584
#2	4.9189	5.0473	4.9988	5.0357	5.1890	10.788	10.110	.25387
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5090	26.398	.98942	2.5323	1.2769	4.9339	2.5516	24.505
Stddev	.0039	.149	.02107	.0027	.0019	.0002	.0438	.217
%RSD	.15670	.56405	2.1298	.10581	.14927	.00364	1.7173	.88542
#1	2.5062	26.293	.97452	2.5304	1.2756	4.9337	2.5206	24.351
#2	2.5118	26.503	1.0043	2.5342	1.2783	4.9340	2.5826	24.658
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4896	1.2084	24.695	2.4768	2.4836	24.901	5.0197	5.0715
Stddev	.0050	.0199	.101	.0427	.0154	.042	.0069	.0144
%RSD	.20303	1.6459	.40914	1.7251	.62161	.16879	.13807	.28379
#1	2.4861	1.1944	24.766	2.4466	2.4945	24.872	5.0148	5.0613
#2	2.4932	1.2225	24.624	2.5070	2.4727	24.931	5.0246	5.0816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8379	4.9252	4.8561	5.0503	5.0912	5.116	5.1220	F 5.8555
Stddev	.0072	.0096	.0209	.0032	.0049	.009	.0093	.0767
%RSD	.14947	.19540	.43073	.06265	.09620	.1768	.18070	1.3105
#1	4.8328	4.9184	4.8413	5.0525	5.0878	5.110	5.1285	5.8013
#2	4.8430	4.9320	4.8709	5.0480	5.0947	5.122	5.1154	5.9098

Sample Name: CCV02 Acquired: 11/27/2018 14:20:25 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9115
Stddev .3525
%RSD 12.108

#1 3.1607
#2 2.6622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.0	42762.	4644.5	102.53	3507.4
Stddev	1.0	597.	3.4	.83	2.3
%RSD	.02854	1.3960	.07362	.81181	.06652

#1	3414.3	43185.	4646.9	101.94	3505.7
#2	3415.7	42340.	4642.1	103.12	3509.0

Sample Name: CCB02 Acquired: 11/27/2018 14:24:10 Type: Unk
Method: P4-ICP2(v2606) 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	-.00068	.00111	.00190	.00094	.00042	.00071	-.00047
Stddev	.00051	.00020	.00038	.00164	.00251	.00542	.00025
%RSD	75.653	17.697	20.258	173.81	601.75	758.92	52.766

#1	-.00032	.00125	.00162	.00210	.00219	-.00312	-.00029
#2	-.00104	.00097	.00217	-.00022	-.00136	.00455	-.00064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00012	.03000	.00002	-.00009	.00037	.00346
Stddev	.00002	.00000	.00640	.00008	.00008	.00017	.00061
%RSD	33.334	1.5075	21.347	339.09	91.739	47.157	17.659

#1	-.00007	.00012	.02547	-.00003	-.00014	.00025	.00389
#2	-.00004	.00013	.03452	.00008	-.00003	.00049	.00303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.01450	.00088	-.00046	.03253	.00060	-.00037
Stddev	.00001	.02828	.00068	.00070	.01487	.00010	.00005
%RSD	6.3733	195.05	77.712	152.00	45.712	16.541	14.262

#1	-.00016	.03450	.00136	.00003	.04304	.00067	-.00033
#2	-.00017	-.00550	.00040	-.00096	.02202	.00053	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27461	.00037	F .12203	F -.01486	.00391	.00012	.00146
Stddev	.00535	.00014	.00621	.00409	.00207	.00035	.00068
%RSD	1.9476	38.509	5.0911	27.531	53.093	300.12	46.377

#1	.27839	.00048	.12643	-.01776	.00244	-.00013	.00098
#2	.27083	.00027	.11764	-.01197	.00537	.00036	.00194

Sample Name: CCB02 Acquired: 11/27/2018 14:24:10 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00661	-.0016	.00008	F 3.9525	F .44246
Stddev	.00119	.0008	.00001	.7002	.03445
%RSD	17.959	49.47	10.168	17.716	7.7866

#1	.00745	-.0021	.00008	4.4476	.41810
#2	.00577	-.0010	.00007	3.4573	.46682

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.6	44820.	4673.6	106.47	4044.2
Stddev	10.8	740.	23.8	2.11	4.4
%RSD	.30144	1.6521	.51008	1.9804	.10905

#1	3583.2	44296.	4656.7	104.98	4047.3
#2	3568.0	45343.	4690.5	107.96	4041.1

Sample Name: PB115041BL Acquired: 11/27/2018 14:28:16 Type: Unk
Method: P4-ICP2(v2606) 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	.00132	-.00026	.00145	-.00083	-.00038	-.01222	-.00128
Stddev	.00033	.00031	.00056	.00156	.00088	.00384	.00027
%RSD	25.158	117.65	38.263	188.23	232.98	31.398	21.067

#1	.00156	-.00049	.00106	.00027	-.00100	-.00951	-.00147
#2	.00109	-.00004	.00184	-.00194	.00025	-.01494	-.00109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00011	.01615	-.00024	.00001	.00064	.00467
Stddev	.00012	.00009	.00674	.00041	.00001	.00027	.00951
%RSD	430.26	80.730	41.705	169.29	165.74	41.793	203.58

#1	-.00011	.00018	.01139	.00005	-.00000	.00045	.01139
#2	.00006	.00005	.02091	-.00053	.00002	.00083	-.00205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.02195	.00105	-.00070	-.05160	.00010	-.00039
Stddev	.00004	.05166	.00011	.00028	.00948	.00065	.00011
%RSD	37.214	235.33	10.087	40.544	18.365	625.56	26.757

#1	-.00008	-.01458	.00097	-.00050	-.04490	-.00035	-.00032
#2	-.00014	.05848	.00112	-.00089	-.05830	.00056	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18385	-.00001	F .09678	F -.01761	.00292	-.00043	.00054
Stddev	.01292	.00012	.01086	.00014	.00027	.00010	.00418
%RSD	7.0263	1899.5	11.222	.77613	9.2516	22.295	769.06

#1	.19299	-.00009	.08910	-.01770	.00311	-.00036	-.00241
#2	.17472	.00008	.10446	-.01751	.00273	-.00050	.00350

Sample Name: PB115041BL Acquired: 11/27/2018 14:28:16 Type: Unk
 Method: P4-ICP2(v2606) 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	.00375	-.0011	.00002	F 3.7321	F .28272
Stddev	.00049	.0005	.00001	.2468	.63377
%RSD	13.114	48.04	34.554	6.6133	224.17

#1	.00340	-.0007	.00001	3.9066	.73086
#2	.00410	-.0014	.00002	3.5576	-.16543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3569.0	44558.	4730.3	106.84	4032.2
Stddev	4.8	325.	22.8	.70	13.3
%RSD	.13578	.73034	.48304	.65432	.32921

#1	3572.5	44327.	4714.2	106.35	4041.6
#2	3565.6	44788.	4746.5	107.33	4022.8

Sample Name: PB115041BS Acquired: 11/27/2018 14:32:22 Type: Unk
Method: P4-ICP2(v2606) 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	.74781	1.9558	.95428	1.9609	.80495	2.0292	.20740
Stddev	.00320	.0095	.00235	.0036	.00421	.0053	.00431
%RSD	.42818	.48479	.24579	.18248	.52311	.26079	2.0783

#1	.75007	1.9625	.95594	1.9634	.80793	2.0329	.20435
#2	.74555	1.9491	.95262	1.9584	.80198	2.0254	.21045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19779	.18723	1.0941	.40292	.19553	.31996	2.9694
Stddev	.00053	.00093	.0060	.00018	.00120	.00119	.0672
%RSD	.26685	.49410	.54964	.04441	.61318	.37071	2.2636

#1	.19742	.18788	1.0898	.40279	.19638	.32080	2.9219
#2	.19816	.18658	1.0983	.40304	.19469	.31912	3.0169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21145	2.0754	.48218	.06888	2.9898	.29613	.20422
Stddev	.00055	.0032	.00184	.00113	.0699	.00027	.00383
%RSD	.26016	.15455	.38260	1.6364	2.3388	.09074	1.8733

#1	.21184	2.0732	.48348	.06968	2.9404	.29594	.20152
#2	.21106	2.0777	.48087	.06808	3.0393	.29632	.20693

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.197	.40424	F .38299	8.6291	.92127	.63860	.20286
Stddev	.153	.00125	.00548	.0501	.01399	.00317	.00002
%RSD	1.4972	.30888	1.4300	.58034	1.5185	.49616	.01014

#1	10.089	.40512	.38686	8.6646	.91138	.64084	.20284
#2	10.304	.40335	.37912	8.5937	.93116	.63636	.20287

Sample Name: PB115041BS Acquired: 11/27/2018 14:32:22 Type: Unk
 Method: P4-ICP2(v2606) 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	.21316	5.467	.20293	F 4.1787	F<.00000
Stddev	.00167	.033	.00313	.0814	.27790
%RSD	.78133	.6044	1.5437	1.9485	26.878

#1	.21198	5.490	.20072	4.1211	-1.2304
#2	.21434	5.443	.20515	4.2363	-.83742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.0	44213.	4609.7	106.53	3961.8
Stddev	7.5	15.	73.3	1.96	24.3
%RSD	.21233	.03484	1.5895	1.8359	.61272

#1	3548.7	44202.	4661.5	107.92	3944.6
#2	3559.4	44224.	4557.9	105.15	3978.9

Sample Name: PB115053BL Acquired: 11/27/2018 14:36:14 Type: Unk
Method: P4-ICP2(v2606) 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	-.00031	.00048	.00065	-.00112	-.00091	-.00608	-.00158
Stddev	.00042	.00025	.00074	.00152	.00052	.00686	.00012
%RSD	137.32	51.367	113.21	135.65	57.584	112.75	7.6659

#1	-.00061	.00031	.00013	-.00005	-.00054	-.00123	-.00150
#2	-.00001	.00066	.00118	-.00220	-.00128	-.01094	-.00167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00007	.01346	.00003	-.00006	-.00027	.00551
Stddev	.00000	.00004	.01556	.00026	.00008	.00012	.00326
%RSD	2.5297	52.428	115.61	787.97	135.21	45.194	59.225

#1	.00003	.00010	.02446	.00022	-.00012	-.00035	.00782
#2	.00003	.00005	.00246	-.00015	-.00000	-.00018	.00320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.08851	.00040	-.00024	-.12130	.00030	-.00035
Stddev	.00003	.02342	.00029	.00015	.01006	.00023	.00003
%RSD	13.229	26.461	72.708	61.414	8.2946	78.080	7.3658

#1	-.00023	.10508	.00061	-.00014	-.11419	.00013	-.00037
#2	-.00019	.07195	.00019	-.00035	-.12842	.00046	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14080	.00015	F .07488	F -.01802	.00080	.00006	.00170
Stddev	.02228	.00033	.00639	.00384	.00265	.00024	.00137
%RSD	15.828	221.30	8.5383	21.335	329.91	407.89	80.837

#1	.12504	-.00008	.07940	-.02074	.00268	.00023	.00267
#2	.15655	.00038	.07036	-.01530	-.00107	-.00011	.00073

Sample Name: PB115053BL Acquired: 11/27/2018 14:36:14 Type: Unk
Method: P4-ICP2(v2606) 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	.00220	-.0014	-.00007	F 3.8025	F .22398
Stddev	.00054	.0001	.00005	.0630	.13191
%RSD	24.440	5.496	75.040	1.6560	58.894

#1	.00258	-.0015	-.00003	3.7580	.13070
#2	.00182	-.0014	-.00010	3.8471	.31725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3563.8	44598.	4699.2	103.87	4045.1
Stddev	4.6	9.	9.4	2.74	14.2
%RSD	.12770	.01953	.19958	2.6365	.35029

#1	3567.0	44591.	4692.5	101.93	4055.1
#2	3560.6	44604.	4705.8	105.80	4035.1

Sample Name: PB115053BS Acquired: 11/27/2018 14:40:18 Type: Unk
Method: P4-ICP2(v2606) 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	.75372	1.9736	.95922	1.9829	.81445	2.0442	.20677
Stddev	.00490	.0071	.00181	.0051	.00047	.0082	.00151
%RSD	.64972	.35984	.18909	.25886	.05796	.40255	.72995

#1	.75025	1.9685	.95794	1.9866	.81478	2.0500	.20571
#2	.75718	1.9786	.96051	1.9793	.81412	2.0384	.20784

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19870	.19060	1.0937	.40445	.19765	.31922	2.9976
Stddev	.00001	.00091	.0199	.00185	.00019	.00036	.0051
%RSD	.00441	.47734	1.8214	.45627	.09487	.11300	.17066

#1	.19871	.18996	1.1078	.40576	.19752	.31897	3.0012
#2	.19870	.19124	1.0796	.40315	.19778	.31948	2.9940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21230	2.0350	.48581	.06975	2.9106	.29696	.20370
Stddev	.00028	.0458	.00070	.00037	.0220	.00048	.00237
%RSD	.13403	2.2516	.14366	.53019	.75429	.16024	1.1640

#1	.21251	2.0026	.48532	.07001	2.8951	.29662	.20538
#2	.21210	2.0674	.48630	.06948	2.9261	.29729	.20203

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.077	.41283	F .36708	F -.02173	.92495	.64788	.20528
Stddev	.025	.00045	.00005	.00040	.00585	.00178	.00316
%RSD	.24696	.10826	.01309	1.8310	.63209	.27482	1.5413

#1	10.060	.41315	.36704	-.02145	.92082	.64662	.20304
#2	10.095	.41251	.36711	-.02201	.92909	.64914	.20751

Sample Name: PB115053BS Acquired: 11/27/2018 14:40:18 Type: Unk
Method: P4-ICP2(v2606) 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	.21012	5.533	.20232	F 4.2118	F<.00000
Stddev	.00164	.018	.00100	.1224	.02395
%RSD	.77833	.3208	.49559	2.9052	20.197

#1	.21127	5.520	.20161	4.1253	-.13553
#2	.20896	5.545	.20303	4.2983	-.10166

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.0	44164.	4628.3	105.77	3909.7
Stddev	7.3	70.	27.5	1.05	18.6
%RSD	.20678	.15771	.59327	.99213	.47656

#1	3536.1	44115.	4647.7	105.03	3922.8
#2	3525.8	44213.	4608.9	106.52	3896.5

Sample Name: PB115079BL Acquired: 11/27/2018 14:44:08 Type: Unk
Method: P4-ICP2(v2606) 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	-.00224	.00136	.00140	.00151	-.00027	-.00351	-.00067
Stddev	.00000	.00000	.00025	.00002	.00100	.00372	.00022
%RSD	.14788	.36457	18.151	1.0322	373.84	106.09	32.115

#1	-.00224	.00136	.00122	.00152	-.00097	-.00614	-.00083
#2	-.00224	.00137	.00158	.00149	.00044	-.00088	-.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00000	.02963	-.00008	.00004	.00044	.00774
Stddev	.00002	.00002	.00544	.00008	.00019	.00022	.00304
%RSD	37.173	898.00	18.350	101.08	452.34	49.925	39.280

#1	.00006	-.00001	.02578	-.00014	.00018	.00060	.00989
#2	.00003	.00002	.03347	-.00002	-.00009	.00029	.00559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.02084	.00011	-.00053	-.17296	.00020	-.00044
Stddev	.00006	.04604	.00023	.00003	.00716	.00027	.00003
%RSD	46.537	220.95	211.45	5.9000	4.1382	133.28	6.2321

#1	-.00016	.05339	.00028	-.00055	-.16790	.00001	-.00046
#2	-.00008	-.01172	-.00005	-.00051	-.17802	.00039	-.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07094	.00015	F .07626	F -.02077	.00278	-.00041	-.00060
Stddev	.02354	.00003	.00410	.00035	.00135	.00010	.00036
%RSD	33.185	17.266	5.3719	1.6954	48.452	23.697	59.346

#1	.08758	.00017	.07337	-.02052	.00374	-.00047	-.00086
#2	.05429	.00013	.07916	-.02102	.00183	-.00034	-.00035

Sample Name: PB115079BL Acquired: 11/27/2018 14:44:08 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00131	-.0005	.00007	F 4.0599	F<.00000
Stddev	.00050	.0014	.00010	.1578	.11272
%RSD	38.179	258.7	137.89	3.8866	140.08

#1	.00096	.0004	.00000	4.1714	-.00076
#2	.00167	-.0015	.00014	3.9483	-.16018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.4	44300.	4634.7	106.52	4028.2
Stddev	3.0	272.	4.8	1.17	2.0
%RSD	.08547	.61416	.10340	1.0983	.05027

#1	3569.5	44107.	4631.3	105.69	4026.8
#2	3565.2	44492.	4638.0	107.35	4029.7

Sample Name: PB115079BS Acquired: 11/27/2018 14:48:11 Type: Unk
Method: P4-ICP2(v2606) 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	.76348	1.9668	.96917	1.9184	.85172	2.1766	.21737
Stddev	.00088	.0052	.00211	.0026	.00126	.0150	.00060
%RSD	.11520	.26342	.21742	.13753	.14810	.69159	.27564

#1	.76286	1.9705	.97066	1.9203	.85262	2.1659	.21695
#2	.76410	1.9632	.96768	1.9166	.85083	2.1872	.21780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19559	.19115	1.1780	.42692	.20489	.32415	3.1353
Stddev	.00029	.00087	.0234	.00114	.00052	.00042	.0383
%RSD	.15018	.45721	1.9865	.26600	.25359	.13011	1.2209

#1	.19580	.19177	1.1615	.42612	.20525	.32445	3.1082
#2	.19538	.19053	1.1946	.42772	.20452	.32386	3.1623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22186	2.1348	.49839	.06997	3.0206	.31691	.20540
Stddev	.00017	.0724	.00102	.00010	.0138	.00061	.00198
%RSD	.07634	3.3921	.20429	.14595	.45509	.19284	.96260

#1	.22174	2.0836	.49911	.07004	3.0109	.31734	.20400
#2	.22198	2.1860	.49767	.06990	3.0303	.31648	.20679

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.513	.45382	F .37437	F -.01929	.95013	.68261	.22464
Stddev	.014	.00008	.00686	.00200	.00214	.00456	.00252
%RSD	.13317	.01757	1.8313	10.348	.22574	.66794	1.1219

#1	10.503	.45387	.37921	-.02071	.94861	.68584	.22286
#2	10.523	.45376	.36952	-.01788	.95165	.67939	.22642

Sample Name: PB115079BS Acquired: 11/27/2018 14:48:11 Type: Unk
 Method: P4-ICP2(v2606) 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	.21805	5.463	.21290	F 4.2723	F<.00000
Stddev	.00080	.014	.00034	.0179	.19884
%RSD	.36553	.2483	.15738	.41967	40.790

#1	.21749	5.472	.21266	4.2849	-.62806
#2	.21861	5.453	.21314	4.2596	-.34686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.5	44076.	4623.2	105.14	3925.7
Stddev	23.2	36.	7.1	.38	36.4
%RSD	.65869	.08229	.15420	.35919	.92830

#1	3499.1	44050.	4618.1	105.41	3900.0
#2	3531.8	44101.	4628.2	104.88	3951.5

Sample Name: PB115090BL Acquired: 11/27/2018 14:52:01 Type: Unk
Method: P4-ICP2(v2606) 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	-.00176	-.00008	.00139	.00194	-.00059	-.00284	-.00156
Stddev	.00104	.00000	.00072	.00144	.00014	.01809	.00092
%RSD	58.965	1.8254	51.765	74.065	24.457	637.11	58.776

#1	-.00103	-.00008	.00190	.00296	-.00049	.00995	-.00221
#2	-.00249	-.00008	.00088	.00093	-.00069	-.01563	-.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00008	.01961	.00014	-.00011	-.00010	.00402
Stddev	.00000	.00002	.00071	.00035	.00011	.00017	.00144
%RSD	136.94	24.437	3.6284	241.42	98.360	160.74	35.860

#1	.00000	.00006	.02011	-.00010	-.00019	.00001	.00300
#2	.00000	.00009	.01911	.00039	-.00003	-.00022	.00504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.07258	.00041	-.00053	-.20389	.00039	-.00038
Stddev	.00001	.02029	.00022	.00011	.00287	.00030	.00015
%RSD	3.7718	27.953	53.002	20.464	1.4089	76.243	39.753

#1	-.00018	.08693	.00057	-.00060	-.20592	.00060	-.00027
#2	-.00019	.05824	.00026	-.00045	-.20186	.00018	-.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07032	-.00033	F .05345	F -.01919	.00286	-.00006	.00122
Stddev	.02120	.00015	.00048	.00088	.00111	.00067	.00143
%RSD	30.151	45.161	.89550	4.6081	38.809	1129.5	117.69

#1	.08532	-.00023	.05379	-.01982	.00365	-.00054	.00223
#2	.05533	-.00044	.05311	-.01857	.00208	.00042	.00020

Sample Name: PB115090BL Acquired: 11/27/2018 14:52:01 Type: Unk
 Method: P4-ICP2(v2606) 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	.00086	-.0020	.00011	F 4.0330	F<.00000
Stddev	.00034	.0011	.00010	.2007	.24877
%RSD	39.066	54.41	90.682	4.9773	586.43

#1	.00062	-.0012	.00004	4.1749	.13348
#2	.00110	-.0028	.00018	3.8911	-.21833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.1	44593.	4673.1	107.47	4070.3
Stddev	25.1	154.	54.0	.81	13.1
%RSD	.69816	.34458	1.1557	.75065	.32295

#1	3581.3	44484.	4634.9	106.90	4061.0
#2	3616.9	44702.	4711.3	108.04	4079.6

Sample Name: PB115090BS Acquired: 11/27/2018 14:56:04 Type: Unk
Method: P4-ICP2(v2606) 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	.72997	1.8907	.93120	1.8616	.81612	2.0716	.20732
Stddev	.00131	.0099	.00401	.0030	.00263	.0111	.00012
%RSD	.17886	.52236	.43065	.15937	.32281	.53755	.05735

#1	.72905	1.8837	.92836	1.8595	.81799	2.0637	.20723
#2	.73090	1.8977	.93404	1.8637	.81426	2.0794	.20740

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18697	.18363	1.0921	.41065	.19714	.31100	2.9852
Stddev	.00036	.00080	.0247	.00125	.00058	.00112	.0707
%RSD	.18991	.43666	2.2645	.30504	.29475	.35866	2.3696

#1	.18672	.18307	1.0746	.41154	.19673	.31179	2.9352
#2	.18723	.18420	1.1096	.40977	.19755	.31021	3.0352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21288	2.0211	.48150	.06669	2.8648	.30361	.19333
Stddev	.00030	.0312	.00145	.00019	.0198	.00109	.00421
%RSD	.13963	1.5437	.30064	.27742	.69238	.35965	2.1765

#1	.21267	2.0432	.48047	.06656	2.8508	.30283	.19036
#2	.21309	1.9990	.48252	.06683	2.8788	.30438	.19631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.006	.43423	.33807	F -.01563	.90018	.65343	.21053
Stddev	.017	.00005	.00086	.00314	.00158	.00268	.00423
%RSD	.16541	.01143	.25462	20.105	.17563	.41010	2.0108

#1	9.9940	.43426	.33746	-.01786	.90130	.65154	.20754
#2	10.017	.43419	.33868	-.01341	.89906	.65533	.21353

Sample Name: PB115090BS Acquired: 11/27/2018 14:56:04 Type: Unk
Method: P4-ICP2(v2606) 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	.20841	5.264	.20549	F 3.7889	F<.00000
Stddev	.00169	.019	.00003	.1858	.09421
%RSD	.81301	.3585	.01502	4.9049	10.803

#1	.20961	5.251	.20551	3.9203	-.80550
#2	.20721	5.277	.20547	3.6575	-.93873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.5	44362.	4677.4	107.53	3931.5
Stddev	5.0	70.	6.5	2.50	11.0
%RSD	.14294	.15843	.13819	2.3224	.28071

#1	3519.9	44312.	4672.9	109.30	3939.3
#2	3527.0	44411.	4682.0	105.77	3923.7

Sample Name: PB115090TB Acquired: 11/27/2018 14:59:55 Type: Unk
Method: P4-ICP2(v2606) 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	.00067	-.00160	.00185	.00128	.00011	-.00439	-.00297	-.00001
Stddev	.00037	.00070	.00102	.00016	.00130	.00273	.00114	.00010
%RSD	56.103	43.728	55.268	12.551	1197.9	62.097	38.464	638.93
#1	.00093	-.00110	.00113	.00140	.00103	-.00632	-.00378	.00005
#2	.00040	-.00209	.00258	.00117	-.00081	-.00246	-.00216	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.01401	.00022	-.00026	.00083	.01209	-.00010	-.00719
Stddev	.00008	.00735	.00015	.00025	.00001	.00670	.00003	.05382
%RSD	122.86	52.484	71.153	98.938	1.4242	55.385	32.102	748.36
#1	.00013	.00881	.00033	-.00008	.00082	.00736	-.00008	-.04525
#2	.00001	.01921	.00011	-.00044	.00083	.01683	-.00012	.03086
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	.00180	F 331.63	.00037	.00213	.13649	.00032	.04937
Stddev	.00011	.00004	.99	.00004	.00003	.00252	.00019	.00843
%RSD	4.4534	2.3379	.29754	10.188	1.4916	1.8460	59.753	17.068
#1	.00246	.00177	332.33	.00034	.00215	.13827	.00018	.05532
#2	.00262	.00183	330.93	.00039	.00211	.13471	.00045	.04341
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01204	.00970	.00132	.00229	.00199	-.0010	.00008	F 6.0979
Stddev	.00219	.00038	.00041	.00021	.00071	.0005	.00012	.2295
%RSD	18.220	3.9219	31.119	9.2959	35.389	53.11	155.69	3.7640
#1	-.01049	.00997	.00103	.00244	.00249	-.0006	.00016	5.9356
#2	-.01360	.00943	.00161	.00214	.00150	-.0013	-.00001	6.2602

Sample Name: PB115090TB Acquired: 11/27/2018 14:59:55 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .05576
Stddev .39990
%RSD 717.14

#1 -.22701
#2 .33854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.6	41442.	4650.2	103.81	3475.3
Stddev	16.6	27.	5.7	.64	19.6
%RSD	.50228	.06632	.12358	.62078	.56363

#1	3296.9	41462.	4646.1	103.35	3461.4
#2	3320.4	41423.	4654.2	104.27	3489.1

Sample Name: PB115091BL Acquired: 11/27/2018 15:04:06 Type: Unk
Method: P4-ICP2(v2606) 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	-.00166	.00015	.00224	.00117	-.00020	-.00965	-.00140
Stddev	.00090	.00004	.00021	.00022	.00127	.00724	.00033
%RSD	54.468	28.735	9.2386	19.266	641.75	75.067	23.807

#1	-.00102	.00012	.00209	.00132	-.00110	-.00453	-.00164
#2	-.00230	.00018	.00238	.00101	.00070	-.01477	-.00117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00008	.03635	.00036	-.00014	.00039	.01011
Stddev	.00004	.00004	.01111	.00033	.00008	.00030	.00178
%RSD	828.70	43.493	30.563	89.735	59.831	77.179	17.618

#1	-.00003	.00011	.04420	.00059	-.00008	.00018	.01137
#2	.00002	.00006	.02849	.00013	-.00020	.00060	.00885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.01544	.00031	-.00045	-.10371	-.00019	-.00049
Stddev	.00005	.01881	.00016	.00077	.00005	.00021	.00001
%RSD	26.872	121.78	50.897	170.41	.05023	110.31	1.1701

#1	-.00014	-.00214	.00042	-.00100	-.10367	-.00034	-.00049
#2	-.00021	-.02874	.00020	.00009	-.10375	-.00004	-.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08365	-.00031	F .04208	F -.01948	.00272	.00018	-.00016
Stddev	.00780	.00015	.00049	.00216	.00233	.00015	.00043
%RSD	9.3259	47.756	1.1707	11.104	85.623	85.136	264.22

#1	.08917	-.00042	.04174	-.01795	.00436	.00029	-.00046
#2	.07814	-.00021	.04243	-.02101	.00107	.00007	.00014

Sample Name: PB115091BL Acquired: 11/27/2018 15:04:06 Type: Unk
Method: P4-ICP2(v2606) 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	.00141	-.0027	-.00001	F 3.5503	F .28971
Stddev	.00084	.0003	.00002	.1571	.09077
%RSD	59.367	10.53	143.39	4.4255	31.330

#1	.00082	-.0025	-.00003	3.4392	.35389
#2	.00200	-.0029	.00000	3.6614	.22553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.1	44857.	4747.0	105.63	4072.7
Stddev	4.1	364.	.7	.46	1.5
%RSD	.11469	.81188	.01429	.43664	.03771

#1	3604.1	44600.	4746.6	105.30	4073.8
#2	3598.2	45115.	4747.5	105.96	4071.6

Sample Name: CCV03 Acquired: 11/27/2018 15:22:25 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9760	5.1363	5.0890	5.1334	5.2876	10.761	10.254	.25243
Stddev	.0018	.0022	.0069	.0217	.0144	.047	.021	.00059
%RSD	.03680	.04333	.13631	.42298	.27299	.43862	.20215	.23547
#1	4.9747	5.1347	5.0939	5.1487	5.2979	10.728	10.240	.25285
#2	4.9773	5.1378	5.0841	5.1180	5.2774	10.795	10.269	.25201
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5663	26.571	1.0357	2.5944	1.2964	5.0695	2.6016	24.682
Stddev	.0007	.115	.0017	.0009	.0040	.0038	.0032	.030
%RSD	.02662	.43386	.16225	.03441	.30438	.07430	.12465	.12273
#1	2.5668	26.489	1.0368	2.5938	1.2992	5.0668	2.6039	24.704
#2	2.5659	26.652	1.0345	2.5950	1.2936	5.0721	2.5993	24.661
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5366	1.2148	25.137	2.5723	2.5628	25.475	5.0892	4.9741
Stddev	.0004	.0015	.017	.0027	.0102	.074	.0141	.0060
%RSD	.01369	.12213	.06752	.10575	.39872	.29203	.27602	.12108
#1	2.5368	1.2158	25.125	2.5742	2.5556	25.422	5.0992	4.9698
#2	2.5363	1.2137	25.149	2.5704	2.5700	25.528	5.0793	4.9783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9288	4.9325	4.9464	5.1402	5.1402	5.245	5.2164	F 6.0471
Stddev	.0045	.0141	.0006	.0006	.0155	.001	.0184	.1477
%RSD	.09221	.28521	.01313	.01179	.30170	.0271	.35245	2.4427
#1	4.9255	4.9225	4.9469	5.1406	5.1292	5.244	5.2034	5.9426
#2	4.9320	4.9424	4.9460	5.1397	5.1511	5.246	5.2294	6.1515

Sample Name: CCV03 Acquired: 11/27/2018 15:22:25 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7736
Stddev .1026
%RSD 3.7007

#1 2.8461
#2 2.7010

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.4	42070.	4572.4	99.632	3448.7
Stddev	16.2	82.	7.9	.172	7.5
%RSD	.48328	.19510	.17245	.17257	.21825

#1	3349.9	42012.	4566.8	99.753	3443.4
#2	3372.9	42128.	4578.0	99.510	3454.0

Sample Name: CCB03 Acquired: 11/27/2018 15:26:09 Type: Unk
Method: P4-ICP2(v2606) 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	.00184	-.00033	.00070	.00048	-.00196	-.00505	-.00141
Stddev	.00010	.00144	.00066	.00033	.00007	.01949	.00022
%RSD	5.6422	437.94	93.944	68.586	3.4984	386.22	15.401

#1	.00177	.00069	.00024	.00025	-.00191	-.01883	-.00156
#2	.00192	-.00135	.00117	.00071	-.00201	.00874	-.00125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00015	.00297	.00004	-.00008	-.00002	.00237
Stddev	.00001	.00003	.01336	.00013	.00014	.00024	.00267
%RSD	81.314	18.686	450.35	279.80	181.79	955.88	112.41

#1	.00003	.00013	.01241	-.00004	.00002	-.00019	.00426
#2	.00001	.00017	-.00648	.00013	-.00018	.00014	.00049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.01683	.00039	-.00103	-.20294	.00046	-.00053
Stddev	.00004	.00821	.00008	.00004	.00340	.00051	.00009
%RSD	70.935	48.767	20.868	3.5082	1.6777	112.32	16.885

#1	-.00009	.01103	.00045	-.00100	-.20534	.00009	-.00047
#2	-.00003	.02264	.00033	-.00105	-.20053	.00082	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07564	.00039	F .03617	F -.02084	.00248	.00047	.00080
Stddev	.00724	.00027	.00008	.00024	.00112	.00056	.00005
%RSD	9.5682	69.602	.23032	1.1553	45.062	119.67	6.6121

#1	.07052	.00059	.03611	-.02067	.00328	.00007	.00077
#2	.08075	.00020	.03623	-.02101	.00169	.00086	.00084

Sample Name: CCB03 Acquired: 11/27/2018 15:26:09 Type: Unk
 Method: P4-ICP2(v2606) 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	-.0013	-.00005	F 3.8987	F .17769
Stddev	.00054	.0006	.00001	.2341	.33113
%RSD	156.47	47.31	13.761	6.0043	186.35

#1	.00073	-.0008	-.00005	3.7332	-.05645
#2	-.00004	-.0017	-.00006	4.0643	.41184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.3	44308.	4664.0	106.50	4026.6
Stddev	21.2	238.	19.6	1.67	15.9
%RSD	.59768	.53808	.41920	1.5663	.39536

#1	3528.3	44140.	4650.2	105.32	4015.3
#2	3558.2	44477.	4677.9	107.68	4037.8

Sample Name: PB115091BS Acquired: 11/27/2018 15:30:15 Type: Unk
Method: P4-ICP2(v2606) 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	.76061	1.9798	.97210	1.9479	.85413	2.1963	.21662
Stddev	.00037	.0036	.00411	.0048	.00243	.0036	.00133
%RSD	.04867	.17988	.42272	.24609	.28489	.16223	.61385

#1	.76087	1.9773	.96920	1.9445	.85585	2.1937	.21568
#2	.76035	1.9824	.97501	1.9513	.85241	2.1988	.21756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19605	.19124	1.1578	.42881	.20551	.32448	3.1128
Stddev	.00047	.00032	.0314	.00062	.00069	.00036	.0283
%RSD	.23892	.16563	2.7088	.14507	.33451	.11115	.90984

#1	.19639	.19102	1.1356	.42925	.20599	.32473	3.0928
#2	.19572	.19147	1.1800	.42837	.20502	.32422	3.1328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22252	2.0642	.50019	.06954	2.9993	.31742	.19992
Stddev	.00010	.0314	.00147	.00009	.0152	.00175	.00274
%RSD	.04650	1.5193	.29457	.13404	.50613	.55265	1.3713

#1	.22260	2.0864	.50123	.06947	2.9885	.31867	.19798
#2	.22245	2.0420	.49914	.06960	3.0100	.31618	.20186

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.452	.44778	.33928	F 1.3207	.92173	.67731	.22216
Stddev	.023	.00345	.01820	.6701	.00248	.00193	.00074
%RSD	.22020	.76943	5.3636	50.736	.26958	.28545	.33208

#1	10.436	.45022	.32641	.84687	.92349	.67867	.22268
#2	10.468	.44535	.35214	1.7945	.91998	.67594	.22164

Sample Name: PB115091BS Acquired: 11/27/2018 15:30:15 Type: Unk
Method: P4-ICP2(v2606) 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	.21894	5.520	.21467	F 4.1411	F<.00000
Stddev	.00172	.019	.00026	.0093	.41383
%RSD	.78773	.3420	.11946	.22447	72.998

#1	.21772	5.506	.21485	4.1477	-.27429
#2	.22016	5.533	.21449	4.1345	-.85954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3507.1	43969.	4719.9	108.06	3924.1
Stddev	22.4	29.	18.8	.91	17.2
%RSD	.63892	.06704	.39803	.84028	.43793

#1	3491.3	43949.	4733.2	108.70	3912.0
#2	3523.0	43990.	4706.6	107.42	3936.3

Sample Name: PB115091TB Acquired: 11/27/2018 15:34:07 Type: Unk
Method: P4-ICP2(v2606) 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	-.00004	-.00249	.00158	.00297	-.00095	-.00312	-.00253	-.00002
Stddev	.00280	.00005	.00131	.00484	.00054	.00084	.00106	.00016
%RSD	6828.3	2.1862	82.961	162.76	56.381	26.920	41.998	861.74
#1	-.00202	-.00245	.00065	.00639	-.00133	-.00371	-.00178	.00010
#2	.00194	-.00252	.00251	-.00045	-.00057	-.00252	-.00328	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02675	.00040	-.00010	.00007	.00719	.00003	.01906
Stddev	.00009	.00249	.00028	.00006	.00029	.00163	.00003	.01385
%RSD	265.46	9.3073	69.671	59.507	429.48	22.610	85.910	72.642
#1	.00010	.02499	.00020	-.00014	.00028	.00604	.00005	.02886
#2	-.00003	.02851	.00059	-.00006	-.00014	.00834	.00001	.00927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00127	F 328.11	-.00015	.00140	.14054	.00033	.03313
Stddev	.00018	.00005	3.08	.00010	.00007	.04426	.00030	.01031
%RSD	6.7447	3.8180	.93877	67.565	4.8714	31.492	91.192	31.122
#1	.00248	.00130	325.94	-.00021	.00135	.10925	.00055	.02584
#2	.00273	.00123	330.29	-.00008	.00145	.17184	.00012	.04042
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01481	.01206	.00159	.00076	.00408	-.0016	.00003	F 5.8217
Stddev	.00079	.00507	.00071	.00086	.00116	.0006	.00005	.1782
%RSD	5.3353	42.010	44.502	112.12	28.330	40.04	208.93	3.0611
#1	-.01425	.01565	.00209	.00016	.00327	-.0020	-.00001	5.9477
#2	-.01537	.00848	.00109	.00137	.00490	-.0011	.00006	5.6957

Sample Name: PB115091TB Acquired: 11/27/2018 15:34:07 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .99158
Stddev	.12609
%RSD	12.716

#1	.90242
#2	1.0807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.4	41736.	4657.4	102.42	3490.5
Stddev	5.4	218.	3.9	2.29	2.4
%RSD	.16200	.52162	.08426	2.2359	.07011

#1	3325.6	41582.	4660.2	104.04	3488.8
#2	3333.2	41890.	4654.6	100.80	3492.2

Sample Name: J5770-05 Acquired: 11/27/2018 15:38:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04046	.00408	.39517	.02564	.00411	143.67	.61821	.00666
Stddev	.00023	.00162	.00648	.00108	.00042	.98	.00161	.00002
%RSD	.55747	39.694	1.6396	4.2019	10.226	.68291	.26005	.28449

#1	.04030	.00293	.39059	.02641	.00382	142.98	.61935	.00664
#2	.04062	.00522	.39975	.02488	.00441	144.36	.61708	.00667

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00575	49.738	.16171	.12289	.19835	256.45	3.2299	47.070
Stddev	.00059	.131	.00044	.00210	.00672	.70	.0220	.030
%RSD	10.253	.26268	.26984	1.7068	3.3901	.27298	.68176	.06448

#1	-.00616	49.830	.16140	.12140	.19359	256.95	3.2144	47.092
#2	-.00533	49.645	.16202	.12437	.20310	255.96	3.2455	47.049

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19476	.02682	9.1687	.38890	.57240	11.229	.00291	.10254
Stddev	.00326	.00033	.0122	.00029	.00058	.031	.00028	.00387
%RSD	1.6750	1.2210	.13334	.07393	.10203	.27259	9.7513	3.7711

#1	.19246	.02659	9.1773	.38869	.57199	11.251	.00271	.09980
#2	.19707	.02706	9.1600	.38910	.57281	11.207	.00311	.10527

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7688	2.4014	.01744	3.4047	.13518	8.102	-.10464	<.00000
Stddev	.0571	.0220	.00034	.0071	.00302	.140	.00075	.51821
%RSD	1.5148	.91544	1.9637	.20965	2.2323	1.731	.71884	32.537

#1	3.7284	2.4170	.01719	3.4097	.13732	8.003	-.10517	-1.9591
#2	3.8091	2.3859	.01768	3.3996	.13305	8.201	-.10411	-1.2262

Sample Name: J5770-05 Acquired: 11/27/2018 15:38:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	42.854
Stddev	1.001
%RSD	2.3365

#1	43.562
#2	42.146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3972.7	50531.	5736.5	104.50	3404.9
Stddev	51.9	384.	10.3	.10	50.8
%RSD	1.3074	.75918	.17987	.09127	1.4911

#1	4009.5	50803.	5729.2	104.44	3440.8
#2	3936.0	50260.	5743.8	104.57	3369.0

Sample Name: J5770-07 Acquired: 11/27/2018 15:42:16 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03340	.00807	.36278	.02964	.00599	160.54	.61994	.00647
Stddev	.00219	.00013	.00143	.00211	.00083	.65	.00206	.00002
%RSD	6.5687	1.6302	.39535	7.1160	13.776	.40555	.33225	.23323

#1	.03185	.00798	.36177	.03114	.00657	161.00	.61849	.00648
#2	.03495	.00817	.36380	.02815	.00541	160.08	.62140	.00646

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00762	52.469	.17020	.13307	.12418	300.88	3.9457	46.036
Stddev	.00050	.215	.00195	.00109	.00235	6.68	.0260	.291
%RSD	6.5184	.40890	1.1462	.81647	1.8896	2.2210	.65930	.63208

#1	-.00727	52.317	.17158	.13230	.12584	296.16	3.9641	45.830
#2	-.00797	52.620	.16882	.13384	.12252	305.61	3.9273	46.241

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19490	.03361	7.0491	.41584	.62452	10.351	.00283	.12157
Stddev	.00122	.00074	.0008	.00387	.01353	.012	.00002	.00895
%RSD	.62766	2.1999	.01146	.93170	2.1667	.11550	.59730	7.3610

#1	.19403	.03309	7.0485	.41858	.61495	10.359	.00282	.11524
#2	.19576	.03413	7.0497	.41310	.63409	10.342	.00285	.12789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1575	2.4338	.01677	3.3845	.13896	8.562	-.17435	<.00000
Stddev	.0128	.0013	.00002	.0183	.00001	.058	.00721	.09783
%RSD	.30780	.05142	.10620	.53941	.01077	.6815	4.1380	6.0375

#1	4.1485	2.4346	.01678	3.3974	.13895	8.520	-.16925	-1.5513
#2	4.1666	2.4329	.01675	3.3716	.13897	8.603	-.17945	-1.6896

Sample Name: J5770-07 Acquired: 11/27/2018 15:42:16 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	44.389
Stddev	.619
%RSD	1.3954

#1	43.951
#2	44.827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.2	50580.	5743.6	102.56	3397.1
Stddev	23.5	268.	11.9	2.21	18.3
%RSD	.59611	.53056	.20682	2.1539	.53842

#1	3965.9	50390.	5752.0	104.12	3410.1
#2	3932.6	50770.	5735.2	101.00	3384.2

Sample Name: J5774-03 Acquired: 11/27/2018 15:46:11 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03338	.00766	.18669	.04187	.00408	126.23	.90344	.00716
Stddev	.00205	.00057	.00065	.00361	.00214	.46	.00016	.00016
%RSD	6.1282	7.4589	.35040	8.6170	52.371	.36765	.01813	2.2750

#1	.03483	.00726	.18715	.03932	.00560	126.56	.90355	.00727
#2	.03193	.00807	.18623	.04442	.00257	125.90	.90332	.00704

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00860	57.627	.18592	.13569	.05040	343.83	5.2881	38.197
Stddev	.00049	.104	.00185	.00015	.00388	4.22	.0001	.024
%RSD	5.7547	.18021	.99266	.10922	7.6936	1.2279	.00086	.06174

#1	-.00895	57.554	.18723	.13579	.04766	346.82	5.2881	38.180
#2	-.00825	57.700	.18462	.13559	.05314	340.85	5.2880	38.214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19979	.03796	4.7136	.39018	.57567	8.3763	.00341	.14787
Stddev	.00024	.00057	.0120	.00200	.00515	.0148	.00024	.00598
%RSD	.11850	1.5125	.25543	.51334	.89424	.17701	7.1408	4.0461

#1	.19962	.03836	4.7051	.39159	.57931	8.3868	.00358	.15210
#2	.19996	.03755	4.7221	.38876	.57203	8.3658	.00324	.14364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0699	2.0002	.01653	2.7632	.13060	F 13.51	-.23080	<.00000
Stddev	.0032	.0096	.00065	.0051	.00055	.02	.00475	.22577
%RSD	.07871	.48202	3.9435	.18484	.42442	.1230	2.0588	3.5422

#1	4.0722	1.9934	.01699	2.7596	.13021	13.50	-.23416	-6.5335
#2	4.0676	2.0070	.01606	2.7668	.13100	13.52	-.22744	-6.2142

Sample Name: J5774-03 Acquired: 11/27/2018 15:46:11 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-112118 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	40.716
Stddev	.177
%RSD	.43548

#1	40.591
#2	40.842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4518.1	57326.	6607.0	102.05	3365.4
Stddev	4.4	24.	26.8	.97	2.4
%RSD	.09697	.04230	.40520	.95125	.07206

#1	4515.0	57309.	6625.9	101.37	3367.2
#2	4521.2	57343.	6588.0	102.74	3363.7

Sample Name: J5774-05 Acquired: 11/27/2018 15:50:13 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03109	.00782	.16740	.03969	.00619	123.97	.41383	.00745
Stddev	.00192	.00114	.00300	.00107	.00253	.35	.00409	.00008
%RSD	6.1814	14.622	1.7929	2.6983	40.870	.28180	.98746	1.0582

#1	.03245	.00701	.16952	.03894	.00798	123.72	.41672	.00751
#2	.02973	.00863	.16528	.04045	.00440	124.22	.41094	.00739

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00772	83.272	.18717	.15068	.08345	364.18	4.2867	39.350
Stddev	.00014	.394	.00058	.00124	.00015	1.81	.0215	.298
%RSD	1.8527	.47366	.31199	.82517	.17729	.49763	.50235	.75787

#1	-.00762	83.551	.18758	.15156	.08335	365.46	4.3020	39.561
#2	-.00782	82.994	.18676	.14980	.08356	362.90	4.2715	39.140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21033	.04085	5.8549	.41991	.69457	7.9756	.00381	.16402
Stddev	.00096	.00017	.0508	.00232	.00927	.0719	.00035	.00675
%RSD	.45818	.42632	.86737	.55318	1.3344	.90118	9.2019	4.1141

#1	.21102	.04097	5.8908	.41826	.70112	8.0264	.00406	.15925
#2	.20965	.04073	5.8190	.42155	.68802	7.9248	.00356	.16879

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6400	2.2438	.01887	4.7026	.11878	8.866	-.06339	<.00000
Stddev	.0379	.0111	.00046	.0529	.00036	.064	.00160	.36579
%RSD	.81748	.49300	2.4312	1.1250	.30632	.7172	2.5258	6.4965

#1	4.6668	2.2516	.01854	4.7400	.11903	8.911	-.06226	-5.3719
#2	4.6132	2.2360	.01919	4.6652	.11852	8.821	-.06452	-5.8891

Sample Name: J5774-05 Acquired: 11/27/2018 15:50:13 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	37.916
Stddev	1.673
%RSD	4.4111

#1	36.733
#2	39.099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4351.3	55608.	6410.5	103.32	3311.8
Stddev	11.4	155.	81.3	1.23	26.5
%RSD	.26083	.27951	1.2690	1.1946	.79903

#1	4343.3	55498.	6353.0	102.45	3293.1
#2	4359.4	55718.	6468.0	104.19	3330.5

Sample Name: J5774-07 Acquired: 11/27/2018 15:54:14 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03918	.00652	.40201	.05738	.00529	132.09	.50420	.00785
Stddev	.00130	.00103	.00439	.00056	.00114	.22	.00284	.00005
%RSD	3.3123	15.748	1.0928	.97809	21.616	.16425	.56338	.61566

#1	.04010	.00724	.40512	.05778	.00610	131.94	.50219	.00782
#2	.03826	.00579	.39891	.05699	.00448	132.24	.50621	.00789

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00809	86.132	.19211	.18792	.00866	421.01	4.3704	42.281
Stddev	.00004	.316	.00005	.00097	.00021	.15	.0174	.045
%RSD	.44163	.36662	.02471	.51703	2.3800	.03620	.39710	.10613

#1	-.00811	85.909	.19214	.18861	.00880	421.12	4.3581	42.249
#2	-.00806	86.355	.19208	.18723	.00851	420.90	4.3827	42.313

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25092	.04806	6.3734	.43087	.90435	11.741	.00332	.25253
Stddev	.00049	.00012	.0339	.00175	.00057	.040	.00030	.00885
%RSD	.19426	.25826	.53158	.40637	.06345	.34224	9.0358	3.5051

#1	.25127	.04815	6.3494	.43211	.90475	11.712	.00310	.25879
#2	.25058	.04797	6.3973	.42963	.90394	11.769	.00353	.24627

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3686	1.4430	.02358	4.9253	.13017	F 21.25	-.06809	<.00000
Stddev	.0110	.0001	.00123	.0100	.00001	.06	.00117	.06260
%RSD	.32710	.00832	5.2349	.20196	.00609	.2902	1.7231	.53946

#1	3.3764	1.4429	.02446	4.9183	.13018	21.30	-.06892	-11.559
#2	3.3608	1.4431	.02271	4.9323	.13016	21.21	-.06726	-11.648

Sample Name: J5774-07 Acquired: 11/27/2018 15:54:14 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	36.030
Stddev	.013
%RSD	.03604

#1	36.040
#2	36.021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5017.6	63926.	7379.4	100.77	3242.8
Stddev	11.9	13.	16.0	.11	11.9
%RSD	.23784	.02056	.21634	.10776	.36813

#1	5009.2	63917.	7390.7	100.70	3234.3
#2	5026.1	63936.	7368.1	100.85	3251.2

Sample Name: J6028-04 Acquired: 11/27/2018 15:58:15 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06874	.00784	4.1801	.02214	.02640	162.89	2.5503	.00825
Stddev	.00173	.00190	.0318	.00048	.00319	1.56	.0053	.00031
%RSD	2.5196	24.191	.75995	2.1819	12.088	.95519	.20811	3.7978

#1	.06752	.00650	4.1576	.02179	.02414	161.79	2.5466	.00803
#2	.06997	.00918	4.2026	.02248	.02865	163.99	2.5541	.00847

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00955	582.79	.37975	.18089	1.0817	337.64	4.5593	230.45
Stddev	.00048	.30	.00609	.00095	.0040	7.92	.0542	.76
%RSD	5.0549	.05148	1.6038	.52326	.37257	2.3462	1.1895	.33162

#1	.00989	583.00	.37545	.18022	1.0789	332.04	4.5210	229.91
#2	.00920	582.58	.38406	.18156	1.0846	343.24	4.5977	230.99

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34585	.04350	7.8336	.60019	6.3523	36.158	.01170	.12335
Stddev	.00071	.00089	.0115	.01016	.1442	.016	.00045	.01433
%RSD	.20434	2.0518	.14693	1.6928	2.2694	.04516	3.8198	11.617

#1	.34635	.04287	7.8418	.59301	6.2504	36.169	.01138	.11322
#2	.34535	.04413	7.8255	.60738	6.4543	36.146	.01202	.13348

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.596	1.9566	.19629	8.1270	.23470	F 12.15	.65749	2.0249
Stddev	.070	.0088	.00231	.0299	.00018	.05	.00866	.0250
%RSD	.47851	.45144	1.1758	.36751	.07505	.4478	1.3166	1.2357

#1	14.546	1.9504	.19466	8.1481	.23483	12.11	.66361	2.0425
#2	14.645	1.9629	.19792	8.1059	.23458	12.18	.65137	2.0072

Sample Name: J6028-04 Acquired: 11/27/2018 15:58:15 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	36.861
Stddev	1.823
%RSD	4.9454

#1	35.572
#2	38.150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.1	44616.	5365.1	94.462	2884.7
Stddev	33.1	333.	9.1	2.111	20.1
%RSD	.95697	.74613	.16994	2.2344	.69602

#1	3479.5	44852.	5358.6	95.954	2898.9
#2	3432.8	44381.	5371.5	92.969	2870.5

Sample Name: J6028-06 Acquired: 11/27/2018 16:02:10 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06447	.00737	1.9117	.02853	.00753	195.94	1.9097	.01075
Stddev	.00624	.00025	.0045	.00167	.00118	.00	.0105	.00012
%RSD	9.6861	3.4508	.23659	5.8612	15.692	.00244	.54974	1.1403
#1	.06888	.00719	1.9085	.02971	.00837	195.93	1.9171	.01067
#2	.06005	.00755	1.9149	.02735	.00670	195.94	1.9022	.01084
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	380.51	.41293	.18381	.59206	354.96	5.3189	97.669
Stddev	.00001	.59	.00030	.00038	.00770	.49	.0250	.296
%RSD	6.5837	.15467	.07254	.20827	1.2999	.13929	.46933	.30342
#1	-.00021	380.93	.41315	.18354	.58662	354.61	5.3012	97.878
#2	-.00019	380.09	.41272	.18408	.59750	355.31	5.3365	97.459
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39670	.04522	18.162	.53131	4.4669	42.923	.01031	.22670
Stddev	.00042	.00018	.056	.00018	.0155	.029	.00017	.00799
%RSD	.10680	.40655	.30899	.03434	.34770	.06757	1.6443	3.5227
#1	.39640	.04535	18.202	.53144	4.4560	42.943	.01019	.23234
#2	.39700	.04509	18.122	.53118	4.4779	42.902	.01043	.22105
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.366	2.3502	.08928	F 10.067	.26140	F 10.48	.64626	.55978
Stddev	.004	.0130	.00060	.051	.00039	.01	.00600	.31091
%RSD	.03086	.55456	.67359	.50964	.14792	.1382	.92778	55.541
#1	11.364	2.3594	.08970	10.104	.26113	10.49	.65050	.33994
#2	11.369	2.3410	.08885	10.031	.26168	10.47	.64202	.77963

Sample Name: J6028-06 Acquired: 11/27/2018 16:02:10 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 36.915
 Stddev .448
 %RSD 1.2135

#1 37.232
 #2 36.599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.7	45549.	5486.5	97.839	3032.5
Stddev	12.2	34.	13.5	.231	3.7
%RSD	.34116	.07465	.24540	.23563	.12213

#1	3586.3	45573.	5477.0	98.002	3029.8
#2	3569.1	45525.	5496.1	97.676	3035.1

Sample Name: J6028-06DUP Acquired: 11/27/2018 16:06:13 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06119	.00958	1.9261	.02454	.00889	195.80	1.9177	.01051
Stddev	.00375	.00160	.0046	.00067	.00095	1.14	.0019	.00017
%RSD	6.1352	16.650	.23897	2.7192	10.649	.58045	.09852	1.6060

#1	.06385	.00846	1.9228	.02407	.00956	196.60	1.9163	.01063
#2	.05854	.01071	1.9293	.02501	.00822	195.00	1.9190	.01039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	385.37	.41210	.18428	.59641	354.53	5.3621	97.744
Stddev	.00054	1.46	.00301	.00002	.00411	1.83	.0005	.760
%RSD	200.84	.37943	.73146	.00932	.68875	.51637	.00915	.77724

#1	-.00065	384.33	.40996	.18427	.59351	355.83	5.3618	97.206
#2	.00011	386.40	.41423	.18429	.59932	353.24	5.3625	98.281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39705	.04478	18.299	.53277	4.4790	43.242	.01049	.24088
Stddev	.00124	.00004	.038	.00294	.0236	.158	.00044	.01041
%RSD	.31288	.08509	.20881	.55107	.52765	.36470	4.1951	4.3210

#1	.39617	.04481	18.272	.53070	4.4957	43.130	.01018	.24824
#2	.39793	.04475	18.326	.53485	4.4623	43.353	.01081	.23352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.553	2.3810	.08888	F 10.142	.26270	F 10.54	.66072	.62266
Stddev	.055	.0292	.00200	.049	.00153	.03	.00343	.21519
%RSD	.47426	1.2252	2.2518	.48398	.58055	.2995	.51936	34.560

#1	11.514	2.3604	.08747	10.107	.26378	10.52	.65829	.77482
#2	11.592	2.4016	.09030	10.177	.26162	10.56	.66314	.47049

Sample Name: J6028-06DUP Acquired: 11/27/2018 16:06:13 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.546
Stddev	1.028
%RSD	2.8921

#1	34.819
#2	36.273

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.0	45520.	5436.1	97.449	3028.7
Stddev	6.2	82.	34.5	.587	2.8
%RSD	.17307	.17967	.63430	.60257	.09394

#1	3579.3	45462.	5460.5	97.034	3030.7
#2	3570.6	45578.	5411.8	97.865	3026.7

Sample Name: CCV04 Acquired: 11/27/2018 16:10:15 Type: Unk
Method: P4-ICP2(v2606) 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	4.8890	5.1101	5.0767	5.1200	5.3041	10.873	9.9861	.24908
Stddev	.0179	.0079	.0039	.0033	.0048	.007	.1036	.00240
%RSD	.36514	.15434	.07575	.06515	.09023	.06194	1.0377	.96342
#1	4.8764	5.1156	5.0794	5.1224	5.3007	10.868	10.059	.25077
#2	4.9016	5.1045	5.0740	5.1177	5.3074	10.878	9.9128	.24738
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5615	26.000	1.0162	2.6069	1.2908	4.9766	2.5499	23.681
Stddev	.0028	.109	.0094	.0048	.0005	.0654	.0215	.059
%RSD	.10880	.41847	.92018	.18526	.03630	1.3140	.84447	.24793
#1	2.5635	26.077	1.0228	2.6103	1.2911	5.0228	2.5651	23.723
#2	2.5596	25.924	1.0096	2.6035	1.2904	4.9304	2.5346	23.640
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5259	1.1896	24.492	2.5133	2.5084	24.589	5.0223	4.8126
Stddev	.0033	.0111	.190	.0238	.0545	.182	.0084	.0561
%RSD	.13015	.93383	.77726	.94772	2.1717	.74086	.16685	1.1658
#1	2.5282	1.1974	24.627	2.5302	2.5469	24.718	5.0164	4.8523
#2	2.5235	1.1817	24.357	2.4965	2.4699	24.460	5.0283	4.7730
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8905	4.6967	4.8715	5.0741	5.0237	5.232	5.1300	F 5.5630
Stddev	.0095	.0473	.0007	.0142	.0510	.013	.0518	.2082
%RSD	.19340	1.0075	.01435	.27978	1.0149	.2461	1.0098	3.7433
#1	4.8972	4.7302	4.8710	5.0841	5.0597	5.241	5.1667	5.7103
#2	4.8838	4.6632	4.8720	5.0641	4.9876	5.222	5.0934	5.4158

Sample Name: CCV04 Acquired: 11/27/2018 16:10:15 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1846
Stddev .1133
%RSD 5.1856

#1 2.1045
#2 2.2647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.8	42534.	4747.7	101.64	3455.8
Stddev	1.0	199.	45.5	2.31	8.3
%RSD	.03042	.46687	.95791	2.2773	.24090

#1	3376.1	42394.	4715.5	100.01	3449.9
#2	3377.5	42675.	4779.9	103.28	3461.7

Sample Name: CCB04 Acquired: 11/27/2018 16:30:26 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7724 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	.00050	F .00477	.00059	-.00014	-.01524	-.00325
Stddev	.00040	.00136	.00025	.00093	.00003	.01003	.00006
%RSD	58.129	271.58	5.2625	156.64	21.251	65.820	1.9605

#1	-.00097	.00146	.00459	-.00006	-.00012	-.02234	-.00320
#2	-.00040	-.00046	.00494	.00125	-.00016	-.00815	-.00329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00004	.02553	-.00014	-.00005	.00037	.00032
Stddev	.00007	.00002	.00477	.00015	.00009	.00043	.01263
%RSD	134.40	46.705	18.666	107.95	203.89	116.34	3961.9

#1	-.00000	.00003	.02216	-.00003	-.00011	.00007	.00925
#2	-.00010	.00006	.02890	-.00025	.00002	.00067	-.00861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00832	.00020	-.00054	-.25623	.00009	.00046
Stddev	.00000	.00362	.00033	.00055	.00090	.00031	.00005
%RSD	.96906	43.557	165.32	102.67	.35073	358.80	10.805

#1	.00015	.01088	-.00003	-.00015	-.25560	.00031	.00043
#2	.00015	.00576	.00043	-.00093	-.25687	-.00013	.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03950	-.00010	.01002	F -.02108	.00076	-.00084	-.00277
Stddev	.01154	.00029	.00239	.00217	.00162	.00005	.00134
%RSD	29.220	279.19	23.837	10.272	213.65	5.9789	48.434

#1	.03134	.00010	.00833	-.01955	-.00039	-.00080	-.00182
#2	.04766	-.00031	.01171	-.02261	.00190	-.00087	-.00371

Sample Name: CCB04 Acquired: 11/27/2018 16:30:26 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7724 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.0026	.00005	F 3.9433	F .55781
Stddev	.00233	.0005	.00003	.1800	.48736
%RSD	507.59	19.93	61.092	4.5645	87.370

#1	.00211	-.0029	.00006	3.8160	.90242
#2	-.00119	-.0022	.00003	4.0705	.21319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.7	44237.	4820.9	108.73	3993.4
Stddev	9.6	256.	7.5	2.31	28.2
%RSD	.27220	.57956	.15481	2.1284	.70544

#1	3527.9	44418.	4815.7	110.37	3973.5
#2	3541.5	44056.	4826.2	107.09	4013.3

Sample Name: J6028-06LX5 Acquired: 11/27/2018 16:34:28 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01685	.00260	.38933	.00864	-.00026	40.645	.41965	.00219
Stddev	.00093	.00079	.00239	.00163	.00230	.116	.00519	.00006
%RSD	5.5277	30.318	.61288	18.868	872.04	.28660	1.2362	2.5657

#1	.01751	.00204	.38765	.00979	.00136	40.728	.42332	.00223
#2	.01619	.00315	.39102	.00749	-.00189	40.563	.41598	.00215

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	86.769	.09231	.03557	.14932	70.163	1.2530	21.987
Stddev	.00018	.827	.00103	.00027	.00246	.765	.0083	.196
%RSD	20.922	.95269	1.1205	.74844	1.6476	1.0901	.66606	.89337

#1	-.00101	87.353	.09304	.03538	.14758	70.704	1.2589	22.125
#2	-.00075	86.184	.09158	.03575	.15106	69.623	1.2471	21.848

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07646	.00848	3.7508	.11677	.91230	9.2943	.00211	.04966
Stddev	.00042	.00022	.0530	.00050	.01174	.0794	.00019	.00024
%RSD	.55039	2.6330	1.4139	.43144	1.2863	.85391	8.9470	.47360

#1	.07676	.00864	3.7883	.11712	.92059	9.3505	.00225	.04950
#2	.07616	.00832	3.7133	.11641	.90400	9.2382	.00198	.04983

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0716	.53268	.01719	2.2831	.05479	1.948	.15557	4.0579
Stddev	.0022	.00980	.00027	.0189	.00122	.001	.00194	.0670
%RSD	.10469	1.8389	1.5710	.82745	2.2323	.0251	1.2455	1.6513

#1	2.0731	.53961	.01738	2.2965	.05566	1.948	.15694	4.0105
#2	2.0701	.52575	.01700	2.2698	.05393	1.949	.15420	4.1052

Sample Name: J6028-06LX5 Acquired: 11/27/2018 16:34:28 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.322
Stddev	.447
%RSD	2.9175

#1	15.006
#2	15.638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3471.8	44015.	4960.3	104.02	3552.2
Stddev	15.6	166.	62.7	1.34	2.7
%RSD	.44804	.37741	1.2647	1.2930	.07607

#1	3482.8	43898.	4915.9	103.07	3550.3
#2	3460.8	44132.	5004.7	104.97	3554.1

Sample Name: J6028-06MS Acquired: 11/27/2018 16:38:23 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79412	2.1481	3.1399	1.9527	.13870	208.99	2.1724	.20907
Stddev	.00634	.0184	.0267	.0060	.00211	.98	.0182	.00036
%RSD	.79816	.85578	.85089	.30666	1.5189	.46969	.83784	.17113
#1	.79861	2.1611	3.1588	1.9569	.14019	208.29	2.1852	.20882
#2	.78964	2.1351	3.1210	1.9485	.13721	209.68	2.1595	.20932
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22545	388.12	.78200	.41941	.82364	380.06	5.5059	116.22
Stddev	.00313	1.23	.00178	.00361	.01306	3.39	.0015	.91
%RSD	1.3884	.31644	.22731	.86024	1.5857	.89254	.02777	.77902
#1	.22767	388.99	.78326	.42196	.83287	377.66	5.5049	116.86
#2	.22324	387.25	.78075	.41686	.81440	382.46	5.5070	115.58
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96068	.11739	21.225	.82219	6.3530	55.999	.37799	.35947
Stddev	.00705	.00010	.182	.00019	.0199	.315	.00436	.00555
%RSD	.73339	.08419	.85651	.02286	.31388	.56175	1.1539	1.5444
#1	.96566	.11732	21.353	.82206	6.3389	56.221	.38108	.36339
#2	.95570	.11746	21.096	.82233	6.3671	55.777	.37491	.35554
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.140	4.5153	.80352	F 11.405	.49038	F 17.38	.69949	.85432
Stddev	.088	.0296	.00972	.095	.00076	.19	.01408	.07409
%RSD	.79334	.65660	1.2096	.83335	.15447	1.102	2.0135	8.6723
#1	11.203	4.5363	.81039	11.473	.48984	17.51	.70945	.80193
#2	11.078	4.4943	.79665	11.338	.49091	17.24	.68953	.90671

Sample Name: J6028-06MS Acquired: 11/27/2018 16:38:23 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	28.008
Stddev	1.342
%RSD	4.7925

#1	28.957
#2	27.059

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.4	45466.	5405.6	95.514	2961.0
Stddev	32.0	10.	55.1	.459	25.2
%RSD	.90663	.02104	1.0193	.48075	.84975

#1	3508.8	45459.	5366.6	95.839	2943.2
#2	3554.1	45473.	5444.5	95.189	2978.8

Sample Name: J6028-06MSD Acquired: 11/27/2018 16:42:21 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79129	2.1377	3.1229	1.9406	.14071	203.50	2.1782	.20230
Stddev	.00672	.0135	.0092	.0008	.00012	2.42	.0034	.00430
%RSD	.84930	.62909	.29432	.03922	.08545	1.1892	.15371	2.1244
#1	.78654	2.1473	3.1294	1.9401	.14063	205.21	2.1758	.20534
#2	.79604	2.1282	3.1164	1.9412	.14080	201.79	2.1805	.19926
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22570	388.16	.76146	.41857	.82527	375.72	5.3731	116.34
Stddev	.00157	1.45	.01320	.00389	.00584	4.16	.0796	.18
%RSD	.69528	.37256	1.7331	.92965	.70758	1.1075	1.4822	.15750
#1	.22681	387.14	.77080	.42132	.82940	372.77	5.4294	116.21
#2	.22459	389.18	.75213	.41582	.82114	378.66	5.3168	116.47
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95789	.11481	21.290	.79731	6.2819	56.144	.37725	.34648
Stddev	.00528	.00034	.033	.01651	.0517	.180	.00013	.00255
%RSD	.55098	.29279	.15429	2.0710	.82288	.32036	.03488	.73559
#1	.96162	.11457	21.267	.80899	6.2453	56.017	.37715	.34468
#2	.95416	.11505	21.313	.78564	6.3184	56.271	.37734	.34828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.083	4.5210	.79950	F 11.481	.49252	F 17.32	.71007	.13340
Stddev	.050	.0340	.00482	.040	.00147	.06	.00180	.38947
%RSD	.45275	.75311	.60291	.35212	.29903	.3537	.25406	291.97
#1	11.119	4.5451	.80291	11.453	.49356	17.37	.71134	.40880
#2	11.048	4.4969	.79609	11.510	.49147	17.28	.70879	-.14200

Sample Name: J6028-06MSD Acquired: 11/27/2018 16:42:21 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	28.841
Stddev	.653
%RSD	2.2654

#1	28.379
#2	29.303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3533.4	46511.	5373.3	96.372	2963.2
Stddev	.2	721.	6.1	.831	13.2
%RSD	.00534	1.5496	.11349	.86188	.44490

#1	3533.5	46001.	5369.0	96.960	2953.9
#2	3533.2	47021.	5377.6	95.785	2972.6

Sample Name: J6028-06A Acquired: 11/27/2018 16:46:20 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79622	2.1325	3.1051	1.9502	.14228	208.72	2.1832	.20983
Stddev	.00100	.0055	.0035	.0151	.00114	.96	.0077	.00053
%RSD	.12605	.25578	.11338	.77510	.79900	.45913	.35148	.25263
#1	.79693	2.1363	3.1076	1.9395	.14148	208.04	2.1777	.20945
#2	.79551	2.1286	3.1026	1.9609	.14308	209.39	2.1886	.21020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22397	390.57	.78094	.41713	.82302	377.73	5.5422	116.74
Stddev	.00046	4.20	.00055	.00046	.00710	4.51	.0383	.17
%RSD	.20386	1.0756	.07075	.10965	.86300	1.1943	.69053	.14764
#1	.22365	387.60	.78133	.41681	.81799	380.92	5.5152	116.62
#2	.22429	393.54	.78055	.41746	.82804	374.54	5.5693	116.86
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95452	.11655	21.308	.82236	6.3425	56.263	.37673	.35651
Stddev	.00013	.00021	.067	.00108	.0943	.317	.00267	.02116
%RSD	.01371	.18230	.31437	.13077	1.4869	.56404	.70869	5.9363
#1	.95443	.11670	21.260	.82312	6.4091	56.039	.37484	.37147
#2	.95462	.11640	21.355	.82160	6.2758	56.488	.37862	.34155
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.072	4.5835	.79782	F 11.494	.48956	F 17.27	.70828	1.3653
Stddev	.029	.0039	.00023	.007	.00089	.05	.00495	.1548
%RSD	.26120	.08535	.02945	.06342	.18182	.2993	.69851	11.337
#1	11.092	4.5862	.79766	11.489	.48893	17.31	.70478	1.4747
#2	11.051	4.5807	.79799	11.499	.49019	17.24	.71178	1.2558

Sample Name: J6028-06A Acquired: 11/27/2018 16:46:20 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	26.699
Stddev	1.490
%RSD	5.5812

#1	27.753
#2	25.645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.3	45216.	5339.5	95.451	2978.7
Stddev	3.8	8.	6.6	1.419	12.1
%RSD	.10784	.01681	.12454	1.4870	.40780

#1	3541.0	45211.	5344.2	94.447	2970.1
#2	3535.6	45222.	5334.8	96.455	2987.3

Sample Name: J6028-08 Acquired: 11/27/2018 16:50:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05570	.00931	1.4949	.02942	.01169	246.21	1.8535	.01023
Stddev	.00141	.00249	.0006	.00296	.00178	2.79	.0141	.00009
%RSD	2.5332	26.725	.04208	10.078	15.259	1.1349	.76277	.85201
#1	.05670	.01106	1.4953	.03151	.01043	244.23	1.8635	.01016
#2	.05470	.00755	1.4944	.02732	.01296	248.18	1.8435	.01029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	337.98	.42527	.22707	.42324	427.99	6.6525	113.06
Stddev	.00060	3.03	.00245	.00096	.00811	5.31	.0602	1.15
%RSD	26.259	.89510	.57564	.42471	1.9166	1.2411	.90471	1.0206
#1	-.00272	340.12	.42354	.22775	.41750	431.75	6.6100	113.88
#2	-.00187	335.84	.42700	.22639	.42897	424.24	6.6951	112.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44163	.05404	22.368	.62259	3.1555	54.209	.00951	.08593
Stddev	.00096	.00020	.105	.00305	.0466	.279	.00048	.00577
%RSD	.21804	.37153	.47112	.48922	1.4754	.51384	5.0027	6.7144
#1	.44231	.05419	22.443	.62044	3.1884	54.406	.00985	.09001
#2	.44094	.05390	22.293	.62475	3.1226	54.012	.00918	.08185
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.168	3.0182	.07893	F 12.825	.32846	F 10.90	.44973	.45352
Stddev	.023	.0183	.00087	.067	.00177	.03	.00205	.21105
%RSD	.20773	.60743	1.1080	.52167	.53863	.2442	.45539	46.536
#1	11.184	3.0311	.07955	12.872	.32971	10.92	.44828	.30429
#2	11.151	3.0052	.07831	12.777	.32721	10.88	.45118	.60276

Sample Name: J6028-08 Acquired: 11/27/2018 16:50:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	25.604
Stddev	.196
%RSD	.76454

#1	25.465
#2	25.742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.2	45773.	5432.6	95.604	2982.1
Stddev	1.6	321.	59.3	1.608	25.5
%RSD	.04333	.70042	1.0917	1.6816	.85460

#1	3590.3	46000.	5390.7	94.467	2964.1
#2	3588.1	45547.	5474.5	96.740	3000.1

Sample Name: J6055-01 Acquired: 11/27/2018 16:54:22 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05519	-.00034	.19265	.00289	.00293	175.17	.88275	.00717
Stddev	.00441	.00059	.00277	.00309	.00006	.02	.01290	.00001
%RSD	7.9975	174.78	1.4354	107.01	2.1624	.01366	1.4610	.13918

#1	.05207	-.00075	.19069	.00507	.00289	175.15	.87363	.00718
#2	.05831	.00008	.19460	.00070	.00298	175.19	.89187	.00717

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	1634.6	.26575	.04589	.07580	140.60	4.6554	207.43
Stddev	.00020	22.4	.00040	.00005	.00024	1.95	.0020	1.95
%RSD	117.43	1.3723	.14908	.09820	.31545	1.3845	.04335	.93798

#1	-.00003	1618.8	.26603	.04592	.07597	139.23	4.6539	206.06
#2	-.00032	1650.5	.26547	.04586	.07563	141.98	4.6568	208.81

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15510	.01785	11.845	.22718	.65053	11.513	.01158	.14556
Stddev	.00013	.00055	.133	.00020	.01028	.205	.00019	.00448
%RSD	.08288	3.0640	1.1217	.08709	1.5804	1.7772	1.6839	3.0802

#1	.15501	.01747	11.751	.22732	.64326	11.368	.01172	.14239
#2	.15519	.01824	11.938	.22704	.65780	11.657	.01144	.14873

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.688	1.5625	-.00166	4.7556	.14454	5.970	4.9923	6.4596
Stddev	.168	.0195	.00014	.1014	.00319	.013	.0594	.0204
%RSD	.30238	1.2488	8.2380	2.1331	2.2058	.2201	1.1903	.31580

#1	55.807	1.5487	-.00176	4.6838	.14229	5.979	4.9503	6.4741
#2	55.569	1.5762	-.00157	4.8273	.14680	5.960	5.0343	6.4452

Sample Name: J6055-01 Acquired: 11/27/2018 16:54:22 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	23.111
Stddev	.677
%RSD	2.9278

#1	22.633
#2	23.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.2	40326.	5063.5	91.034	2712.2
Stddev	10.1	136.	53.9	1.243	9.4
%RSD	.31925	.33837	1.0648	1.3650	.34539

#1	3163.0	40230.	5101.7	91.912	2705.6
#2	3177.3	40422.	5025.4	90.155	2718.8

Sample Name: J6030-01 Acquired: 11/27/2018 16:58:27 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00151	.05183	.01084	-.00055	4.5216	.69200	.00042
Stddev	.00030	.00014	.00187	.00178	.00219	.0265	.00206	.00006
%RSD	13.358	8.9913	3.6172	16.400	399.40	.58670	.29719	13.147
#1	.00202	-.00161	.05316	.00958	-.00209	4.5028	.69346	.00046
#2	.00244	-.00142	.05051	.01210	.00100	4.5404	.69055	.00038
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	414.67	.02123	.00308	-.01705	63.026	3.4130	64.668
Stddev	.00011	1.36	.00002	.00027	.00037	.269	.0049	.361
%RSD	8.1595	.32895	.09300	8.7575	2.1423	.42679	.14488	.55780
#1	-.00128	415.64	.02121	.00288	-.01679	62.836	3.4096	64.923
#2	-.00143	413.71	.02124	.00327	-.01731	63.216	3.4165	64.413
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	.00638	527.29	.01330	.08498	44.844	.00091	.64233
Stddev	.00030	.00009	.03	.00038	.00028	.120	.00000	.00559
%RSD	49.754	1.4064	.00512	2.8370	.33076	.26838	.54347	.87063
#1	-.00082	.00644	527.31	.01303	.08478	44.929	.00091	.64628
#2	-.00039	.00632	527.27	.01356	.08518	44.759	.00091	.63837
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.084	F 31.889	-.00134	.25752	.04125	1.785	2.6186	8.0499
Stddev	.156	.038	.00041	.00146	.00248	.021	.0100	.1203
%RSD	.81853	.11923	30.689	.56533	6.0127	1.168	.38043	1.4946
#1	19.194	31.862	-.00105	.25649	.03949	1.800	2.6257	7.9648
#2	18.973	31.916	-.00163	.25855	.04300	1.771	2.6116	8.1349

Sample Name: J6030-01 Acquired: 11/27/2018 16:58:27 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.600
Stddev	1.079
%RSD	7.9306

#1	12.837
#2	14.363

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.9	38365.	4492.8	96.447	2962.4
Stddev	27.6	7.	20.4	.395	32.1
%RSD	.92417	.01816	.45467	.40920	1.0840

#1	2971.3	38370.	4478.4	96.726	2939.7
#2	3010.4	38360.	4507.3	96.168	2985.1

Sample Name: J6030-02 Acquired: 11/27/2018 17:02:30 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15844	-.01245	-.61362	.04025	.06429	259.75	.03377
Stddev	.00119	.01375	.02220	.03219	.00035	8.38	.00033
%RSD	.75017	110.51	3.6182	79.963	.54280	3.2274	.97021

#1	-.15760	-.00272	-.62932	.06301	.06453	253.82	.03353
#2	-.15928	-.02217	-.59792	.01749	.06404	265.68	.03400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04585	.40381	491.82	F 6.0003	-.01170	F -2.4186	F 4002.8
Stddev	.00161	.02340	3.14	.2110	.00039	.0448	60.5
%RSD	3.5213	5.7936	.63933	3.5169	3.3005	1.8509	1.5123

#1	.04471	.38727	489.59	5.8511	-.01197	-2.4502	4045.6
#2	.04699	.42035	494.04	6.1495	-.01143	-2.3869	3960.0

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.341	87.257	.17108	.42655	109.73	.22134	8.1583
Stddev	.449	.260	.00223	.01171	.08	.00904	.1219
%RSD	3.3648	.29788	1.3016	2.7463	.07608	4.0864	1.4939

#1	13.024	87.074	.17265	.43484	109.68	.21495	8.2445
#2	13.659	87.441	.16950	.41827	109.79	.22774	8.0721

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.785	-.02769	.24357	F 4202.6	F 74.925	F -1.4919	7.1185
Stddev	.052	.00008	.17096	3.3	.904	.0005	.0162
%RSD	.11807	.30046	70.188	.07736	1.2062	.03377	.22697

#1	43.749	-.02774	.36446	4200.3	74.286	-1.4915	7.1299
#2	43.822	-.02763	.12269	4204.9	75.564	-1.4922	7.1071

Sample Name: J6030-02 Acquired: 11/27/2018 17:02:30 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DTW-03 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38056	F 68.63	F -2.8687	<.00000	^ *****
Stddev	.00276	.98	.0642	.39916	-----
%RSD	.72456	1.426	2.2389	1.6429	-----

#1	.37861	67.94	-2.9142	-24.579	^ -----
#2	.38250	69.32	-2.8233	-24.015	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.8	42631.	5178.3	76.183	1384.0
Stddev	7.1	1189.	1.7	1.300	18.6
%RSD	.22325	2.7887	.03291	1.7060	1.3471

#1	3190.7	43472.	5179.5	75.264	1397.2
#2	3200.8	41791.	5177.0	77.102	1370.8

Sample Name: J6030-02DUP Acquired: 11/27/2018 17:06:42 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-03DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15349	-.01168	-.62854	.05218	.06185	262.44	.03308
Stddev	.00143	.00446	.06174	.06102	.00452	1.30	.00012
%RSD	.93016	38.228	9.8229	116.95	7.3088	.49620	.35594

#1	-.15450	-.00852	-.67220	.09532	.06504	261.52	.03299
#2	-.15248	-.01483	-.58488	.00903	.05865	263.36	.03316

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04677	.40183	496.52	F 6.0742	-.01208	F -2.4819	F 4084.6
Stddev	.00064	.00038	3.98	.1151	.00131	.1631	225.1
%RSD	1.3784	.09438	.80212	1.8950	10.876	6.5711	5.5114

#1	.04631	.40210	499.34	5.9928	-.01301	-2.5972	4243.8
#2	.04722	.40156	493.70	6.1556	-.01115	-2.3666	3925.5

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.493	88.462	.17270	.43379	112.15	.22698	8.2893
Stddev	.204	.692	.00650	.03062	1.41	.00500	.4020
%RSD	1.5106	.78208	3.7620	7.0581	1.2576	2.2035	4.8495

#1	13.349	88.951	.17729	.45544	113.15	.22344	8.5735
#2	13.637	87.972	.16810	.41214	111.15	.23052	8.0050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.445	-.02825	.28732	F 4207.6	F 76.116	F -1.4966	7.2145
Stddev	.430	.00071	.27799	117.4	.226	.0412	.0977
%RSD	.96760	2.5129	96.751	2.7904	.29695	2.7543	1.3541

#1	44.749	-.02875	.48389	4290.6	76.276	-1.5257	7.2836
#2	44.141	-.02774	.09076	4124.5	75.956	-1.4674	7.1455

Sample Name: J6030-02DUP Acquired: 11/27/2018 17:06:42 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-03DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38513	F 69.18	F -2.9284	<.00000	^ *****
Stddev	.00848	1.89	.2273	.06297	-----
%RSD	2.2020	2.730	7.7619	.25939	-----

#1	.39112	70.51	-3.0892	-24.233	^ -----
#2	.37913	67.84	-2.7677	-24.322	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.6	42143.	5108.7	74.986	1374.2
Stddev	21.1	410.	36.5	3.581	36.3
%RSD	.66330	.97264	.71385	4.7761	2.6446

#1	3159.7	42433.	5082.9	72.453	1348.5
#2	3189.5	41853.	5134.5	77.518	1399.9

Sample Name: J6030-02LX5 Acquired: 11/27/2018 17:10:54 Type: Unk
Method: P4-ICP2(v2606) 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	-.03995	.02751	-.18153	.02494	.01520	58.260	.00422	.01032
Stddev	.00148	.00237	.00438	.00831	.00127	.101	.00065	.00004
%RSD	3.6993	8.5997	2.4135	33.335	8.3878	.17288	15.462	.38069

#1	-.04099	.02918	-.18463	.03082	.01430	58.331	.00376	.01035
#2	-.03890	.02583	-.17843	.01906	.01610	58.189	.00468	.01029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01535	121.24	1.5796	-.00288	-.54199	F 914.17	3.6862	22.169
Stddev	.00211	.42	.0242	.00039	.01019	12.45	.0512	.403
%RSD	13.774	.34540	1.5300	13.396	1.8809	1.3619	1.3878	1.8176

#1	-.01684	120.95	1.5966	-.00315	-.54920	922.97	3.7224	21.884
#2	-.01385	121.54	1.5625	-.00260	-.53478	905.37	3.6500	22.454

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01468	.09632	24.718	.05613	1.6309	10.151	-.00750	-.02215
Stddev	.00029	.00126	.016	.00122	.0263	.118	.00010	.03480
%RSD	1.9687	1.3048	.06577	2.1754	1.6106	1.1638	1.3788	157.11

#1	-.01447	.09721	24.707	.05700	1.6495	10.067	-.00743	.00246
#2	-.01488	.09543	24.730	.05527	1.6123	10.234	-.00757	-.04676

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1008.8	F 19.083	-.36739	1.7329	.08566	8.113	-.65092	<.00000
Stddev	6.9	.184	.00124	.0112	.00161	.066	.01341	.11017
%RSD	.68431	.96298	.33723	.64501	1.8796	.8190	2.0606	20.912

#1	1003.9	19.213	-.36651	1.7250	.08452	8.066	-.66040	-.44891
#2	1013.7	18.954	-.36826	1.7409	.08679	8.160	-.64143	-.60471

Sample Name: J6030-02LX5 Acquired: 11/27/2018 17:10:54 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.4	41573.	4883.2	97.031	2996.4
Stddev	2.4	416.	28.7	1.988	10.8
%RSD	.07406	.99985	.58787	2.0486	.36157
#1	3272.6	41279.	4862.9	95.625	3004.1
#2	3276.1	41867.	4903.5	98.437	2988.7

Sample Name: CCV05 Acquired: 11/27/2018 17:23:00 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14235 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8778	5.0886	5.0544	5.1115	5.3268	10.847	10.074	.25132
Stddev	.0182	.0070	.0093	.0112	.0022	.042	.037	.00063
%RSD	.37302	.13688	.18336	.21978	.04173	.39132	.36561	.25162
#1	4.8907	5.0935	5.0609	5.1194	5.3253	10.817	10.100	.25177
#2	4.8650	5.0837	5.0478	5.1035	5.3284	10.877	10.048	.25087
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5549	26.277	1.0211	2.6041	1.2920	5.0195	2.5683	23.774
Stddev	.0030	.123	.0010	.0061	.0022	.1954	.0036	.046
%RSD	.11916	.46902	.09683	.23502	.17282	3.8924	.14110	.19448
#1	2.5570	26.364	1.0218	2.6084	1.2935	5.1577	2.5657	23.741
#2	2.5527	26.190	1.0204	2.5998	1.2904	4.8814	2.5708	23.807
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5147	1.1853	24.635	2.5298	2.5747	24.801	5.0313	4.7635
Stddev	.0062	.0009	.131	.0032	.0970	.004	.0145	.0099
%RSD	.24742	.07936	.53355	.12754	3.7683	.01640	.28813	.20759
#1	2.5191	1.1859	24.728	2.5321	2.6433	24.798	5.0416	4.7705
#2	2.5103	1.1846	24.542	2.5275	2.5061	24.804	5.0211	4.7565
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8982	4.8943	4.8282	5.0935	5.0514	5.222	5.1689	F 6.3040
Stddev	.0050	.0391	.0047	.0103	.0133	.010	.0137	.0555
%RSD	.10201	.79800	.09785	.20152	.26306	.1853	.26559	.87989
#1	4.9018	4.9220	4.8316	5.0862	5.0608	5.229	5.1786	6.2647
#2	4.8947	4.8667	4.8249	5.1007	5.0420	5.216	5.1592	6.3432

Sample Name: CCV05 Acquired: 11/27/2018 17:23:00 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14235 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8917
Stddev .3841
%RSD 13.282

#1 2.6201
#2 3.1633

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.6	41887.	4640.8	98.154	3433.2
Stddev	10.5	69.	21.4	3.832	12.6
%RSD	.31386	.16392	.46121	3.9046	.36770

#1	3330.2	41936.	4625.6	95.444	3424.3
#2	3345.0	41839.	4655.9	100.86	3442.1

Sample Name: CCB05 Acquired: 11/27/2018 17:35:10 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14235 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	.00034	.00018	.00064	-.00199	-.01316	-.00230	.00002
Stddev	.00074	.00003	.00089	.00018	.00181	.00559	.00132	.00001
%RSD	92.162	9.1233	492.47	28.068	90.674	42.478	57.178	46.652

#1	.00028	.00037	-.00045	.00052	-.00072	-.01712	-.00324	.00003
#2	.00133	.00032	.00081	.00077	-.00327	-.00921	-.00137	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00575	-.00026	-.00010	.00001	.01152	-.00032	-.01190
Stddev	.00006	.01775	.00047	.00013	.00012	.00853	.00000	.04341
%RSD	78.623	308.85	180.78	132.32	1460.9	73.992	1.1275	364.80

#1	.00003	.01830	.00007	-.00019	-.00008	.00549	-.00032	.01880
#2	.00012	-.00680	-.00059	-.00001	.00009	.01755	-.00032	-.04259

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00059	-.36197	-.00017	-.00073	-.03106	.00002	-.00367
Stddev	.00027	.00029	.00233	.00003	.00002	.00104	.00003	.00301
%RSD	50.502	48.754	.64253	15.340	2.8771	3.3482	105.78	81.968

#1	.00035	-.00079	-.36362	-.00019	-.00071	-.03180	.00004	-.00580
#2	.00074	-.00039	-.36033	-.00015	-.00074	-.03033	.00001	-.00154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00842	.00490	-.00078	.00035	-.00225	-.0020	-.00001	F 3.0137
Stddev	.00059	.00088	.00016	.00246	.00094	.0008	.00002	.2552
%RSD	6.9935	18.035	19.896	706.84	41.686	42.43	384.62	8.4695

#1	-.00800	.00553	-.00089	-.00139	-.00292	-.0025	.00001	2.8332
#2	-.00884	.00428	-.00067	.00209	-.00159	-.0014	-.00002	3.1942

Sample Name: CCB05 Acquired: 11/27/2018 17:35:10 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14235 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .48186
Stddev	.51867
%RSD	107.64

#1	.11510
#2	.84861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.7	45252.	4911.6	110.61	4152.3
Stddev	8.8	27.	21.3	.69	3.8
%RSD	.24552	.05924	.43314	.62619	.09201

#1	3585.5	45271.	4896.5	110.12	4155.0
#2	3598.0	45233.	4926.6	111.10	4149.6

Sample Name: J6030-03 Acquired: 11/27/2018 17:39:14 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6030-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48024	2.8224	.80159	1.0099	.73793	243.81	.19616
Stddev	.00621	.0012	.05466	.0551	.00565	3.12	.00047
%RSD	1.2930	.04377	6.8191	5.4592	.76543	1.2793	.23806

#1	.47585	2.8215	.84024	.97090	.74193	241.60	.19649
#2	.48463	2.8233	.76293	1.0489	.73394	246.01	.19583

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20225	.59123	457.65	F 5.9512	.30986	F -2.0452	F 3709.0
Stddev	.00335	.01943	2.31	.0579	.00089	.1179	145.1
%RSD	1.6587	3.2860	.50409	.97286	.28674	5.7649	3.9120

#1	.19988	.60497	459.28	5.9103	.31049	-1.9618	3606.4
#2	.20463	.57749	456.01	5.9922	.30923	-2.1286	3811.6

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.842	81.968	.88206	.45516	104.36	.44060	7.6688
Stddev	.232	.045	.00520	.01802	.51	.00393	.2252
%RSD	1.8088	.05491	.58965	3.9598	.49240	.89132	2.9370

#1	12.678	81.936	.88574	.44242	104.72	.43782	7.5095
#2	13.006	82.000	.87838	.46791	104.00	.44337	7.8281

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.523	.28471	.43198	F 3813.4	F 70.028	-.40746	6.7252
Stddev	.281	.00018	.21293	26.8	.459	.00170	.0449
%RSD	.57815	.06374	49.291	.70255	.65502	.41823	.66826

#1	48.721	.28459	.28142	3832.3	70.353	-.40867	6.7570
#2	48.324	.28484	.58255	3794.5	69.704	-.40626	6.6935

Sample Name: J6030-03 Acquired: 11/27/2018 17:39:14 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6030-02MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.52926	F 67.66	F -2.4954	<.00000	^ *****
Stddev	.00071	.14	.1669	.14582	-----
%RSD	.13505	.2005	6.6894	.69035	-----

#1	.52976	67.75	-2.3774	-21.226	^ -----
#2	.52875	67.56	-2.6135	-21.019	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.2	41503.	5093.9	76.600	1514.0
Stddev	5.3	436.	36.3	2.298	3.6
%RSD	.16820	1.0514	.71220	3.0001	.23747

#1	3156.5	41812.	5068.2	78.225	1511.5
#2	3164.0	41195.	5119.5	74.975	1516.6

Sample Name: J6030-04 Acquired: 11/27/2018 17:43:23 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6030-02MSD Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47982	2.7983	.85316	.95058	.73589	243.95	.19661
Stddev	.00704	.0226	.01070	.02783	.00475	.85	.00037
%RSD	1.4677	.80637	1.2538	2.9278	.64577	.34852	.18974

#1	.48480	2.8143	.84560	.97026	.73253	244.55	.19688
#2	.47484	2.7824	.86073	.93090	.73925	243.35	.19635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20336	.60700	460.45	F 5.9925	.30799	F -1.9017	F 3529.4
Stddev	.00164	.00141	1.01	.0272	.00193	.0456	58.6
%RSD	.80462	.23309	.21936	.45436	.62513	2.3995	1.6593

#1	.20452	.60600	461.16	6.0118	.30663	-1.9339	3570.8
#2	.20220	.60800	459.73	5.9733	.30935	-1.8694	3487.9

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.904	82.133	.87680	.43118	104.55	.44088	7.3832
Stddev	.154	.288	.00388	.00847	.42	.00282	.2124
%RSD	1.1963	.35054	.44260	1.9646	.40625	.63994	2.8773

#1	13.013	82.336	.87954	.43717	104.86	.44288	7.5334
#2	12.795	81.929	.87406	.42519	104.25	.43889	7.2330

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.558	.28429	.13652	F 3790.4	F 70.568	-.40475	6.7367
Stddev	.248	.00009	.11588	.6	.301	.00372	.0426
%RSD	.51102	.03332	84.878	.01652	.42636	.91806	.63212

#1	48.733	.28436	.21846	3790.0	70.780	-.40738	6.7668
#2	48.382	.28422	.05458	3790.9	70.355	-.40212	6.7066

Sample Name: J6030-04 Acquired: 11/27/2018 17:43:23 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6030-02MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.53400	F 67.18	F -2.2970	<.00000	^ *****
Stddev	.00430	.26	.0565	.21316	-----
%RSD	.80523	.3832	2.4615	1.0011	-----

#1	.53096	67.36	-2.3370	-21.141	^ -----
#2	.53704	67.00	-2.2570	-21.443	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.1	41504.	5076.5	79.598	1523.2
Stddev	3.5	319.	33.1	2.230	5.5
%RSD	.10944	.76825	.65292	2.8019	.35927

#1	3165.6	41279.	5053.0	78.021	1519.4
#2	3170.5	41729.	5099.9	81.175	1527.1

Sample Name: J6030-02A Acquired: 11/27/2018 17:47:32 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7726 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47843	2.8152	.81834	.99278	.73354	245.08	.19681
Stddev	.00277	.0067	.00588	.00188	.00482	4.92	.00121
%RSD	.57805	.23929	.71852	.18896	.65710	2.0085	.61672

#1	.48038	2.8104	.81418	.99411	.73014	241.60	.19595
#2	.47647	2.8200	.82250	.99145	.73695	248.56	.19767

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20406	.59162	462.90	F 6.0229	.30729	F -1.9925	F 3659.5
Stddev	.00401	.00090	2.71	.0969	.00195	.0413	29.8
%RSD	1.9668	.15274	.58568	1.6086	.63476	2.0729	.81415

#1	.20122	.59098	460.98	5.9544	.30867	-2.0217	3680.5
#2	.20690	.59226	464.81	6.0914	.30591	-1.9633	3638.4

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.981	82.580	.88316	.44832	105.07	.44638	7.6352
Stddev	.274	.606	.00040	.00229	.62	.00877	.0566
%RSD	2.1091	.73406	.04473	.51166	.58874	1.9641	.74098

#1	12.787	82.152	.88344	.44995	104.63	.44018	7.6752
#2	13.175	83.009	.88288	.44670	105.50	.45258	7.5952

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.968	.28454	.30444	F 3792.7	F 71.519	-.40258	6.7737
Stddev	.185	.00028	.02942	21.7	.082	.00635	.0276
%RSD	.37736	.09805	9.6620	.57170	.11443	1.5771	.40798

#1	48.837	.28434	.32524	3808.0	71.461	-.40707	6.7542
#2	49.098	.28474	.28364	3777.4	71.577	-.39809	6.7933

Sample Name: J6030-02A Acquired: 11/27/2018 17:47:32 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7726 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.53597	F 67.41	F -2.4314	<.00000	^ *****
Stddev	.00008	.18	.0404	.42291	-----
%RSD	.01410	.2625	1.6606	2.0525	-----

#1	.53592	67.53	-2.4600	-20.904	^ -----
#2	.53602	67.28	-2.4029	-20.305	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3158.2	41109.	5021.6	76.804	1519.2
Stddev	.6	525.	10.4	.627	4.8
%RSD	.02037	1.2782	.20654	.81691	.31360

#1	3158.6	41481.	5014.3	76.360	1515.8
#2	3157.7	40738.	5028.9	77.248	1522.6

Sample Name: J6030-05 Acquired: 11/27/2018 17:51:42 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00140	.01121	.00594	-.00098	.38107	.53983	.00003
Stddev	.00158	.00104	.00064	.00145	.00012	.02770	.00326	.00001
%RSD	3352.7	74.382	5.7526	24.477	11.966	7.2702	.60391	44.443
#1	.00107	-.00214	.01075	.00697	-.00106	.40066	.53752	.00004
#2	-.00116	-.00066	.01166	.00491	-.00090	.36148	.54213	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	339.34	-.00237	.00029	-.02190	40.229	2.7178	51.427
Stddev	.00012	2.17	.00065	.00019	.00072	.307	.0070	.007
%RSD	10.512	.63959	27.248	63.594	3.2957	.76195	.25598	.01354
#1	-.00124	337.81	-.00283	.00042	-.02241	40.446	2.7227	51.432
#2	-.00106	340.88	-.00192	.00016	-.02139	40.012	2.7128	51.422
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	.00372	443.19	.00382	.02478	35.885	.00045	.51361
Stddev	.00028	.00083	2.15	.00009	.00028	.033	.00020	.01582
%RSD	11.492	22.459	.48501	2.2479	1.1292	.09149	45.061	3.0807
#1	-.00220	.00431	441.67	.00376	.02458	35.861	.00031	.50242
#2	-.00259	.00313	444.71	.00388	.02498	35.908	.00060	.52480
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8296	F 23.580	.00228	.02189	.02999	1.271	2.1431	8.3848
Stddev	.0187	.076	.00107	.00118	.00199	.003	.0002	.3633
%RSD	.48782	.32064	47.135	5.4006	6.6424	.2113	.00952	4.3329
#1	3.8428	23.527	.00152	.02273	.02858	1.269	2.1430	8.6417
#2	3.8164	23.634	.00304	.02106	.03139	1.273	2.1433	8.1279

Sample Name: J6030-05 Acquired: 11/27/2018 17:51:42 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.1852
Stddev	1.2644
%RSD	15.447

#1	7.2912
#2	9.0793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.2	38490.	4444.6	93.930	3052.3
Stddev	8.6	209.	14.5	.258	.8
%RSD	.28462	.54347	.32581	.27470	.02754

#1	3005.2	38342.	4454.9	93.747	3052.8
#2	3017.3	38638.	4434.4	94.112	3051.7

Sample Name: J6031-01 Acquired: 11/27/2018 17:55:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00227	.00365	.00202	-.00178	.94855	.85662	.00011
Stddev	.00050	.00240	.00047	.00054	.00140	.02089	.01106	.00013
%RSD	36.017	105.66	12.961	26.985	79.142	2.2025	1.2907	116.08

#1	.00175	-.00057	.00332	.00240	-.00277	.93378	.86444	.00021
#2	.00104	-.00397	.00399	.00163	-.00078	.96333	.84881	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	309.65	.02557	.00031	-.02082	34.018	2.7689	59.789
Stddev	.00007	3.15	.00018	.00018	.00098	.579	.0031	.225
%RSD	6.1011	1.0168	.71063	57.882	4.7115	1.7033	.11120	.37607

#1	-.00108	311.88	.02544	.00018	-.02013	33.608	2.7667	59.630
#2	-.00117	307.43	.02570	.00043	-.02151	34.428	2.7710	59.948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00541	.00366	259.34	.00372	.04166	52.875	.00221	.53949
Stddev	.00034	.00041	2.38	.00042	.00034	.442	.00023	.01768
%RSD	6.3501	11.233	.91652	11.226	.80831	.83651	10.599	3.2764

#1	-.00565	.00395	261.02	.00342	.04142	53.188	.00238	.52699
#2	-.00516	.00337	257.66	.00401	.04190	52.562	.00205	.55199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.285	F 28.024	-.00525	.02624	.26341	1.738	1.7536	7.9335
Stddev	.016	.465	.00106	.00313	.00060	.007	.0174	.0719
%RSD	.06906	1.6584	20.114	11.913	.22898	.4293	.99133	.90611

#1	23.297	28.353	-.00600	.02403	.26298	1.733	1.7658	7.8826
#2	23.274	27.695	-.00450	.02845	.26384	1.743	1.7413	7.9843

Sample Name: J6031-01 Acquired: 11/27/2018 17:55:48 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VTW-01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.5332
Stddev	.2869
%RSD	3.8082

#1	7.7360
#2	7.3303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3061.0	39065.	4498.0	96.896	3130.2
Stddev	9.1	171.	53.9	.475	7.2
%RSD	.29775	.43769	1.1976	.49019	.23047

#1	3054.6	39185.	4459.9	97.232	3125.1
#2	3067.5	38944.	4536.1	96.560	3135.3

Sample Name: J6031-02 Acquired: 11/27/2018 17:59:54 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	-.00555	.00801	.00898	-.00412	.34518	.15164	-.00034
Stddev	.00097	.00034	.00006	.00165	.00113	.00198	.00001	.00007
%RSD	77.617	6.1426	.74293	18.385	27.322	.57490	.00567	20.436
#1	-.00193	-.00530	.00805	.01015	-.00333	.34658	.15164	-.00039
#2	-.00056	-.00579	.00797	.00781	-.00492	.34378	.15165	-.00029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	216.73	-.00242	.00106	-.00217	4.8133	6.5688	44.199
Stddev	.00004	.74	.00018	.00042	.00023	.1417	.0478	.241
%RSD	18.541	.34218	7.2390	39.797	10.603	2.9445	.72745	.54480
#1	-.00022	216.21	-.00230	.00135	-.00233	4.7130	6.5350	44.369
#2	-.00017	217.26	-.00254	.00076	-.00201	4.9135	6.6026	44.028
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	.00071	92.834	.00353	.01685	20.081	.00313	.29259
Stddev	.00038	.00056	.374	.00028	.00053	.150	.00018	.00924
%RSD	17.444	78.717	.40337	7.9845	3.1246	.74870	5.6292	3.1591
#1	-.00242	.00110	92.569	.00373	.01647	19.975	.00325	.29912
#2	-.00189	.00031	93.098	.00333	.01722	20.187	.00300	.28605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.821	F 23.329	-.00902	.02316	.03281	.4359	.95925	7.0921
Stddev	.290	.044	.00070	.00256	.00152	.0062	.00134	.1728
%RSD	1.0435	.18708	7.7530	11.060	4.6197	1.411	.13997	2.4370
#1	28.026	23.360	-.00952	.02497	.03388	.4402	.95830	6.9698
#2	27.615	23.299	-.00853	.02135	.03174	.4315	.96020	7.2143

Sample Name: J6031-02 Acquired: 11/27/2018 17:59:54 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.54356
Stddev	.28981
%RSD	53.317

#1	.33863
#2	.74848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.9	40407.	4563.2	98.023	3351.1
Stddev	34.6	69.	7.9	2.583	38.0
%RSD	1.0838	.17197	.17341	2.6349	1.1334

#1	3165.4	40456.	4557.6	99.850	3324.3
#2	3214.3	40358.	4568.8	96.197	3378.0

Sample Name: J6031-03 Acquired: 11/27/2018 18:04:02 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6031-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77916	1.8946	.96426	2.0015	.85649	2.6198	.36580	.20348
Stddev	.00602	.0033	.00155	.0035	.00154	.0387	.00377	.00053
%RSD	.77206	.17605	.16080	.17405	.17985	1.4771	1.0302	.25888

#1	.77491	1.8922	.96316	2.0039	.85758	2.5924	.36847	.20311
#2	.78341	1.8969	.96535	1.9990	.85540	2.6471	.36314	.20385

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19604	227.11	.40322	.20746	.30195	8.1185	7.0270	48.222
Stddev	.00028	1.02	.00067	.00061	.00053	.1376	.0054	.091
%RSD	.14344	.44999	.16621	.29228	.17438	1.6943	.07626	.18935

#1	.19584	226.39	.40274	.20703	.30232	8.0213	7.0232	48.158
#2	.19624	227.83	.40369	.20789	.30158	8.2158	7.0307	48.287

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48590	.06945	100.35	.31257	.21893	30.922	.43120	.58464
Stddev	.00141	.00108	.16	.00024	.00391	.008	.00036	.00317
%RSD	.29105	1.5568	.16061	.07655	1.7848	.02627	.08349	.54168

#1	.48690	.07021	100.24	.31274	.21617	30.917	.43095	.58688
#2	.48490	.06868	100.47	.31240	.22170	30.928	.43146	.58240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.056	F 25.011	.66076	.22962	.24794	6.737	1.2151	6.9920
Stddev	.011	.001	.00225	.00345	.00078	.025	.0015	.2602
%RSD	.03635	.00285	.34007	1.5007	.31414	.3635	.12718	3.7215

#1	29.048	25.012	.65917	.23206	.24849	6.720	1.2141	7.1760
#2	29.063	25.011	.66235	.22719	.24739	6.754	1.2162	6.8080

Sample Name: J6031-03 Acquired: 11/27/2018 18:04:02 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6031-02MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.45044
%RSD	79.541

#1	-.88481
#2	-.24779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.5	40275.	4525.1	96.804	3287.7
Stddev	16.8	61.	2.9	1.149	11.0
%RSD	.52958	.15095	.06338	1.1871	.33504

#1	3152.6	40232.	4523.0	97.617	3279.9
#2	3176.3	40318.	4527.1	95.991	3295.5

Sample Name: J6031-04 Acquired: 11/27/2018 18:07:58 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6031-02MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78264	1.8930	.95921	2.0033	.85535	2.6224	.36618	.20346
Stddev	.00032	.0001	.00056	.0013	.00390	.0193	.00057	.00039
%RSD	.04046	.00679	.05886	.06525	.45624	.73535	.15469	.18945

#1	.78286	1.8931	.95881	2.0042	.85259	2.6361	.36658	.20319
#2	.78241	1.8929	.95961	2.0024	.85811	2.6088	.36578	.20373

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19525	227.84	.40327	.20626	.30215	7.8524	6.9961	48.057
Stddev	.00038	.30	.00128	.00177	.00089	.1123	.0337	.294
%RSD	.19689	.13110	.31665	.85624	.29594	1.4306	.48123	.61223

#1	.19497	228.05	.40417	.20501	.30151	7.7730	6.9723	47.849
#2	.19552	227.63	.40237	.20750	.30278	7.9319	7.0199	48.265

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48457	.07021	100.39	.31361	.21452	30.941	.43073	.60090
Stddev	.00034	.00031	.37	.00131	.00176	.055	.00130	.01266
%RSD	.07073	.43529	.36704	.41828	.82101	.17870	.30267	2.1074

#1	.48433	.07042	100.13	.31268	.21327	30.902	.42981	.59195
#2	.48481	.06999	100.65	.31454	.21576	30.980	.43165	.60986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.149	F 25.212	.65812	.23211	.24727	6.741	1.2160	7.0637
Stddev	.054	.168	.00301	.00195	.00040	.003	.0008	.0641
%RSD	.18395	.66501	.45669	.84068	.16192	.0389	.06449	.90718

#1	29.111	25.094	.65600	.23073	.24755	6.739	1.2155	7.0184
#2	29.187	25.331	.66025	.23349	.24699	6.743	1.2166	7.1090

Sample Name: J6031-04 Acquired: 11/27/2018 18:07:58 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6031-02MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.38173
%RSD	50.319

#1	-1.0286
#2	-.48871

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.9	40301.	4491.0	98.249	3286.8
Stddev	.4	92.	9.9	.717	5.8
%RSD	.01248	.22929	.22141	.72951	.17738

#1	3157.6	40236.	4498.0	98.756	3290.9
#2	3158.2	40367.	4483.9	97.742	3282.6

Sample Name: J6031-02A Acquired: 11/27/2018 18:11:54 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80255	1.9483	.99614	2.0575	.88254	2.6212	.36653	.20252
Stddev	.02823	.0747	.03884	.0814	.03433	.0254	.00120	.00067
%RSD	3.5177	3.8324	3.8992	3.9574	3.8904	.96772	.32709	.33070
#1	.78259	1.8955	.96868	1.9999	.85826	2.6391	.36738	.20299
#2	.82251	2.0011	1.0236	2.1151	.90681	2.6032	.36568	.20205
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20199	229.08	.40202	.21306	.30968	8.0363	7.0133	48.005
Stddev	.00734	.55	.00184	.00782	.01136	.1326	.0040	.206
%RSD	3.6361	.23883	.45831	3.6709	3.6695	1.6497	.05718	.42854
#1	.19680	228.69	.40072	.20753	.30165	7.9425	7.0162	47.859
#2	.20718	229.46	.40332	.21859	.31772	8.1300	7.0105	48.150
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50038	.06937	100.39	.31150	.22124	31.071	.44394	.58652
Stddev	.01526	.00074	.19	.00127	.00281	.037	.01599	.01229
%RSD	3.0490	1.0634	.18432	.40742	1.2681	.11994	3.6028	2.0957
#1	.48960	.06885	100.26	.31060	.21926	31.045	.43263	.57783
#2	.51117	.06989	100.52	.31239	.22323	31.097	.45525	.59521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.871	F 25.246	.67934	.22821	.24599	6.932	1.2112	7.0892
Stddev	1.202	.129	.02430	.00103	.00214	.242	.0005	.0164
%RSD	4.0225	.51208	3.5771	.45050	.87129	3.489	.03933	.23103
#1	29.021	25.154	.66216	.22748	.24751	6.761	1.2115	7.1007
#2	30.720	25.337	.69653	.22893	.24448	7.103	1.2108	7.0776

Sample Name: J6031-02A Acquired: 11/27/2018 18:11:54 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VTW-02 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .26928
 %RSD 55.532

#1 -.67531
 #2 -.29450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.3	40357.	4471.6	95.790	3205.4
Stddev	109.2	138.	1.2	1.319	114.6
%RSD	3.5382	.34268	.02711	1.3767	3.5755

#1	3164.6	40259.	4472.5	96.723	3286.4
#2	3010.1	40455.	4470.7	94.858	3124.3

Sample Name: J5807-12RE Acquired: 11/27/2018 18:15:50 Type: Unk
Method: P4-ICP2(v2606) 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	1.5033	2.6461	4.8923	3.6418	.92805	208.65	5.1705
Stddev	.0057	.0025	.0109	.0216	.00839	4.71	.1787
%RSD	.37652	.09515	.22370	.59383	.90402	2.2572	3.4572

#1	1.4993	2.6443	4.9000	3.6265	.92212	205.32	5.0441
#2	1.5073	2.6479	4.8846	3.6571	.93399	211.98	5.2969

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.3571	1.6761	171.98	F 4.0086	1.3046	1.0060	317.61
Stddev	.0589	.0033	6.41	.0660	.0008	.0038	11.99
%RSD	1.7558	.19468	3.7256	1.6474	.06203	.37429	3.7746

#1	3.3154	1.6784	167.45	3.9619	1.3052	1.0087	309.13
#2	3.3988	1.6737	176.51	4.0553	1.3040	1.0034	326.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.868	235.36	2.0350	.64842	48.715	3.7410	15.700
Stddev	.293	8.65	.0034	.01276	1.671	.0611	.461
%RSD	1.5551	3.6739	.16493	1.9672	3.4292	1.6331	2.9343

#1	18.661	229.24	2.0374	.63940	47.534	3.6978	15.374
#2	19.076	241.47	2.0326	.65744	49.896	3.7842	16.026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	374.40	1.7443	5.1402	2.6122	F 27.897	3.3770	F 10.826
Stddev	13.08	.0060	.2025	.0093	.947	.0028	.353
%RSD	3.4926	.34239	3.9401	.35617	3.3949	.08302	3.2648

#1	365.16	1.7400	4.9970	2.6056	27.227	3.3790	10.576
#2	383.65	1.7485	5.2834	2.6188	28.566	3.3750	11.076

Sample Name: J5807-12RE Acquired: 11/27/2018 18:15:50 Type: Unk
 Method: P4-ICP2(v2606) 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 21.557	F 15.45	3.5391	2.4487	F<.00000
Stddev	.753	.01	.1197	.5070	.69654
%RSD	3.4938	.0583	3.3827	20.705	1.4379

#1	21.024	15.46	3.4544	2.0902	-48.936
#2	22.089	15.45	3.6237	2.8072	-47.951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.2	44111.	5068.5	88.442	2848.2
Stddev	16.4	663.	148.0	2.721	2.5
%RSD	.47227	1.5021	2.9193	3.0762	.08833

#1	3485.8	44580.	5173.1	90.366	2849.9
#2	3462.6	43643.	4963.9	86.518	2846.4

Sample Name: CCV06 Acquired: 11/27/2018 18:23:59 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14236 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8432	5.0278	4.9879	5.0402	5.2633	10.778	9.9316	.25104
Stddev	.0105	.0202	.0356	.0127	.0217	.103	.1423	.00179
%RSD	.21749	.40235	.71315	.25134	.41194	.95162	1.4330	.71204
#1	4.8507	5.0421	5.0131	5.0492	5.2787	10.705	9.8310	.24977
#2	4.8358	5.0135	4.9628	5.0312	5.2480	10.850	10.032	.25230
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5210	26.061	1.0170	2.5670	1.2798	4.8101	2.5693	23.413
Stddev	.0118	.569	.0030	.0163	.0066	.0430	.0180	.838
%RSD	.46925	2.1819	.29236	.63383	.51307	.89465	.69947	3.5778
#1	2.5294	25.659	1.0149	2.5785	1.2844	4.7797	2.5566	22.821
#2	2.5126	26.463	1.0191	2.5555	1.2751	4.8405	2.5820	24.006
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4841	1.1865	24.095	2.5250	2.4784	24.444	4.9879	4.6940
Stddev	.0084	.0124	.344	.0190	.0106	.331	.0163	.0592
%RSD	.34017	1.0481	1.4261	.75321	.42900	1.3537	.32668	1.2615
#1	2.4901	1.1777	23.852	2.5116	2.4709	24.210	4.9994	4.6522
#2	2.4781	1.1953	24.338	2.5385	2.4859	24.678	4.9764	4.7359
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7916	4.9913	4.7828	5.0166	4.9744	5.175	5.0640	F 6.6112
Stddev	.0114	.1047	.0278	.1090	.0693	.024	.0691	.1084
%RSD	.23706	2.0967	.58027	2.1726	1.3925	.4579	1.3640	1.6397
#1	4.7996	4.9173	4.8024	4.9395	4.9254	5.192	5.0151	6.5346
#2	4.7835	5.0653	4.7632	5.0937	5.0234	5.158	5.1128	6.6879

Sample Name: CCV06 Acquired: 11/27/2018 18:23:59 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14236 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8504
Stddev .0846
%RSD 2.9685

#1 2.9103
#2 2.7906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.8	41738.	4631.5	101.31	3452.1
Stddev	16.3	130.	65.4	.35	22.8
%RSD	.48707	.31171	1.4123	.34131	.65997

#1	3337.3	41830.	4677.7	101.56	3436.0
#2	3360.4	41646.	4585.2	101.07	3468.2

Sample Name: CCB06 Acquired: 11/27/2018 18:27:44 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14236 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.00015	-.00009	-.00066	-.00139	-.00380	-.00363
Stddev	.00157	.00066	.00044	.00168	.00097	.01314	.00002
%RSD	94.640	454.38	471.99	255.79	70.104	345.85	.47310

#1	.00055	-.00061	.00022	-.00184	-.00070	.00549	-.00362
#2	.00277	.00032	-.00041	.00053	-.00208	-.01309	-.00364

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00012	-.00596	-.00042	-.00015	-.00008	.00798
Stddev	.00005	.00006	.00197	.00028	.00019	.00012	.00388
%RSD	126.09	47.933	33.015	67.594	134.15	152.45	48.576

#1	.00000	.00015	-.00735	-.00022	-.00001	-.00017	.00524
#2	.00007	.00008	-.00457	-.00062	-.00028	.00001	.01072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.03911	.00110	.00002	-.34409	.00034	-.00077
Stddev	.00009	.00934	.00019	.00061	.00018	.00006	.00000
%RSD	33.872	23.879	17.036	3913.1	.05274	17.832	.14382

#1	-.00032	.03250	.00123	.00045	-.34422	.00038	-.00077
#2	-.00020	.04571	.00097	-.00042	-.34396	.00030	-.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	.00048	-.00243	F -.01150	.01098	-.00044	.00221
Stddev	.00502	.00012	.00725	.00195	.00097	.00043	.00035
%RSD	138.49	24.588	298.35	16.923	8.8694	97.276	15.679

#1	.00718	.00040	.00270	-.01012	.01167	-.00014	.00246
#2	.00008	.00057	-.00755	-.01287	.01029	-.00074	.00197

Sample Name: CCB06 Acquired: 11/27/2018 18:27:44 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14236 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00542	-.0004	.00009	F 3.4836	F .15659
Stddev	.00109	.0013	.00003	.2398	.20994
%RSD	20.106	304.0	38.011	6.8831	134.07

#1	-.00465	.0005	.00006	3.3140	.30504
#2	-.00619	-.0013	.00011	3.6531	.00815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.9	45191.	4802.3	109.65	4141.6
Stddev	16.9	133.	2.8	.14	15.7
%RSD	.47294	.29449	.05736	.13191	.37970

#1	3579.9	45285.	4800.3	109.54	4152.7
#2	3556.0	45097.	4804.2	109.75	4130.5

Sample Name: J6031-06 Acquired: 11/27/2018 18:31:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00174	.01310	.00800	-.00250	1.2570	.79269	-.00004
Stddev	.00007	.00090	.00088	.00024	.00019	.0313	.00353	.00003
%RSD	28.397	51.743	6.6967	3.0559	7.4736	2.4881	.44538	71.921
#1	.00021	-.00110	.01248	.00818	-.00236	1.2349	.79518	-.00006
#2	.00031	-.00237	.01372	.00783	-.00263	1.2791	.79019	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	313.36	.02390	.00503	-.01096	24.591	3.1712	42.294
Stddev	.00016	2.30	.00007	.00018	.00028	.736	.0058	.173
%RSD	18.850	.73356	.30933	3.5897	2.5524	2.9942	.18326	.41007
#1	-.00074	311.73	.02395	.00491	-.01076	24.070	3.1671	42.171
#2	-.00097	314.98	.02385	.00516	-.01116	25.111	3.1753	42.417
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00407	.00239	186.08	.00371	.04671	31.558	.00249	.33740
Stddev	.00031	.00015	.78	.00030	.00103	.022	.00047	.01066
%RSD	7.5761	6.4462	.41681	8.1715	2.2082	.06903	18.931	3.1591
#1	-.00386	.00228	186.63	.00393	.04598	31.573	.00282	.32986
#2	-.00429	.00249	185.53	.00350	.04744	31.542	.00216	.34493
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.735	F 26.183	-.00647	.04715	.11254	1.487	1.5525	7.7447
Stddev	.114	.141	.00108	.00060	.00272	.001	.0107	.1182
%RSD	.42777	.53917	16.742	1.2728	2.4137	.0798	.68900	1.5264
#1	26.816	26.083	-.00724	.04673	.11062	1.488	1.5601	7.8283
#2	26.654	26.282	-.00571	.04758	.11446	1.486	1.5450	7.6611

Sample Name: J6031-06 Acquired: 11/27/2018 18:31:48 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5193
Stddev	.5980
%RSD	10.834

#1	5.0965
#2	5.9422

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.8	39487.	4485.0	94.749	3195.9
Stddev	18.7	69.	10.8	2.438	13.8
%RSD	.60331	.17485	.24079	2.5733	.43078

#1	3090.5	39439.	4492.6	96.473	3186.2
#2	3117.0	39536.	4477.4	93.025	3205.6

Sample Name: J6032-01 Acquired: 11/27/2018 18:35:47 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	-.00183	.00796	.00723	-.00275	.03244	.47052	.00016
Stddev	.00189	.00150	.00023	.00016	.00193	.00693	.00597	.00000
%RSD	132.83	81.704	2.9328	2.2307	70.162	21.377	1.2686	1.4801

#1	.00009	-.00289	.00779	.00735	-.00412	.02753	.47474	.00016
#2	.00276	-.00077	.00812	.00712	-.00139	.03734	.46630	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	139.90	.00106	.00679	-.00712	21.041	.72193	19.550
Stddev	.00004	1.59	.00024	.00010	.00010	.667	.01701	.023
%RSD	5.6233	1.1357	23.019	1.4326	1.3713	3.1691	2.3561	.11884

#1	-.00077	141.03	.00123	.00672	-.00705	20.570	.73396	19.534
#2	-.00083	138.78	.00088	.00686	-.00719	21.513	.70990	19.567

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00143	254.76	.00344	.05455	15.475	.00138	.22633
Stddev	.00012	.00027	4.40	.00054	.00086	.122	.00023	.00580
%RSD	2.9757	18.790	1.7284	15.623	1.5692	.79135	16.711	2.5625

#1	.00409	.00124	257.87	.00306	.05394	15.561	.00122	.23043
#2	.00392	.00162	251.65	.00382	.05515	15.388	.00155	.22223

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.668	F 24.796	-.00718	.00219	.04339	.6588	.74339	6.7450
Stddev	.275	.457	.00084	.00008	.00098	.0018	.00880	.3810
%RSD	1.1161	1.8415	11.688	3.6647	2.2653	.2682	1.1834	5.6486

#1	24.863	25.119	-.00778	.00213	.04270	.6601	.74961	7.0145
#2	24.473	24.473	-.00659	.00225	.04409	.6576	.73717	6.4756

Sample Name: J6032-01 Acquired: 11/27/2018 18:35:47 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.9582
Stddev	.0806
%RSD	1.6262

#1	4.9012
#2	5.0152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.1	40651.	4529.2	96.744	3318.4
Stddev	34.0	985.	92.4	1.257	39.5
%RSD	1.0708	2.4228	2.0400	1.2995	1.1899

#1	3148.1	39955.	4463.9	97.633	3290.4
#2	3196.1	41347.	4594.5	95.855	3346.3

Sample Name: J6032-05 Acquired: 11/27/2018 18:39:52 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6032-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68662	1.6453	.84263	1.7405	.75263	1.9489	.63364	.17864
Stddev	.00427	.0051	.00088	.0042	.00559	.0250	.00056	.00010
%RSD	.62228	.31190	.10474	.24242	.74245	1.2824	.08907	.05743

#1	.68964	1.6417	.84325	1.7375	.75659	1.9312	.63324	.17871
#2	.68360	1.6490	.84200	1.7435	.74868	1.9666	.63404	.17856

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17100	135.65	.35762	.18852	.26058	22.410	.87820	20.402
Stddev	.00034	.09	.00088	.00026	.00077	.311	.00087	.172
%RSD	.19672	.06740	.24520	.13576	.29367	1.3875	.09868	.84486

#1	.17124	135.58	.35824	.18870	.26112	22.190	.87881	20.281
#2	.17076	135.71	.35700	.18834	.26004	22.630	.87759	20.524

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43695	.06188	245.30	.27319	.22340	23.773	.37731	.46018
Stddev	.00133	.00027	3.61	.00138	.00196	.020	.00118	.00603
%RSD	.30430	.43948	1.4704	.50398	.87758	.08523	.31307	1.3111

#1	.43789	.06207	242.75	.27222	.22202	23.788	.37815	.45592
#2	.43601	.06169	247.85	.27416	.22479	23.759	.37648	.46445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.504	F 24.817	.58624	.18671	.22826	6.135	.89734	7.5086
Stddev	.077	.004	.00149	.00038	.00133	.026	.00076	.1558
%RSD	.32879	.01647	.25368	.20375	.58169	.4227	.08435	2.0746

#1	23.559	24.820	.58519	.18698	.22732	6.153	.89680	7.6188
#2	23.449	24.814	.58729	.18644	.22920	6.117	.89787	7.3985

Sample Name: J6032-05 Acquired: 11/27/2018 18:39:52 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6032-01MS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4341
Stddev .1542
%RSD 4.4905

#1 3.5431
#2 3.3251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.8	40052.	4451.9	97.237	3308.1
Stddev	5.1	123.	12.3	.832	10.3
%RSD	.15920	.30773	.27604	.85520	.31157

#1	3184.2	39965.	4443.2	97.825	3300.8
#2	3191.4	40139.	4460.6	96.649	3315.4

Sample Name: J6032-06 Acquired: 11/27/2018 18:43:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6032-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68626	1.6415	.84068	1.7359	.75021	1.9705	.63159	.17869
Stddev	.00484	.0015	.00143	.0034	.00016	.0056	.00024	.00038
%RSD	.70586	.09058	.17028	.19348	.02084	.28655	.03779	.21322
#1	.68284	1.6404	.83966	1.7383	.75010	1.9745	.63176	.17896
#2	.68969	1.6426	.84169	1.7335	.75032	1.9665	.63142	.17842
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17091	134.67	.35777	.18817	.26083	22.123	.87531	20.421
Stddev	.00027	.26	.00048	.00021	.00121	.041	.00158	.039
%RSD	.15528	.19368	.13387	.10910	.46465	.18400	.18027	.19160
#1	.17072	134.48	.35743	.18803	.26168	22.094	.87419	20.394
#2	.17110	134.85	.35811	.18832	.25997	22.151	.87643	20.449
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43786	.06240	244.99	.27198	.21947	23.721	.37588	.46846
Stddev	.00061	.00006	.56	.00109	.00069	.124	.00122	.00715
%RSD	.14009	.10071	.23019	.40134	.31261	.52179	.32386	1.5264
#1	.43829	.06244	244.59	.27121	.21899	23.633	.37674	.46340
#2	.43742	.06235	245.39	.27275	.21996	23.808	.37502	.47351
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.479	F 24.586	.58549	.18500	.22800	6.116	.89569	6.8236
Stddev	.005	.116	.00162	.00255	.00029	.000	.00030	.0538
%RSD	.01968	.47050	.27746	1.3805	.12844	.0014	.03383	.78880
#1	23.476	24.668	.58434	.18681	.22821	6.116	.89590	6.7855
#2	23.482	24.505	.58664	.18319	.22780	6.116	.89547	6.8617

Sample Name: J6032-06 Acquired: 11/27/2018 18:43:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6032-01MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0092
Stddev	.2656
%RSD	6.6240

#1	3.8214
#2	4.1970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.2	40477.	4497.7	99.126	3319.9
Stddev	14.1	74.	7.5	.096	6.4
%RSD	.44096	.18234	.16575	.09671	.19275

#1	3196.2	40529.	4492.4	99.058	3315.3
#2	3216.2	40425.	4503.0	99.193	3324.4

Sample Name: J6032-01A Acquired: 11/27/2018 18:47:43 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67843	1.6333	.83569	1.7290	.74771	1.9369	.63511	.17844
Stddev	.00016	.0112	.00918	.0118	.00606	.0167	.00303	.00000
%RSD	.02384	.68347	1.0984	.68401	.81082	.86301	.47744	.00148

#1	.67854	1.6412	.84218	1.7374	.75200	1.9250	.63726	.17844
#2	.67831	1.6254	.82920	1.7207	.74342	1.9487	.63297	.17844

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17021	135.26	.35863	.18690	.25954	22.375	.87494	20.475
Stddev	.00127	.39	.00110	.00075	.00295	.000	.00043	.002
%RSD	.74845	.28505	.30800	.39910	1.1372	.00194	.04902	.00799

#1	.17112	135.53	.35785	.18743	.26163	22.376	.87524	20.474
#2	.16931	134.98	.35941	.18638	.25745	22.375	.87464	20.476

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43556	.06273	248.78	.27336	.22341	23.882	.37403	.45982
Stddev	.00336	.00069	3.22	.00039	.00193	.064	.00216	.00377
%RSD	.77225	1.1020	1.2924	.14342	.86191	.26602	.57645	.81993

#1	.43794	.06224	251.05	.27308	.22477	23.927	.37555	.46248
#2	.43319	.06321	246.51	.27364	.22205	23.837	.37250	.45715

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.346	F 24.887	.58408	.18537	.22789	6.081	.89803	6.7006
Stddev	.155	.250	.00132	.00138	.00208	.055	.00421	.1816
%RSD	.66347	1.0048	.22589	.74344	.91331	.9075	.46845	2.7102

#1	23.456	25.064	.58315	.18440	.22641	6.120	.90101	6.8290
#2	23.237	24.710	.58502	.18635	.22936	6.042	.89506	6.5721

Sample Name: J6032-01A Acquired: 11/27/2018 18:47:43 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9083
Stddev	.1099
%RSD	2.8121

#1	3.8306
#2	3.9860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.9	40461.	4438.1	97.191	3326.4
Stddev	27.6	113.	53.9	1.050	27.3
%RSD	.85821	.27806	1.2146	1.0800	.82196

#1	3191.4	40382.	4400.0	96.449	3307.1
#2	3230.4	40541.	4476.2	97.933	3345.7

Sample Name: J6032-02 Acquired: 11/27/2018 18:51:38 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	-.00764	.04091	.05642	-.00232	9.3025	.26104	-.00033
Stddev	.00141	.00056	.00152	.00040	.00001	.0743	.00244	.00001
%RSD	21.131	7.2721	3.7216	.70585	.44235	.79899	.93304	2.2787
#1	.00568	-.00804	.03983	.05670	-.00231	9.2500	.25932	-.00034
#2	.00768	-.00725	.04198	.05614	-.00232	9.3551	.26276	-.00033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	531.46	.01549	.03906	.04107	16.816	17.707	140.78
Stddev	.00003	.23	.00024	.00011	.00027	.531	.045	1.37
%RSD	25.531	.04327	1.5470	.27190	.66646	3.1585	.25584	.97014
#1	.00011	531.30	.01532	.03913	.04127	16.441	17.675	139.81
#2	.00016	531.62	.01566	.03898	.04088	17.192	17.739	141.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05649	.00410	185.48	.02666	.11448	22.616	.03607	.39939
Stddev	.00041	.00001	.59	.00025	.00247	.025	.00026	.00316
%RSD	.71970	.18266	.31632	.94072	2.1559	.10896	.73033	.79064
#1	.05620	.00410	185.07	.02684	.11273	22.599	.03625	.40163
#2	.05677	.00409	185.90	.02648	.11622	22.634	.03588	.39716
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 118.71	F 39.072	-.03828	.97791	.10379	.1689	1.5507	7.6423
Stddev	.49	.057	.00045	.01345	.00143	.0019	.0005	.2253
%RSD	.40881	.14711	1.1630	1.3759	1.3816	1.118	.03478	2.9484
#1	118.37	39.031	-.03797	.96839	.10481	.1675	1.5503	7.4830
#2	119.06	39.112	-.03860	.98742	.10278	.1702	1.5511	7.8017

Sample Name: J6032-02 Acquired: 11/27/2018 18:51:38 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-02 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1997
Stddev .5699
%RSD 17.812

#1 2.7967
#2 3.6027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3056.3	38904.	4432.8	91.622	3044.1
Stddev	1.6	94.	7.0	2.222	8.6
%RSD	.05315	.24060	.15899	2.4255	.28213

#1	3055.2	38838.	4437.7	93.194	3050.2
#2	3057.5	38970.	4427.8	90.051	3038.1

Sample Name: J6032-03 Acquired: 11/27/2018 18:55:42 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02872	-.00141	.15083	.00705	.00434	2.2741	1.1612	.00053
Stddev	.00508	.00267	.00264	.00018	.00040	.0470	.0067	.00002
%RSD	17.672	189.83	1.7535	2.5359	9.3088	2.0682	.57553	3.3452

#1	.03231	.00048	.14896	.00692	.00463	2.2409	1.1565	.00054
#2	.02513	-.00329	.15270	.00717	.00406	2.3074	1.1659	.00051

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	463.55	-.00002	.00322	-.02781	87.303	3.4589	63.011
Stddev	.00024	4.58	.00011	.00004	.00062	1.256	.0049	.791
%RSD	10.602	.98864	514.38	1.2380	2.2460	1.4383	.14232	1.2560

#1	-.00240	460.31	.00006	.00324	-.02825	88.191	3.4554	62.451
#2	-.00207	466.79	-.00010	.00319	-.02736	86.415	3.4624	63.571

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00841	1118.1	.01488	.14526	71.556	.01893	.40616
Stddev	.00038	.00104	8.6	.00065	.00342	.330	.00007	.00050
%RSD	34.018	12.400	.76913	4.3636	2.3520	.46121	.38035	.12318

#1	.00139	.00915	1124.2	.01442	.14768	71.322	.01888	.40580
#2	.00085	.00767	1112.0	.01534	.14285	71.789	.01898	.40651

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0958	F 34.038	.03947	.10453	.43948	1.566	2.5126	8.6349
Stddev	.0217	.068	.00104	.00041	.00756	.019	.0055	.3251
%RSD	.70205	.19973	2.6445	.39041	1.7196	1.193	.22041	3.7649

#1	3.0804	33.990	.03873	.10424	.43413	1.553	2.5087	8.4050
#2	3.1111	34.086	.04021	.10482	.44482	1.579	2.5165	8.8648

Sample Name: J6032-03 Acquired: 11/27/2018 18:55:42 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.102
Stddev	.045
%RSD	.23437

#1	19.134
#2	19.071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2950.5	37052.	4268.8	88.951	2838.1
Stddev	36.3	102.	1.0	1.967	41.0
%RSD	1.2300	.27425	.02323	2.2115	1.4442

#1	2976.1	37124.	4269.5	87.560	2867.1
#2	2924.8	36980.	4268.1	90.342	2809.1

Sample Name: J6032-04 Acquired: 11/27/2018 18:59:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	-.00028	.28812	.00753	-.00128	1.6279	.64379	.00035
Stddev	.00125	.00068	.00153	.00254	.00006	.0001	.00220	.00008
%RSD	14.652	237.12	.53035	33.728	5.0135	.00475	.34224	23.338

#1	.00765	.00019	.28920	.00933	-.00132	1.6279	.64223	.00041
#2	.00941	-.00076	.28703	.00573	-.00123	1.6278	.64535	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	154.07	.01425	.01186	.11158	33.061	.81893	21.453
Stddev	.00004	.45	.00016	.00002	.00117	.416	.00050	.035
%RSD	5.6771	.29329	1.0970	.16511	1.0478	1.2589	.06138	.16526

#1	-.00080	153.75	.01414	.01187	.11075	33.356	.81857	21.478
#2	-.00073	154.39	.01436	.01184	.11241	32.767	.81928	21.428

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01310	.00311	253.63	.00814	.22549	16.720	.00355	.23881
Stddev	.00002	.00054	.10	.00045	.00313	.103	.00052	.00464
%RSD	.12620	17.435	.03962	5.5027	1.3903	.61450	14.741	1.9440

#1	.01309	.00272	253.56	.00782	.22770	16.647	.00392	.23552
#2	.01311	.00349	253.70	.00845	.22327	16.792	.00318	.24209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.523	F 27.931	.01584	.08135	.05988	.8909	.85238	6.7408
Stddev	.038	.125	.00011	.00402	.00043	.0054	.00337	.2193
%RSD	.16681	.44778	.66917	4.9376	.71928	.6047	.39558	3.2532

#1	22.550	27.843	.01576	.07851	.05958	.8871	.85000	6.5857
#2	22.497	28.020	.01591	.08419	.06019	.8948	.85477	6.8959

Sample Name: J6032-04 Acquired: 11/27/2018 18:59:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4631
Stddev .0518
%RSD .69455

#1 7.4997
#2 7.4264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3218.9	40432.	4520.8	97.085	3304.5
Stddev	.2	91.	9.8	1.377	4.6
%RSD	.00620	.22550	.21756	1.4181	.14065

#1	3219.0	40367.	4513.9	96.112	3301.2
#2	3218.7	40496.	4527.8	98.059	3307.8

Sample Name: J6047-01 Acquired: 11/27/2018 19:03:54 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-MW-101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	-.00371	.00477	.01799	-.00263	-.06949	.41327	-.00030
Stddev	.00299	.00038	.00032	.00212	.00369	.01849	.00197	.00001
%RSD	191.91	10.347	6.7165	11.762	140.57	26.615	.47764	1.7975

#1	.00056	-.00344	.00500	.01650	-.00524	-.08256	.41467	-.00030
#2	-.00367	-.00398	.00454	.01949	-.00002	-.05641	.41188	-.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	263.98	-.00334	.00613	.00094	.08420	4.0614	30.123
Stddev	.00005	1.10	.00005	.00006	.00046	.00583	.0120	.135
%RSD	28.233	.41564	1.6009	.93376	48.669	6.9212	.29520	.44744

#1	.00020	263.21	-.00330	.00617	.00062	.08008	4.0530	30.027
#2	.00013	264.76	-.00338	.00609	.00126	.08832	4.0699	30.218

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00542	-.00059	540.47	.00140	.01505	33.504	.00456	.28983
Stddev	.00017	.00007	5.68	.00013	.00014	.013	.00026	.00248
%RSD	3.0576	11.036	1.0513	9.6189	.94313	.03956	5.6319	.85611

#1	.00553	-.00055	544.49	.00149	.01515	33.495	.00474	.28808
#2	.00530	-.00064	536.45	.00130	.01495	33.513	.00438	.29159

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 67.889	F 10.367	-.02250	-.00568	.02830	.0307	1.4230	7.8867
Stddev	.247	.005	.00023	.00204	.00031	.0002	.0078	.4196
%RSD	.36332	.05136	1.0020	35.986	1.0890	.6109	.54567	5.3206

#1	68.063	10.363	-.02234	-.00713	.02852	.0306	1.4285	7.5900
#2	67.715	10.371	-.02266	-.00424	.02809	.0308	1.4175	8.1835

Sample Name: J6047-01 Acquired: 11/27/2018 19:03:54 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-MW-101 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.65960
Stddev	.30287
%RSD	45.917

#1	.87376
#2	.44544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.2	38978.	4403.4	94.558	3109.0
Stddev	34.8	53.	12.2	.258	11.9
%RSD	1.1385	.13723	.27676	.27281	.38242

#1	3030.6	39015.	4394.8	94.376	3100.6
#2	3079.8	38940.	4412.1	94.741	3117.4

Sample Name: J6047-02 Acquired: 11/27/2018 19:08:02 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6047-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77221	1.8040	.93485	1.9734	.83959	2.0892	.58360	.20376
Stddev	.00124	.0011	.00009	.0026	.00230	.0141	.00352	.00149
%RSD	.16050	.06294	.00981	.12914	.27448	.67246	.60362	.72995
#1	.77134	1.8032	.93479	1.9716	.84122	2.0991	.58111	.20481
#2	.77309	1.8048	.93492	1.9752	.83796	2.0792	.58609	.20271
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19399	244.82	.39469	.20710	.29223	3.0317	3.9297	29.499
Stddev	.00051	3.15	.00005	.00117	.00045	.0200	.0196	.280
%RSD	.26349	1.2881	.01211	.56589	.15275	.66133	.49755	.94820
#1	.19363	242.59	.39472	.20627	.29191	3.0176	3.9435	29.301
#2	.19436	247.05	.39465	.20793	.29254	3.0459	3.9158	29.696
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49064	.06928	497.10	.30572	.21260	40.968	.42066	.55360
Stddev	.00049	.00118	3.02	.00304	.00085	.224	.00058	.01001
%RSD	.09983	1.6962	.60787	.99338	.39981	.54764	.13699	1.8073
#1	.49098	.07011	499.23	.30787	.21200	40.810	.42025	.54652
#2	.49029	.06845	494.96	.30357	.21320	41.127	.42107	.56067
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.407	F 10.498	.64899	.20263	.23769	6.443	1.5080	7.9855
Stddev	.353	.058	.00024	.00261	.00448	.013	.0097	.0821
%RSD	.57487	.55084	.03624	1.2871	1.8835	.1946	.63967	1.0283
#1	61.157	10.457	.64916	.20079	.23452	6.434	1.5012	7.9275
#2	61.657	10.539	.64883	.20448	.24086	6.452	1.5148	8.0436

Sample Name: J6047-02 Acquired: 11/27/2018 19:08:02 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6047-01MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.16620
%RSD	24.423

#1	-.56299
#2	-.79803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.1	38777.	4350.5	94.481	3132.4
Stddev	3.3	233.	17.5	.220	5.9
%RSD	.10481	.59956	.40273	.23261	.18743

#1	3103.4	38613.	4362.9	94.636	3136.5
#2	3098.8	38942.	4338.1	94.326	3128.2

Sample Name: CCV07 Acquired: 11/27/2018 19:11:58 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14232 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8339	5.0791	5.0332	5.0012	5.1860	10.423	10.005	.24858
Stddev	.0001	.0098	.0136	.0096	.0115	.029	.040	.00120
%RSD	.00228	.19196	.26998	.19144	.22143	.27752	.39520	.48114
#1	4.8339	5.0722	5.0236	5.0080	5.1779	10.402	9.9775	.24943
#2	4.8340	5.0859	5.0428	4.9944	5.1941	10.443	10.033	.24774
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5436	25.809	1.0181	2.5790	1.2711	4.9788	2.5494	23.873
Stddev	.0048	.028	.0050	.0066	.0023	.0478	.0050	.203
%RSD	.18706	.10940	.48695	.25555	.17929	.95922	.19523	.85232
#1	2.5403	25.829	1.0216	2.5743	1.2727	4.9451	2.5530	23.729
#2	2.5470	25.789	1.0146	2.5836	1.2695	5.0126	2.5459	24.017
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5079	1.1912	24.158	2.5188	2.5746	24.857	4.9868	4.7178
Stddev	.0032	.0019	.134	.0031	.0214	.036	.0085	.0112
%RSD	.12799	.16155	.55297	.12320	.83284	.14333	.17036	.23646
#1	2.5057	1.1898	24.064	2.5210	2.5594	24.832	4.9928	4.7099
#2	2.5102	1.1926	24.253	2.5166	2.5898	24.882	4.9808	4.7257
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8496	4.9811	4.8822	5.0385	4.9805	5.189	5.1012	5.3230
Stddev	.0027	.0170	.0012	.0163	.0117	.016	.0174	.0489
%RSD	.05529	.34160	.02494	.32413	.23461	.3098	.34023	.91837
#1	4.8515	4.9691	4.8813	5.0269	4.9722	5.178	5.0889	5.3576
#2	4.8477	4.9932	4.8830	5.0500	4.9888	5.201	5.1134	5.2884

Sample Name: CCV07 Acquired: 11/27/2018 19:11:58 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14232 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7883
Stddev .1447
%RSD 5.1887

#1 2.6860
#2 2.8906

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.5	42786.	4619.8	99.018	3471.6
Stddev	8.5	34.	.6	.579	1.0
%RSD	.24876	.07977	.01334	.58455	.02944

#1	3403.5	42811.	4619.3	99.427	3470.9
#2	3415.5	42762.	4620.2	98.609	3472.4

Sample Name: CCB07 Acquired: 11/27/2018 19:15:44 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14232 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00035	.00056	.00142	-.00128	-.01301	-.00063
Stddev	.00079	.00064	.00013	.00120	.00111	.00732	.00133
%RSD	107.07	186.04	23.859	84.782	87.091	56.225	212.15

#1	.00018	.00080	.00046	.00057	-.00049	-.01819	.00031
#2	.00130	-.00011	.00065	.00227	-.00207	-.00784	-.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00013	.00165	-.00016	-.00014	-.00031	.00692
Stddev	.00001	.00002	.01207	.00015	.00024	.00060	.00522
%RSD	8.9166	17.592	732.46	95.438	174.20	195.53	75.382

#1	-.00007	.00012	.01018	-.00027	-.00031	-.00073	.00323
#2	-.00007	.00015	-.00689	-.00005	.00003	.00012	.01062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.04482	.00080	-.00068	-.23403	.00028	-.00071
Stddev	.00006	.01645	.00039	.00049	.00525	.00065	.00006
%RSD	26.378	36.697	48.442	71.137	2.2443	230.13	8.4849

#1	-.00027	.03319	.00053	-.00034	-.23774	.00075	-.00067
#2	-.00019	.05645	.00107	-.00102	-.23031	-.00018	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	.00023	-.00812	F -.01580	.00207	-.00093	.00148
Stddev	.03155	.00020	.01116	.00288	.00197	.00042	.00029
%RSD	4318.9	86.306	137.34	18.234	95.243	44.818	19.454

#1	.02158	.00009	-.01601	-.01376	.00346	-.00063	.00169
#2	-.02304	.00038	-.00023	-.01783	.00068	-.00122	.00128

Sample Name: CCB07 Acquired: 11/27/2018 19:15:44 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14232 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00344	-0.0019	-0.00007	F 2.4481	F .23195
Stddev	.00053	.0012	.00004	.3922	.35464
%RSD	15.518	62.92	52.414	16.023	152.90

#1	-0.00382	-0.0028	-0.00005	2.7254	.48272
#2	-0.00306	-0.0011	-0.00010	2.1707	-.01882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.9	46105.	4780.6	108.21	4184.8
Stddev	21.6	103.	52.3	1.70	29.7
%RSD	.59356	.22366	1.0932	1.5697	.70936

#1	3653.1	46032.	4743.7	107.01	4205.8
#2	3622.6	46178.	4817.6	109.41	4163.8

Sample Name: J6047-03 Acquired: 11/27/2018 19:19:49 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6047-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77634	1.8059	.93425	1.9798	.84062	2.0795	.59025	.19875
Stddev	.01150	.0445	.02257	.0540	.02121	.0259	.01217	.00014
%RSD	1.4816	2.4649	2.4162	2.7260	2.5233	1.2457	2.0622	.06893

#1	.76821	1.7745	.91829	1.9417	.82562	2.0978	.59886	.19885
#2	.78447	1.8374	.95021	2.0180	.85562	2.0612	.58165	.19865

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19301	246.34	.38783	.20701	.29192	3.0367	3.8550	29.849
Stddev	.00452	2.75	.00042	.00468	.00660	.0755	.0004	.398
%RSD	2.3426	1.1150	.10850	2.2613	2.2597	2.4877	.00931	1.3334

#1	.18981	248.28	.38753	.20370	.28725	3.0901	3.8552	30.130
#2	.19621	244.40	.38813	.21032	.29658	2.9833	3.8547	29.567

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48961	.06830	502.29	.30057	.21453	41.177	.42116	.54868
Stddev	.01146	.00022	5.82	.00022	.00235	.644	.00997	.01741
%RSD	2.3409	.32096	1.1586	.07411	1.0973	1.5635	2.3667	3.1727

#1	.48151	.06846	506.40	.30041	.21619	41.633	.41411	.56099
#2	.49772	.06815	498.17	.30073	.21286	40.722	.42821	.53637

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.665	F 10.547	.65152	.20227	.23530	6.439	1.5241	7.6910
Stddev	1.370	.140	.01649	.00612	.00590	.149	.0305	.0619
%RSD	2.2211	1.3229	2.5317	3.0279	2.5056	2.322	2.0027	.80453

#1	60.697	10.646	.63986	.20660	.23946	6.333	1.5456	7.7347
#2	62.634	10.449	.66318	.19794	.23113	6.544	1.5025	7.6472

Sample Name: J6047-03 Acquired: 11/27/2018 19:19:49 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6047-01MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.51744
%RSD	185.87

#1	-.64427
#2	.08750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.2	39005.	4262.3	92.659	3105.8
Stddev	49.3	82.	59.3	1.399	54.9
%RSD	1.6089	.21014	1.3922	1.5101	1.7686

#1	3101.1	38948.	4220.4	91.670	3144.6
#2	3031.4	39063.	4304.3	93.649	3067.0

Sample Name: J6047-01A Acquired: 11/27/2018 19:23:46 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-MW-101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77492	1.7953	.92745	1.9660	.83472	2.0702	.57678
Stddev	.00412	.0036	.00273	.0030	.00152	.0323	.00029
%RSD	.53122	.20003	.29483	.15089	.18179	1.5576	.05035

#1	.77201	1.7978	.92552	1.9681	.83365	2.0474	.57658
#2	.77783	1.7928	.92938	1.9639	.83579	2.0930	.57699

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20089	.19215	242.38	.39030	.20534	.29080	2.9958
Stddev	.00020	.00038	1.17	.00298	.00080	.00007	.0004
%RSD	.09717	.19839	.48166	.76394	.39015	.02288	.01173

#1	.20102	.19242	241.56	.38819	.20478	.29075	2.9960
#2	.20075	.19188	243.21	.39241	.20591	.29084	2.9955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8703	29.544	.48733	.06902	494.74	.30077	.21113
Stddev	.0114	.402	.00059	.00052	5.75	.00081	.00249
%RSD	.29507	1.3604	.12100	.75319	1.1618	.26932	1.1794

#1	3.8784	29.260	.48691	.06939	498.80	.30135	.21289
#2	3.8623	29.828	.48775	.06865	490.68	.30020	.20937

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.523	.41938	.55279	F 61.196	F 10.458	.64904	.20208
Stddev	.009	.00002	.00556	.124	.064	.00160	.00564
%RSD	.02328	.00494	1.0055	.20326	.61492	.24640	2.7886

#1	40.517	.41936	.54886	61.284	10.503	.64791	.19809
#2	40.530	.41939	.55672	61.108	10.412	.65017	.20606

Sample Name: J6047-01A Acquired: 11/27/2018 19:23:46 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-MW-101 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23444	6.394	1.4938	7.7724	F<.00000
Stddev	.00291	.004	.0010	.4243	.37817
%RSD	1.2391	.0553	.06596	5.4595	35.721

#1	.23239	6.397	1.4945	8.0725	-1.3261
#2	.23650	6.392	1.4931	7.4724	-.79126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.4	39049.	4335.2	94.411	3137.8
Stddev	13.9	290.	21.2	1.529	17.8
%RSD	.44918	.74264	.48962	1.6195	.56863

#1	3087.6	38844.	4320.2	93.329	3125.2
#2	3107.3	39254.	4350.2	95.492	3150.4

Sample Name: J6047-04 Acquired: 11/27/2018 19:27:42 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-MW-102 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00109	.00509	.01748	-.00496	.04797	.21917	-.00003
Stddev	.00006	.00151	.00004	.00113	.00091	.00131	.00273	.00010
%RSD	2.5739	138.35	.86803	6.4470	18.319	2.7218	1.2454	311.69
#1	.00232	-.00215	.00506	.01668	-.00560	.04705	.21724	.00004
#2	.00224	-.00002	.00512	.01828	-.00431	.04889	.22110	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	425.33	.00006	.00808	.00256	.70580	.72527	65.790
Stddev	.00004	3.36	.00126	.00043	.00048	.00550	.00073	.902
%RSD	110.91	.79065	2266.5	5.3335	18.934	.77953	.10133	1.3715
#1	-.00001	422.96	.00095	.00778	.00222	.70191	.72475	65.152
#2	-.00006	427.71	-.00084	.00838	.00290	.70969	.72579	66.428
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00476	-.00048	259.42	.00147	.01370	23.161	.00932	.33530
Stddev	.00067	.00003	.68	.00035	.00018	.200	.00001	.00010
%RSD	14.066	7.3071	.26180	23.894	1.3064	.86309	.07969	.02970
#1	.00429	-.00045	258.94	.00172	.01357	23.020	.00932	.33537
#2	.00523	-.00050	259.90	.00122	.01382	23.302	.00933	.33523
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 278.98	7.7725	-.10215	-.00003	.02272	.0644	2.2142	6.9805
Stddev	4.56	.0143	.00054	.00237	.00156	.0001	.0141	.0766
%RSD	1.6361	.18332	.52610	7527.9	6.8758	.1470	.63507	1.0971
#1	275.75	7.7624	-.10177	.00165	.02162	.0643	2.2043	7.0346
#2	282.20	7.7825	-.10253	-.00171	.02383	.0644	2.2242	6.9263

Sample Name: J6047-04 Acquired: 11/27/2018 19:27:42 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-MW-102 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.19025
Stddev	.12769
%RSD	67.117

#1	.28053
#2	.09996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3202.1	39978.	4483.2	96.840	3292.5
Stddev	29.1	145.	2.3	.458	38.1
%RSD	.90840	.36156	.05036	.47260	1.1580

#1	3222.7	39876.	4484.8	96.516	3319.5
#2	3181.6	40080.	4481.6	97.163	3265.6

Sample Name: J6047-05 Acquired: 11/27/2018 19:31:49 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EP2-FD-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00248	.00352	.01586	-.00289	.02657	.25333	-.00007
Stddev	.00051	.00037	.00114	.00194	.00082	.00175	.00061	.00008
%RSD	45.518	15.096	32.330	12.207	28.430	6.5881	.24262	113.05

#1	.00075	-.00221	.00432	.01723	-.00348	.02781	.25290	-.00001
#2	.00147	-.00274	.00271	.01449	-.00231	.02534	.25377	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	485.47	.00143	.00930	.00195	1.4632	.80493	74.058
Stddev	.00002	3.07	.00007	.00034	.00052	.0199	.00112	.161
%RSD	27.174	.63148	5.1248	3.6711	26.881	1.3567	.13920	.21732

#1	-.00008	487.64	.00148	.00906	.00232	1.4492	.80572	73.944
#2	-.00005	483.31	.00138	.00954	.00158	1.4772	.80414	74.172

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	-.00079	298.55	.00205	.01622	26.408	.01100	.36695
Stddev	.00013	.00061	1.58	.00013	.00006	.327	.00018	.00642
%RSD	2.4998	76.565	.52929	6.4203	.39832	1.2368	1.6050	1.7496

#1	.00517	-.00036	299.67	.00196	.01617	26.639	.01113	.36241
#2	.00535	-.00122	297.44	.00215	.01626	26.177	.01088	.37149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 326.71	8.8270	-.12029	-.00220	.02432	.0341	2.5269	6.9459
Stddev	.74	.0609	.00079	.00123	.00149	.0012	.0393	.2138
%RSD	.22552	.69014	.65394	56.002	6.1265	3.576	1.5563	3.0784

#1	326.18	8.8700	-.12084	-.00308	.02538	.0350	2.5547	7.0970
#2	327.23	8.7839	-.11973	-.00133	.02327	.0333	2.4991	6.7947

Sample Name: J6047-05 Acquired: 11/27/2018 19:31:49 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EP2-FD-02 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.72442
Stddev	.00375
%RSD	.51814

#1	.72176
#2	.72707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.3	40450.	4527.8	97.086	3216.5
Stddev	17.9	218.	59.3	.259	7.3
%RSD	.56839	.53862	1.3090	.26653	.22824

#1	3132.7	40296.	4485.9	96.903	3211.3
#2	3157.9	40604.	4569.7	97.269	3221.7

Sample Name: J6051-01 Acquired: 11/27/2018 19:35:56 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06817	.00227	2.6797	.02603	.00997	181.24	2.1965	.01621
Stddev	.00143	.00102	.0094	.00844	.00062	5.79	.0509	.00050
%RSD	2.1046	44.956	.35200	32.437	6.2096	3.1927	2.3187	3.0681

#1	.06918	.00300	2.6864	.02006	.01041	177.15	2.1605	.01586
#2	.06715	.00155	2.6730	.03200	.00954	185.33	2.2325	.01656

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01143	1105.0	.55934	.11802	1.0259	324.45	10.927	211.02
Stddev	.00142	30.9	.01370	.00072	.0132	10.57	.228	4.37
%RSD	12.405	2.7950	2.4498	.60638	1.2903	3.2562	2.0868	2.0708

#1	.01243	1083.2	.54965	.11853	1.0353	316.98	10.765	207.93
#2	.01043	1126.9	.56903	.11752	1.0165	331.92	11.088	214.11

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37792	.04135	11.180	.50773	7.3071	19.649	.02690	.20747
Stddev	.00172	.00174	.213	.01286	.1822	.464	.00005	.01408
%RSD	.45540	4.2027	1.9055	2.5328	2.4937	2.3611	.17487	6.7880

#1	.37914	.04012	11.029	.49864	7.1782	19.321	.02694	.19751
#2	.37671	.04258	11.330	.51682	7.4359	19.977	.02687	.21743

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.326	3.1588	.25007	6.7323	.21027	F 114.3	2.6227	1.2715
Stddev	.168	.1258	.00087	.1511	.00427	.6	.0544	.4622
%RSD	.59230	3.9827	.34978	2.2444	2.0284	.4887	2.0751	36.349

#1	28.445	3.0699	.24945	6.6255	.20725	114.7	2.5842	.94466
#2	28.207	3.2478	.25068	6.8391	.21328	113.9	2.6611	1.5983

Sample Name: J6051-01 Acquired: 11/27/2018 19:35:56 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	42.091
Stddev	.149
%RSD	.35390

#1	41.986
#2	42.197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.8	45446.	5420.3	92.542	2804.1
Stddev	10.2	855.	67.9	2.402	11.9
%RSD	.29174	1.8818	1.2523	2.5960	.42526

#1	3505.6	46050.	5468.3	94.241	2795.7
#2	3520.1	44841.	5372.3	90.843	2812.6

Sample Name: J6051-01DUP Acquired: 11/27/2018 19:39:59 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07004	.00335	2.6457	.03148	.01217	182.75	2.2087	.01628
Stddev	.00050	.00226	.0068	.00114	.00053	.52	.0155	.00023
%RSD	.70955	67.396	.25551	3.6353	4.3955	.28462	.70108	1.3818
#1	.06968	.00175	2.6505	.03067	.01254	182.38	2.1978	.01613
#2	.07039	.00494	2.6409	.03229	.01179	183.12	2.2197	.01644
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01203	1102.9	.55497	.11394	1.0073	315.66	10.907	207.70
Stddev	.00104	7.2	.00037	.00095	.0121	8.01	.026	2.19
%RSD	8.6104	.65304	.06628	.83693	1.2064	2.5389	.24270	1.0557
#1	.01276	1097.8	.55471	.11461	1.0159	309.99	10.888	206.15
#2	.01130	1108.0	.55523	.11327	.99867	321.33	10.925	209.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36743	.04028	11.209	.50697	7.1949	19.649	.02615	.19964
Stddev	.00163	.00094	.085	.00137	.1574	.178	.00035	.01938
%RSD	.44452	2.3315	.75528	.27018	2.1881	.90684	1.3245	9.7072
#1	.36859	.03962	11.149	.50600	7.0836	19.523	.02639	.18594
#2	.36628	.04094	11.269	.50794	7.3062	19.775	.02590	.21334
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.633	3.1085	.23809	6.6770	.21068	F 115.0	2.6466	1.1696
Stddev	.103	.0184	.00205	.0884	.00007	.6	.0171	.0058
%RSD	.37262	.59219	.86052	1.3242	.03227	.5415	.64728	.49235
#1	27.706	3.0955	.23664	6.6145	.21063	115.4	2.6345	1.1736
#2	27.560	3.1215	.23954	6.7395	.21073	114.5	2.6587	1.1655

Sample Name: J6051-01DUP Acquired: 11/27/2018 19:39:59 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-01DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	44.908
Stddev	.805
%RSD	1.7931

#1	44.338
#2	45.477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.8	45053.	5372.2	93.014	2816.1
Stddev	15.9	31.	27.4	1.990	12.8
%RSD	.45215	.06958	.50996	2.1392	.45592

#1	3494.5	45075.	5391.6	94.421	2807.1
#2	3517.0	45030.	5352.8	91.607	2825.2

Sample Name: J6051-01LX5 Acquired: 11/27/2018 19:44:01 Type: Unk
Method: P4-ICP2(v2606) 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	.01811	-.00019	.54486	.01100	.00030	38.460	.50261	.00351
Stddev	.00099	.00010	.00041	.00061	.00039	.568	.00462	.00016
%RSD	5.4740	50.833	.07441	5.5498	130.33	1.4761	.91874	4.5117

#1	.01741	-.00026	.54515	.01143	.00002	38.058	.50587	.00340
#2	.01881	-.00012	.54458	.01057	.00058	38.861	.49934	.00362

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	265.28	.13362	.02275	.25795	66.242	2.6957	49.993
Stddev	.00003	.47	.00285	.00009	.00031	.716	.0544	.393
%RSD	2.7092	.17740	2.1331	.37920	.12101	1.0811	2.0171	.78623

#1	.00122	264.94	.13160	.02282	.25817	66.748	2.6572	50.270
#2	.00127	265.61	.13564	.02269	.25773	65.735	2.7341	49.715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07387	.00742	2.4813	.11865	1.5460	4.4785	.00593	.03010
Stddev	.00067	.00008	.0069	.00275	.0036	.0196	.00009	.00424
%RSD	.90714	1.0795	.27591	2.3157	.23352	.43721	1.4505	14.091

#1	.07340	.00747	2.4861	.11671	1.5485	4.4647	.00599	.03310
#2	.07435	.00736	2.4765	.12059	1.5434	4.4924	.00587	.02710

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1632	.82685	.05007	1.6059	.05044	F 23.61	.60992	3.8441
Stddev	.0015	.01250	.00049	.0061	.00062	.12	.00522	.3602
%RSD	.03005	1.5123	.97003	.37835	1.2280	.4971	.85587	9.3702

#1	5.1621	.81801	.05041	1.6016	.05000	23.70	.61361	3.5894
#2	5.1643	.83569	.04973	1.6102	.05088	23.53	.60623	4.0988

Sample Name: J6051-01LX5 Acquired: 11/27/2018 19:44:01 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.606
Stddev	.407
%RSD	2.4491

#1	16.319
#2	16.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.3	44108.	4862.4	100.24	3401.4
Stddev	24.8	745.	3.8	.41	22.4
%RSD	.71299	1.6888	.07740	.40535	.65868

#1	3457.8	44635.	4859.8	99.953	3385.6
#2	3492.9	43581.	4865.1	100.53	3417.3

Sample Name: J6051-01MS Acquired: 11/27/2018 19:47:55 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79393	1.9923	3.6780	1.8481	.16705	203.31	2.5870	.21200
Stddev	.00213	.0149	.0297	.0070	.00014	.14	.0036	.00009
%RSD	.26814	.74768	.80769	.37891	.08664	.06917	.13736	.04184
#1	.79243	2.0029	3.6990	1.8531	.16715	203.21	2.5895	.21194
#2	.79544	1.9818	3.6570	1.8432	.16695	203.41	2.5845	.21207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22187	1081.4	.84550	.32579	1.2827	341.24	11.336	177.34
Stddev	.00072	2.2	.00310	.00351	.0003	8.41	.027	.02
%RSD	.32613	.20393	.36636	1.0771	.02609	2.4635	.23551	.01396
#1	.22239	1082.9	.84769	.32827	1.2829	347.19	11.317	177.32
#2	.22136	1079.8	.84331	.32330	1.2824	335.30	11.355	177.36
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86828	.11139	15.192	.78006	6.9713	32.074	.37379	.47021
Stddev	.00647	.00182	.027	.00231	.1772	.103	.00054	.01354
%RSD	.74476	1.6357	.17937	.29552	2.5424	.32111	.14580	2.8804
#1	.87286	.11268	15.211	.78169	7.0967	32.147	.37417	.47978
#2	.86371	.11011	15.172	.77843	6.8460	32.002	.37340	.46063
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.848	2.8104	1.0283	7.0065	.42985	F 122.8	2.9459	1.2796
Stddev	.241	.0118	.0064	.0153	.00205	1.1	.0025	.1584
%RSD	.89901	.41947	.62057	.21825	.47663	.8796	.08551	12.378
#1	27.019	2.8188	1.0328	7.0173	.42840	123.5	2.9441	1.1676
#2	26.678	2.8021	1.0238	6.9957	.43130	122.0	2.9476	1.3916

Sample Name: J6051-01MS Acquired: 11/27/2018 19:47:55 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-01MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	45.768
Stddev	.280
%RSD	.61245

#1	45.570
#2	45.967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.5	45043.	5323.7	91.849	2816.6
Stddev	15.0	67.	15.1	2.418	25.4
%RSD	.42613	.14794	.28453	2.6329	.90284

#1	3515.9	44996.	5313.0	90.139	2798.6
#2	3537.2	45090.	5334.4	93.559	2834.6

Sample Name: J6051-01MSD Acquired: 11/27/2018 19:51:53 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79936	1.9946	3.6784	1.8553	.16667	203.99	2.5977	.21344
Stddev	.00605	.0113	.0386	.0179	.00032	1.70	.0111	.00269
%RSD	.75673	.56643	1.0506	.96566	.19085	.83336	.42827	1.2622
#1	.79509	2.0025	3.7058	1.8426	.16645	202.79	2.6055	.21153
#2	.80364	1.9866	3.6511	1.8680	.16690	205.20	2.5898	.21534
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22194	1078.0	.84964	.32525	1.2871	345.47	11.474	177.36
Stddev	.00092	4.5	.00598	.00129	.0030	.85	.153	.46
%RSD	.41520	.41442	.70413	.39754	.23126	.24694	1.3333	.25920
#1	.22259	1081.2	.84541	.32616	1.2892	344.86	11.366	177.68
#2	.22129	1074.9	.85387	.32433	1.2850	346.07	11.582	177.03
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86827	.11308	15.263	.78541	7.0748	32.141	.37508	.46303
Stddev	.00331	.00026	.013	.00618	.0353	.144	.00165	.00170
%RSD	.38171	.23348	.08447	.78670	.49944	.44949	.43993	.36632
#1	.87061	.11326	15.273	.78104	7.0498	32.243	.37391	.46423
#2	.86592	.11289	15.254	.78978	7.0998	32.039	.37624	.46184
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.805	2.8448	1.0277	7.0229	.43030	F 122.4	2.9498	1.8802
Stddev	.243	.0093	.0082	.0075	.00013	1.1	.0158	.5449
%RSD	.90755	.32784	.80180	.10720	.02948	.9294	.53641	28.983
#1	26.977	2.8383	1.0335	7.0282	.43039	123.3	2.9610	1.4949
#2	26.633	2.8514	1.0219	7.0176	.43021	121.6	2.9386	2.2655

Sample Name: J6051-01MSD Acquired: 11/27/2018 19:51:53 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SS-01MSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	44.886
Stddev	1.917
%RSD	4.2718

#1	46.242
#2	43.530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.0	44584.	5288.0	90.399	2816.8
Stddev	1.8	399.	16.4	.353	24.7
%RSD	.05255	.89394	.31042	.39000	.87517

#1	3507.3	44866.	5276.4	90.648	2799.4
#2	3504.7	44303.	5299.6	90.150	2834.2

Sample Name: J6051-01A Acquired: 11/27/2018 19:55:50 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7728 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79484	1.9882	3.6817	1.8552	.16543	202.34	2.5856	.21225
Stddev	.00172	.0069	.0039	.0021	.00243	.47	.0064	.00013
%RSD	.21585	.34482	.10633	.11195	1.4668	.23392	.24607	.06075
#1	.79363	1.9931	3.6790	1.8567	.16371	202.68	2.5901	.21216
#2	.79606	1.9834	3.6845	1.8537	.16714	202.01	2.5811	.21234
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22103	1072.2	.84322	.32439	1.2847	342.72	11.339	176.17
Stddev	.00000	1.9	.00211	.00014	.0022	3.17	.001	.35
%RSD	.00050	.17632	.25007	.04258	.17470	.92632	.01080	.20143
#1	.22103	1070.9	.84471	.32429	1.2831	344.96	11.340	176.42
#2	.22103	1073.6	.84173	.32448	1.2863	340.47	11.338	175.92
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86882	.11203	15.187	.78089	7.0126	32.077	.37406	.47305
Stddev	.00023	.00112	.090	.00117	.0544	.007	.00086	.00460
%RSD	.02601	.99542	.59270	.15023	.77525	.02251	.23079	.97243
#1	.86866	.11282	15.250	.78006	7.0511	32.072	.37467	.47631
#2	.86898	.11124	15.123	.78172	6.9742	32.082	.37345	.46980
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.800	2.8163	1.0239	6.9515	.43001	F 122.4	2.9213	1.6971
Stddev	.036	.0241	.0031	.0583	.00023	.0	.0090	.1590
%RSD	.13538	.85630	.30073	.83900	.05326	.0028	.30793	9.3704
#1	26.775	2.7992	1.0217	6.9928	.43017	122.4	2.9277	1.5847
#2	26.826	2.8333	1.0260	6.9103	.42985	122.4	2.9150	1.8096

Sample Name: J6051-01A Acquired: 11/27/2018 19:55:50 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7728 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 47.694
Stddev .183
%RSD .38356

#1 47.564
#2 47.823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.1	44848.	5321.9	91.179	2816.4
Stddev	5.9	104.	8.0	.721	3.6
%RSD	.16876	.23283	.14969	.79102	.12881

#1	3517.9	44774.	5316.3	90.669	2813.9
#2	3526.3	44922.	5327.6	91.689	2819.0

Sample Name: CCV08 Acquired: 11/27/2018 19:59:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14233 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8468	5.0140	4.9501	4.9483	5.1103	10.289	10.133	.24544
Stddev	.0117	.0125	.0075	.0179	.0070	.020	.015	.00000
%RSD	.24134	.24911	.15232	.36180	.13754	.19814	.14963	.00031

#1	4.8551	5.0229	4.9555	4.9610	5.1153	10.274	10.144	.24544
#2	4.8385	5.0052	4.9448	4.9357	5.1054	10.303	10.123	.24544

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4874	25.680	1.0062	2.5198	1.2591	5.0109	2.5217	23.821
Stddev	.0037	.005	.0007	.0039	.0001	.0121	.0039	.042
%RSD	.14743	.01971	.06582	.15546	.00502	.24146	.15617	.17683

#1	2.4900	25.684	1.0067	2.5226	1.2591	5.0024	2.5189	23.791
#2	2.4848	25.677	1.0057	2.5170	1.2592	5.0195	2.5245	23.851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4727	1.2022	24.538	2.5060	2.5615	25.152	4.9716	4.7221
Stddev	.0013	.0018	.008	.0038	.0052	.005	.0051	.0126
%RSD	.05063	.14532	.03402	.15060	.20309	.01965	.10282	.26767

#1	2.4736	1.2010	24.532	2.5033	2.5578	25.149	4.9752	4.7132
#2	2.4718	1.2035	24.544	2.5086	2.5651	25.156	4.9679	4.7311

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8234	4.9699	4.8373	5.0069	5.0025	5.113	5.0993	4.6159
Stddev	.0177	.0267	.0038	.0075	.0006	.001	.0055	.0383
%RSD	.36689	.53666	.07925	.14952	.01128	.0164	.10872	.82992

#1	4.8359	4.9510	4.8346	5.0017	5.0029	5.113	5.1032	4.5888
#2	4.8109	4.9888	4.8400	5.0122	5.0021	5.112	5.0954	4.6429

Sample Name: CCV08 Acquired: 11/27/2018 19:59:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14233 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5004
Stddev .3809
%RSD 15.233

#1 2.7698
#2 2.2311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.0	43675.	4676.0	99.997	3546.9
Stddev	6.3	7.	5.6	.147	5.7
%RSD	.18270	.01562	.11995	.14679	.16022

#1	3469.5	43670.	4679.9	100.10	3542.9
#2	3478.5	43680.	4672.0	99.893	3550.9

Sample Name: CCB08 Acquired: 11/27/2018 20:03:34 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14233 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00127	.00075	.00231	-.00211	-.00838	-.00234
Stddev	.00161	.00001	.00148	.00150	.00044	.00961	.00100
%RSD	273.68	1.1606	197.23	64.833	20.914	114.59	42.557

#1	-.00055	.00128	-.00030	.00338	-.00242	-.01518	-.00304
#2	.00173	.00126	.00179	.00125	-.00180	-.00159	-.00164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00016	.00104	-.00007	-.00022	.00038	.00874
Stddev	.00003	.00002	.00689	.00003	.00015	.00022	.00370
%RSD	143.11	12.338	661.02	36.813	69.321	57.396	42.371

#1	-.00004	.00018	.00591	-.00009	-.00033	.00023	.00612
#2	.00000	.00015	-.00383	-.00005	-.00011	.00054	.01136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00208	.00078	-.00077	-.27200	.00033	-.00065
Stddev	.00004	.00029	.00028	.00001	.00378	.00006	.00002
%RSD	18.003	13.801	35.538	1.5554	1.3902	19.952	2.7510

#1	-.00026	.00228	.00059	-.00078	-.27468	.00037	-.00064
#2	-.00020	.00187	.00098	-.00076	-.26933	.00028	-.00066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	.00049	-.01543	F -.01040	.00019	.00001	-.00042
Stddev	.03696	.00012	.00613	.00064	.00083	.00039	.00116
%RSD	1609.4	24.865	39.716	6.1857	429.59	3660.1	279.92

#1	.02384	.00058	-.01109	-.01086	-.00039	-.00026	-.00124
#2	-.02843	.00040	-.01976	-.00995	.00078	.00029	.00041

Sample Name: CCB08 Acquired: 11/27/2018 20:03:34 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14233 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00397	-0.0015	-0.00004	F 1.6550	F .04381
Stddev	.00159	.0007	.00004	.1137	.36069
%RSD	40.009	44.96	99.614	6.8708	823.35

#1	-0.00285	-0.0020	-0.00006	1.7354	.29886
#2	-0.00510	-0.0010	-0.00001	1.5746	-.21124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.2	46567.	4803.4	109.62	4211.0
Stddev	2.4	48.	14.4	.36	4.9
%RSD	.06559	.10314	.30057	.33132	.11677

#1	3685.0	46601.	4813.6	109.88	4214.4
#2	3681.5	46533.	4793.2	109.36	4207.5

Sample Name: J6051-02 Acquired: 11/27/2018 20:07:39 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07225	.01048	2.6658	.04259	.01109	143.01	1.6740	.00835
Stddev	.00184	.00055	.0057	.00063	.00163	1.10	.0101	.00005
%RSD	2.5526	5.2706	.21542	1.4725	14.681	.76847	.60559	.55477
#1	.07356	.01087	2.6699	.04303	.01225	143.79	1.6811	.00838
#2	.07095	.01009	2.6617	.04215	.00994	142.24	1.6668	.00831
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	77.120	.34170	.14902	.60486	331.20	4.5422	55.073
Stddev	.00055	.048	.00042	.00013	.00096	3.25	.0130	.124
%RSD	85.040	.06235	.12380	.08654	.15820	.98126	.28702	.22493
#1	-.00026	77.086	.34140	.14911	.60554	328.90	4.5514	55.160
#2	-.00103	77.154	.34200	.14893	.60418	333.50	4.5330	54.985
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37915	.04015	1.1460	.50707	3.6611	40.131	.01448	.09203
Stddev	.00158	.00085	.0108	.00012	.0639	.123	.00009	.00240
%RSD	.41778	2.1196	.93901	.02354	1.7445	.30567	.60801	2.6117
#1	.38027	.03955	1.1536	.50698	3.6159	40.218	.01442	.09373
#2	.37803	.04075	1.1384	.50715	3.7062	40.045	.01454	.09033
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.150	1.7339	.13312	8.8684	.20584	F 10.10	-.02225	<.00000
Stddev	.030	.0400	.00065	.0454	.00083	.03	.00599	.18879
%RSD	.26758	2.3055	.49104	.51222	.40365	.2834	26.925	8.9340
#1	11.171	1.7056	.13359	8.9005	.20643	10.12	-.01802	-1.9797
#2	11.129	1.7621	.13266	8.8362	.20525	10.08	-.02649	-2.2467

Sample Name: J6051-02 Acquired: 11/27/2018 20:07:39 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	58.543
Stddev	.134
%RSD	.22826

#1	58.449
#2	58.638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.9	48854.	5399.3	100.55	3401.1
Stddev	8.5	263.	10.9	1.62	22.0
%RSD	.22319	.53741	.20197	1.6080	.64635

#1	3810.8	48668.	5407.0	101.69	3385.5
#2	3822.9	49040.	5391.6	99.402	3416.6

Sample Name: J6060-01 Acquired: 11/27/2018 20:11:43 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180942-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05719	.00601	.40780	.02889	.00038	155.97	1.7604	.01303
Stddev	.00062	.00065	.00073	.00481	.00110	1.56	.0246	.00009
%RSD	1.0866	10.738	.17850	16.666	285.47	.99873	1.3956	.69565
#1	.05763	.00555	.40728	.03229	.00116	157.07	1.7777	.01297
#2	.05675	.00646	.40831	.02548	-.00039	154.87	1.7430	.01310
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	17.912	.30466	.12744	.33763	214.23	2.5869	33.160
Stddev	.00029	.201	.00080	.00025	.00161	2.13	.0085	.423
%RSD	9.8117	1.1249	.26347	.19478	.47673	.99296	.32873	1.2765
#1	-.00319	18.055	.30410	.12727	.33649	215.74	2.5929	33.459
#2	-.00277	17.770	.30523	.12762	.33877	212.73	2.5809	32.861
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23234	.02634	.79249	.37750	1.2148	11.073	.00721	.06583
Stddev	.00031	.00004	.01909	.00005	.0083	.115	.00032	.01202
%RSD	.13228	.15093	2.4085	.01330	.68085	1.0390	4.3998	18.261
#1	.23256	.02636	.80599	.37754	1.2206	11.154	.00744	.05733
#2	.23213	.02631	.77899	.37746	1.2089	10.991	.00699	.07433
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.948	3.6036	.01759	1.6089	.23900	5.633	-.07485	<.00000
Stddev	.009	.0209	.00038	.0152	.00377	.010	.00119	.29867
%RSD	.06146	.57872	2.1472	.94383	1.5763	.1727	1.5941	5.8184
#1	13.954	3.6183	.01733	1.6196	.24166	5.626	-.07569	-4.9219
#2	13.942	3.5888	.01786	1.5981	.23634	5.640	-.07401	-5.3443

Sample Name: J6060-01 Acquired: 11/27/2018 20:11:43 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180942-COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	47.636
Stddev	.221
%RSD	.46446

#1	47.792
#2	47.479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4342.0	55384.	6028.6	103.91	3586.3
Stddev	10.5	226.	36.4	.93	6.7
%RSD	.24279	.40736	.60369	.89022	.18546

#1	4334.6	55225.	6002.9	103.26	3581.6
#2	4349.5	55544.	6054.3	104.57	3591.0

Sample Name: J6060-02 Acquired: 11/27/2018 20:15:41 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180943-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05756	.00522	.39397	.02934	.00215	158.69	1.6259	.01208
Stddev	.00198	.00172	.00401	.00243	.00143	.15	.0052	.00002
%RSD	3.4322	32.898	1.0172	8.2681	66.492	.09721	.31784	.18372
#1	.05616	.00401	.39114	.03106	.00316	158.58	1.6295	.01210
#2	.05895	.00644	.39681	.02762	.00114	158.80	1.6222	.01207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	17.813	.31809	.17460	.28723	232.22	2.3622	36.992
Stddev	.00026	.006	.00212	.00036	.00448	2.27	.0008	.184
%RSD	6.3343	.03460	.66693	.20635	1.5587	.97724	.03189	.49706
#1	-.00421	17.818	.31959	.17435	.28406	233.83	2.3627	37.122
#2	-.00385	17.809	.31659	.17486	.29039	230.62	2.3616	36.861
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27421	.02909	.92943	.40275	1.3008	13.405	.00743	.08494
Stddev	.00168	.00060	.00292	.00172	.0072	.002	.00031	.00357
%RSD	.61222	2.0580	.31444	.42767	.55528	.01140	4.1996	4.2026
#1	.27302	.02951	.93149	.40396	1.3059	13.406	.00721	.08746
#2	.27540	.02867	.92736	.40153	1.2957	13.404	.00765	.08241
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.825	3.6552	.01821	2.0371	.25952	6.785	-.10661	<.00000
Stddev	.021	.0501	.00084	.0218	.00220	.024	.00138	.37869
%RSD	.17346	1.3708	4.5864	1.0723	.84629	.3541	1.2967	9.3017
#1	11.810	3.6906	.01880	2.0525	.26107	6.768	-.10759	-4.3389
#2	11.839	3.6197	.01762	2.0217	.25796	6.802	-.10563	-3.8034

Sample Name: J6060-02 Acquired: 11/27/2018 20:15:41 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180943-COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	51.138
Stddev	.460
%RSD	.90002

#1	51.464
#2	50.813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4249.8	53843.	5841.3	103.21	3585.6
Stddev	2.3	41.	2.9	.76	1.2
%RSD	.05499	.07689	.05024	.74043	.03389

#1	4251.4	53872.	5843.3	102.67	3584.8
#2	4248.1	53814.	5839.2	103.75	3586.5

Sample Name: J6060-03 Acquired: 11/27/2018 20:19:39 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180944-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05187	.00552	.41037	.03070	.00323	154.94	1.5011	.01322
Stddev	.00177	.00087	.00043	.00152	.00002	.40	.0056	.00007
%RSD	3.4091	15.765	.10453	4.9442	.76367	.25960	.37082	.54833
#1	.05312	.00490	.41006	.03177	.00321	155.23	1.5050	.01327
#2	.05062	.00613	.41067	.02962	.00325	154.66	1.4972	.01317
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00454	15.328	.30788	.16743	.29186	245.34	3.2217	34.141
Stddev	.00009	.015	.00082	.00003	.00062	2.29	.0061	.246
%RSD	1.9364	.09801	.26560	.01699	.21225	.93409	.18934	.72155
#1	-.00460	15.339	.30730	.16741	.29142	246.96	3.2260	34.315
#2	-.00448	15.317	.30846	.16745	.29230	243.72	3.2174	33.967
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29816	.03093	.79658	.37926	1.3343	12.632	.00607	.07386
Stddev	.00200	.00018	.00655	.00086	.0152	.063	.00017	.00692
%RSD	.66972	.56985	.82224	.22741	1.1384	.49834	2.8780	9.3744
#1	.29958	.03105	.79195	.37865	1.3451	12.677	.00595	.07876
#2	.29675	.03080	.80121	.37987	1.3236	12.588	.00620	.06896
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3722	3.3675	.02190	1.6169	.24551	6.989	-.11376	<.00000
Stddev	.0211	.0261	.00123	.0000	.00037	.014	.00223	.13147
%RSD	.28572	.77403	5.6272	.00040	.15258	.1960	1.9566	3.2334
#1	7.3871	3.3859	.02277	1.6169	.24525	6.998	-.11534	-3.9730
#2	7.3573	3.3491	.02103	1.6169	.24578	6.979	-.11219	-4.1589

Sample Name: J6060-03 Acquired: 11/27/2018 20:19:39 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180944-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	55.224
Stddev	.229
%RSD	.41464

#1	55.062
#2	55.386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4283.3	54091.	5884.0	104.12	3584.6
Stddev	7.7	228.	27.7	1.16	9.0
%RSD	.17913	.42132	.47009	1.1159	.25115

#1	4277.8	53930.	5864.4	103.30	3578.3
#2	4288.7	54253.	5903.5	104.94	3591.0

Sample Name: J6060-04 Acquired: 11/27/2018 20:23:36 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180945-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04357	.00557	.47828	.03282	.00179	149.36	1.6337	.01199
Stddev	.00003	.00065	.00238	.00243	.00034	.09	.0186	.00002
%RSD	.07150	11.750	.49789	7.3993	18.713	.05900	1.1362	.17328
#1	.04359	.00603	.47659	.03454	.00156	149.29	1.6205	.01200
#2	.04355	.00511	.47996	.03110	.00203	149.42	1.6468	.01197
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	23.023	.31319	.12215	.24744	229.79	2.8298	35.480
Stddev	.00016	.251	.00073	.00014	.00243	.97	.0058	.421
%RSD	3.7458	1.0903	.23293	.11468	.98191	.42311	.20376	1.1861
#1	-.00421	22.845	.31268	.12225	.24915	229.10	2.8339	35.183
#2	-.00444	23.200	.31371	.12205	.24572	230.48	2.8258	35.778
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21697	.02576	1.6486	.38453	1.2380	10.226	.00679	.07460
Stddev	.00103	.00014	.0182	.00006	.0001	.135	.00037	.00670
%RSD	.47497	.55835	1.1044	.01495	.01087	1.3183	5.4994	8.9847
#1	.21770	.02586	1.6357	.38457	1.2381	10.131	.00652	.07934
#2	.21624	.02566	1.6614	.38449	1.2379	10.322	.00705	.06986
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8833	3.3251	.02252	1.6144	.24125	7.805	-.06052	<.00000
Stddev	.0095	.0144	.00057	.0244	.00282	.004	.00063	.56465
%RSD	.09640	.43299	2.5158	1.5097	1.1700	.0497	1.0478	9.8256
#1	9.8900	3.3150	.02212	1.5971	.23925	7.808	-.06097	-5.3475
#2	9.8765	3.3353	.02292	1.6316	.24324	7.802	-.06007	-6.1460

Sample Name: J6060-04 Acquired: 11/27/2018 20:23:36 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180945-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	53.442
Stddev	.696
%RSD	1.3021

#1	52.950
#2	53.934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4359.6	55462.	5977.0	101.92	3560.2
Stddev	9.2	228.	32.3	.13	1.4
%RSD	.21164	.41131	.54010	.12618	.03828

#1	4353.1	55301.	5999.8	101.83	3559.3
#2	4366.1	55624.	5954.2	102.01	3561.2

Sample Name: J6060-05 Acquired: 11/27/2018 20:27:33 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180946-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06765	.00613	.43499	.03265	.00352	151.60	1.2952	.01184
Stddev	.00225	.00100	.00021	.00026	.00122	1.75	.0011	.00012
%RSD	3.3239	16.317	.04729	.80944	34.709	1.1546	.08658	1.0366
#1	.06924	.00543	.43514	.03246	.00265	152.84	1.2960	.01193
#2	.06606	.00684	.43485	.03283	.00438	150.37	1.2944	.01176
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00616	13.668	.30079	.13307	.39112	260.34	3.3851	33.540
Stddev	.00001	.020	.00556	.00023	.00171	.09	.0638	.044
%RSD	.16975	.14943	1.8500	.17094	.43826	.03566	1.8854	.13007
#1	-.00617	13.654	.30473	.13323	.38991	260.41	3.4303	33.571
#2	-.00615	13.683	.29686	.13291	.39233	260.28	3.3400	33.509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21199	.03378	.74067	.40739	1.1120	11.752	.00660	.07925
Stddev	.00039	.00018	.01449	.00487	.0044	.030	.00025	.01016
%RSD	.18493	.52167	1.9570	1.1955	.39873	.25895	3.8490	12.817
#1	.21171	.03365	.73042	.41083	1.1152	11.774	.00642	.08643
#2	.21227	.03390	.75091	.40394	1.1089	11.731	.00678	.07207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8974	3.3757	.01755	1.6779	.23682	7.472	-.15482	<.00000
Stddev	.0025	.0043	.00041	.0034	.00143	.002	.00016	.64532
%RSD	.03176	.12613	2.3140	.20486	.60429	.0295	.10576	18.859
#1	7.8991	3.3727	.01784	1.6755	.23581	7.470	-.15471	-2.9656
#2	7.8956	3.3787	.01727	1.6804	.23784	7.474	-.15494	-3.8782

Sample Name: J6060-05 Acquired: 11/27/2018 20:27:33 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180946-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	59.642
Stddev	.210
%RSD	.35146

#1	59.493
#2	59.790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4170.6	52653.	5709.8	102.19	3581.7
Stddev	3.5	838.	23.6	.44	11.9
%RSD	.08299	1.5912	.41313	.43444	.33257

#1	4168.1	52061.	5693.1	101.87	3573.2
#2	4173.0	53246.	5726.4	102.50	3590.1

Sample Name: J6060-06 Acquired: 11/27/2018 20:31:30 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180947-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08262	.00951	1.0234	.04386	.00684	186.45	1.6208	.01497
Stddev	.00028	.00034	.0054	.00348	.00221	.49	.0012	.00010
%RSD	.34247	3.5755	.52483	7.9280	32.223	.26098	.07559	.67631

#1	.08242	.00975	1.0272	.04140	.00840	186.10	1.6217	.01504
#2	.08282	.00927	1.0196	.04631	.00528	186.79	1.6200	.01490

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	18.675	.42231	.15420	.23629	323.45	4.2956	50.522
Stddev	.00043	.012	.00094	.00120	.00583	3.17	.0022	.233
%RSD	10.691	.06319	.22265	.77891	2.4665	.98048	.05024	.46085

#1	-.00369	18.667	.42298	.15505	.24042	321.20	4.2971	50.687
#2	-.00430	18.683	.42165	.15335	.23217	325.69	4.2940	50.357

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28016	.03996	2.3496	.52020	2.0174	22.887	.00794	.11242
Stddev	.00157	.00025	.0019	.00132	.0076	.016	.00008	.00636
%RSD	.56052	.63805	.08168	.25305	.37791	.07132	1.0288	5.6531

#1	.28128	.03978	2.3482	.51927	2.0120	22.899	.00789	.10793
#2	.27905	.04014	2.3509	.52113	2.0228	22.875	.00800	.11692

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9661	4.0963	.04675	3.2811	.34429	9.712	-.15204	<.00000
Stddev	.0529	.0057	.00005	.0071	.00044	.046	.00372	.09135
%RSD	.59008	.14000	.10211	.21699	.12870	.4697	2.4450	2.0710

#1	9.0035	4.0923	.04678	3.2761	.34461	9.745	-.14941	-4.3463
#2	8.9287	4.1004	.04672	3.2862	.34398	9.680	-.15467	-4.4755

Sample Name: J6060-06 Acquired: 11/27/2018 20:31:30 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180947-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	64.607
Stddev	1.187
%RSD	1.8364

#1	63.768
#2	65.446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4172.6	52732.	5720.9	101.86	3483.7
Stddev	13.1	64.	20.0	.57	3.8
%RSD	.31407	.12174	.34971	.56367	.10961

#1	4163.3	52686.	5706.7	102.27	3481.0
#2	4181.8	52777.	5735.0	101.46	3486.4

Sample Name: J6062-02 Acquired: 11/27/2018 20:35:32 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-20(1-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06315	.00524	2.2148	.03029	.00442	42.767	1.4374	.00387
Stddev	.00070	.00016	.0011	.00390	.00016	.071	.0014	.00012
%RSD	1.1119	3.0268	.04779	12.872	3.7367	.16516	.09722	3.1411

#1	.06365	.00535	2.2140	.02753	.00430	42.817	1.4364	.00396
#2	.06265	.00513	2.2155	.03305	.00453	42.717	1.4383	.00379

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00284	160.35	.07382	.05511	1.4022	211.47	3.7498	80.777
Stddev	.00005	.56	.00057	.00034	.0001	.32	.0207	.343
%RSD	1.9275	.35170	.77124	.61136	.00382	.15313	.55288	.42442

#1	-.00288	159.96	.07422	.05488	1.4023	211.24	3.7644	80.535
#2	-.00280	160.75	.07342	.05535	1.4022	211.70	3.7351	81.020

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15801	.02267	3.2443	.26530	2.6111	6.1552	.01265	.06732
Stddev	.00073	.00044	.0128	.00131	.0050	.0039	.00018	.00353
%RSD	.46046	1.9214	.39534	.49531	.19328	.06393	1.4132	5.2441

#1	.15750	.02236	3.2353	.26623	2.6147	6.1524	.01277	.06482
#2	.15852	.02298	3.2534	.26437	2.6076	6.1580	.01252	.06982

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1318	1.6699	.35132	1.7425	.06087	5.140	.03927	<.00000
Stddev	.0090	.0325	.00043	.0050	.00063	.002	.00076	.21525
%RSD	.12644	1.9446	.12301	.29000	1.0286	.0327	1.9371	16.385

#1	7.1254	1.6928	.35101	1.7389	.06131	5.138	.03874	-1.1615
#2	7.1382	1.6469	.35163	1.7461	.06043	5.141	.03981	-1.4659

Sample Name: J6062-02 Acquired: 11/27/2018 20:35:32 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-20(1-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 50.042
 Stddev .273
 %RSD .54530

#1 50.235
 #2 49.849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.7	50067.	5397.4	99.089	3440.3
Stddev	5.3	332.	1.2	.175	2.0
%RSD	.13650	.66213	.02148	.17628	.05756

#1	3867.4	49832.	5396.6	98.965	3441.7
#2	3859.9	50301.	5398.2	99.212	3438.9

Sample Name: J6064-01 Acquired: 11/27/2018 20:39:25 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32760	-.03550	38.079	.08210	.13661	75.092	.72003
Stddev	.00627	.01137	.022	.02696	.00164	.159	.00384
%RSD	1.9153	32.029	.05724	32.841	1.2020	.21216	.53326

#1	.33204	-.04354	38.094	.06303	.13544	74.979	.71731
#2	.32317	-.02746	38.064	.10117	.13777	75.205	.72274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04192	.37248	39.276	.65083	.46268	.92005	F 3857.1
Stddev	.00023	.01339	.076	.00052	.00127	.07113	77.5
%RSD	.53872	3.5942	.19341	.07964	.27381	7.7307	2.0088

#1	.04176	.38194	39.330	.65046	.46179	.97034	3802.3
#2	.04208	.36301	39.223	.65119	.46358	.86976	3911.9

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.420	13.906	2.8671	.35096	1.1901	.21203	6.8517
Stddev	.050	.021	.0003	.00922	.0022	.00142	.1466
%RSD	.34336	.14774	.00935	2.6266	.18673	.66974	2.1390

#1	14.455	13.921	2.8673	.34444	1.1885	.21102	6.7481
#2	14.385	13.892	2.8669	.35748	1.1916	.21303	6.9554

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2887	.21255	-.92696	F 15.925	1.8574	.93478	1.0691
Stddev	.0218	.00023	.15458	.044	.0307	.00554	.0063
%RSD	.66329	.10642	16.676	.27901	1.6505	.59254	.59255

#1	3.3041	.21239	-1.0363	15.893	1.8357	.93086	1.0736
#2	3.2733	.21271	-.81766	15.956	1.8791	.93870	1.0646

Sample Name: J6064-01 Acquired: 11/27/2018 20:39:25 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05806	8.617	F -4.0177	<.00000	^ *****
Stddev	.00074	.006	.0842	.18715	-----
%RSD	1.2729	.0733	2.0957	.75907	-----

#1	.05753	8.612	-3.9582	-24.787	^ -----
#2	.05858	8.621	-4.0772	-24.523	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.4	43240.	5056.3	90.298	1582.4
Stddev	16.2	72.	22.8	1.826	4.1
%RSD	.48970	.16677	.45022	2.0222	.25874

#1	3288.0	43291.	5072.4	91.589	1579.5
#2	3310.8	43189.	5040.3	89.006	1585.3

Sample Name: J6065-01 Acquired: 11/27/2018 20:43:25 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: USTS-1-2-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02425	.00253	.13757	.00957	.00218	22.803	.23558	.00207
Stddev	.00143	.00027	.00055	.00145	.00009	.025	.00081	.00006
%RSD	5.9179	10.655	.39873	15.154	4.3317	.11106	.34378	2.9776

#1	.02323	.00272	.13718	.00855	.00224	22.821	.23616	.00211
#2	.02526	.00233	.13795	.01060	.00211	22.785	.23501	.00203

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	10.034	.08903	.03271	.04615	86.768	1.4270	9.6988
Stddev	.00016	.011	.00036	.00037	.00161	2.281	.0027	.0912
%RSD	5.6699	.11036	.40871	1.1393	3.4878	2.6291	.18571	.94022

#1	-.00302	10.042	.08877	.03245	.04501	88.381	1.4251	9.7633
#2	-.00278	10.026	.08928	.03298	.04729	85.155	1.4289	9.6343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04248	.00860	.97668	.08042	.26019	3.4984	.00231	-.00140
Stddev	.00031	.00001	.01541	.00055	.00604	.0461	.00027	.00370
%RSD	.72365	.10975	1.5775	.68469	2.3207	1.3183	11.736	263.67

#1	.04226	.00860	.98757	.08081	.26446	3.5310	.00250	.00121
#2	.04270	.00859	.96578	.08003	.25592	3.4658	.00212	-.00402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93376	1.9546	.01003	.79877	.03092	1.735	-.03550	.94076
Stddev	.00190	.0083	.00070	.01301	.00067	.005	.00176	.07953
%RSD	.20397	.42253	6.9388	1.6283	2.1571	.2667	4.9591	8.4533

#1	.93241	1.9488	.00954	.80796	.03139	1.732	-.03674	.88453
#2	.93511	1.9605	.01052	.78957	.03044	1.739	-.03425	.99699

Sample Name: J6065-01 Acquired: 11/27/2018 20:43:25 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: USTS-1-2-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 27.588
Stddev .858
%RSD 3.1117

#1 26.981
#2 28.195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.2	47024.	4843.8	105.80	3902.5
Stddev	15.4	97.	18.7	2.94	8.5
%RSD	.41191	.20648	.38613	2.7808	.21895

#1	3737.3	46955.	4830.6	103.72	3896.5
#2	3759.1	47093.	4857.1	107.88	3908.6

Sample Name: CCV09 Acquired: 11/27/2018 20:47:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9357	5.0000	4.9317	4.9505	5.0472	10.153	10.280	.24799
Stddev	.0037	.0055	.0029	.0012	.0093	.049	.109	.00087
%RSD	.07577	.10905	.05951	.02353	.18503	.47875	1.0589	.34899
#1	4.9383	5.0038	4.9296	4.9496	5.0538	10.119	10.357	.24860
#2	4.9330	4.9961	4.9338	4.9513	5.0406	10.188	10.203	.24738
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4708	25.704	1.0195	2.4843	1.2633	5.0608	2.5448	24.440
Stddev	.0007	.082	.0028	.0001	.0011	.0802	.0002	.019
%RSD	.03014	.31958	.27784	.00433	.08439	1.5841	.00680	.07883
#1	2.4703	25.646	1.0175	2.4843	1.2641	5.0041	2.5449	24.454
#2	2.4714	25.762	1.0215	2.4844	1.2626	5.1175	2.5447	24.426
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4808	1.2399	25.018	2.5522	2.5700	25.763	5.0368	4.8018
Stddev	.0018	.0036	.241	.0006	.0013	.315	.0015	.0189
%RSD	.07283	.28643	.96350	.02291	.05203	1.2224	.02917	.39268
#1	2.4821	1.2374	25.189	2.5526	2.5709	25.986	5.0378	4.7884
#2	2.4796	1.2424	24.848	2.5518	2.5690	25.541	5.0357	4.8151
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8417	5.0752	4.8915	5.0382	5.0116	5.107	5.1039	F 3.6844
Stddev	.0048	.0446	.0045	.0148	.0574	.001	.0492	.3709
%RSD	.09823	.87940	.09272	.29423	1.1458	.0212	.96452	10.067
#1	4.8451	5.1067	4.8947	5.0277	5.0522	5.106	5.1387	3.9467
#2	4.8384	5.0436	4.8883	5.0487	4.9710	5.108	5.0691	3.4221

Sample Name: CCV09 Acquired: 11/27/2018 20:47:24 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7790
 Stddev .5614
 %RSD 20.201

#1 3.1760
 #2 2.3821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.5	44073.	4643.2	100.30	3571.3
Stddev	1.8	224.	44.3	.02	.3
%RSD	.05129	.50725	.95452	.01530	.00726

#1	3489.3	43914.	4611.9	100.31	3571.2
#2	3491.8	44231.	4674.6	100.29	3571.5

Sample Name: CCB09 Acquired: 11/27/2018 20:51:09 Type: Unk
Method: P4-ICP2(v2606) 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	.00042	.00096	.00102	-.00141	.00020	.00656	-.00122
Stddev	.00204	.00050	.00030	.00148	.00036	.00808	.00004
%RSD	482.22	52.761	29.452	105.26	182.82	123.21	3.1878

#1	.00187	.00131	.00081	-.00246	.00045	.01227	-.00124
#2	-.00102	.00060	.00123	-.00036	-.00006	.00084	-.00119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00014	.00705	-.00008	-.00022	-.00030	.00485
Stddev	.00003	.00000	.01984	.00001	.00006	.00039	.00495
%RSD	43.934	3.0622	281.60	8.0440	27.353	132.76	102.09

#1	-.00005	.00015	.02108	-.00008	-.00026	-.00002	.00135
#2	-.00009	.00014	-.00698	-.00008	-.00017	-.00057	.00835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00352	.00090	-.00032	-.35466	-.00001	-.00062
Stddev	.00008	.01954	.00005	.00017	.00071	.00006	.00002
%RSD	43.276	554.35	5.2346	51.545	.20063	708.73	3.9717

#1	-.00012	.01734	.00093	-.00044	-.35416	-.00005	-.00060
#2	-.00023	-.01029	.00086	-.00021	-.35517	.00004	-.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01820	.00054	-.00895	F -.01696	.00279	-.00082	.00134
Stddev	.00278	.00019	.00099	.00106	.00022	.00037	.00164
%RSD	15.266	34.882	11.069	6.2222	7.7452	45.445	122.02

#1	-.01624	.00068	-.00966	-.01770	.00264	-.00056	.00250
#2	-.02017	.00041	-.00825	-.01621	.00294	-.00108	.00018

Sample Name: CCB09 Acquired: 11/27/2018 20:51:09 Type: Unk
 Method: P4-ICP2(v2606) 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	-.00350	-.0008	.00002	F .98919	F .34346
Stddev	.00111	.0003	.00009	.28310	.22294
%RSD	31.762	41.53	353.01	28.620	64.909

#1	-.00271	-.0006	-.00004	1.1894	.50110
#2	-.00429	-.0010	.00008	.78901	.18582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.8	46926.	4755.1	109.61	4245.7
Stddev	16.9	144.	64.7	1.31	5.6
%RSD	.45772	.30591	1.3596	1.1949	.13106

#1	3714.8	46824.	4800.9	110.54	4241.8
#2	3690.8	47027.	4709.4	108.68	4249.6

Sample Name: J5999-01 Acquired: 11/27/2018 20:55:15 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-1114-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	.00224	-.00226	.01340	.00261	-.00008	.40090	.17152	-.00003
Stddev	.00024	.00045	.00047	.00090	.00028	.08514	.00336	.00011
%RSD	10.705	20.092	3.5016	34.423	361.10	21.236	1.9594	323.34

#1	.00207	-.00259	.01307	.00198	.00012	.46110	.16914	.00004
#2	.00241	-.00194	.01374	.00325	-.00027	.34070	.17389	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	2.6241	.00131	.00044	.01914	.40888	.04536	1.0402
Stddev	.00004	.0134	.00024	.00008	.00006	.00821	.00017	.0072
%RSD	41.826	.51204	18.362	18.344	.32284	2.0077	.36737	.69198

#1	.00012	2.6146	.00114	.00039	.01918	.41468	.04548	1.0351
#2	.00007	2.6336	.00148	.00050	.01909	.40307	.04524	1.0452

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	-.00027	295.99	.00082	.10421	.61484	.00048	.03121
Stddev	.00007	.00040	.87	.00025	.00270	.05101	.00020	.00881
%RSD	1.1120	147.75	.29483	30.114	2.5917	8.2969	41.000	28.218

#1	.00582	.00001	296.61	.00100	.10230	.57877	.00062	.03744
#2	.00592	-.00056	295.37	.00065	.10612	.65091	.00034	.02498

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80355	.84493	.00087	.00715	.00491	.0210	.05335	3.6443
Stddev	.00434	.00044	.00071	.00132	.00203	.0007	.00057	.0853
%RSD	.54006	.05253	81.866	18.435	41.341	3.178	1.0600	2.3407

#1	.80048	.84461	.00037	.00809	.00348	.0205	.05295	3.5840
#2	.80662	.84524	.00138	.00622	.00635	.0215	.05375	3.7046

Sample Name: J5999-01 Acquired: 11/27/2018 20:55:15 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-1114-S- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.48202
Stddev	.28496
%RSD	59.118

#1	.68351
#2	.28052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.5	43495.	4644.9	103.16	3608.9
Stddev	.6	109.	17.9	1.81	5.9
%RSD	.01613	.25137	.38508	1.7511	.16317

#1	3434.2	43418.	4657.5	104.43	3613.1
#2	3434.9	43572.	4632.2	101.88	3604.7

Sample Name: J5999-02 Acquired: 11/27/2018 20:59:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-1114-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	-.00073	-.00240	.01622	.00153	.00008	.44017	.19958	.00008
Stddev	.00015	.00022	.00078	.00203	.00044	.02785	.00566	.00002
%RSD	21.187	9.1527	4.8025	133.25	531.16	6.3269	2.8348	27.376

#1	-.00084	-.00256	.01677	.00009	-.00023	.45986	.20358	.00006
#2	-.00062	-.00225	.01567	.00296	.00039	.42048	.19558	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	2.9903	.00124	.00047	.01747	.35179	.03610	1.2646
Stddev	.00011	.0602	.00016	.00002	.00014	.00977	.00025	.0047
%RSD	229.76	2.0143	12.728	5.1916	.79547	2.7760	.69114	.37275

#1	.00003	3.0329	.00113	.00046	.01757	.35869	.03592	1.2613
#2	-.00012	2.9477	.00135	.00049	.01737	.34488	.03628	1.2679

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	-.00072	281.22	.00127	.13400	.75204	.00034	.03452
Stddev	.00092	.00029	2.89	.00021	.00077	.03021	.00003	.00392
%RSD	28.919	39.402	1.0270	16.327	.57364	4.0169	8.6180	11.350

#1	.00383	-.00093	283.26	.00112	.13345	.73068	.00037	.03729
#2	.00253	-.00052	279.17	.00141	.13454	.77340	.00032	.03175

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3204	.71190	.00065	.00489	.00496	.0390	.05810	3.2500
Stddev	.0036	.02805	.00099	.00038	.00100	.0004	.00148	.1262
%RSD	.27508	3.9401	151.75	7.8072	20.231	.9281	2.5519	3.8820

#1	1.3229	.69206	-.00005	.00516	.00567	.0393	.05914	3.3392
#2	1.3178	.73173	.00136	.00462	.00425	.0387	.05705	3.1608

Sample Name: J5999-02 Acquired: 11/27/2018 20:59:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-1114-S- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.51585
Stddev	.32413
%RSD	62.833

#1	.74505
#2	.28666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.2	43831.	4667.6	101.87	3646.3
Stddev	4.7	28.	49.3	.19	8.9
%RSD	.13543	.06488	1.0562	.18458	.24427

#1	3458.9	43811.	4632.8	102.00	3640.0
#2	3465.5	43851.	4702.5	101.74	3652.6

Sample Name: J5999-03 Acquired: 11/27/2018 21:03:34 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-1114-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	-.00070	-.00284	.01225	.00295	-.00091	.17898	.35392	-.00012
Stddev	.00036	.00049	.00147	.00186	.00104	.05865	.00673	.00002
%RSD	51.373	17.227	12.040	63.025	113.67	32.767	1.9004	17.179

#1	-.00044	-.00319	.01329	.00164	-.00165	.22045	.35868	-.00014
#2	-.00095	-.00249	.01121	.00427	-.00018	.13751	.34916	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	4.0112	.00228	.00100	.01365	.26998	.04595	1.2238
Stddev	.00002	.0077	.00036	.00007	.00049	.01924	.00065	.0316
%RSD	17.314	.19127	15.729	7.4158	3.6181	7.1263	1.4150	2.5848

#1	.00012	4.0057	.00253	.00095	.01400	.28358	.04549	1.2462
#2	.00015	4.0166	.00202	.00105	.01330	.25637	.04641	1.2014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	-.00041	315.71	.00016	.28825	1.1509	.00032	.10996
Stddev	.00031	.00015	3.68	.00039	.00208	.0124	.00018	.00023
%RSD	4.7044	37.138	1.1641	253.79	.72161	1.0793	56.801	.20745

#1	.00631	-.00030	318.31	.00043	.28972	1.1421	.00019	.11012
#2	.00674	-.00051	313.12	-.00012	.28678	1.1597	.00045	.10980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8682	.56830	.00082	.00219	.01059	.0318	.08743	3.5141
Stddev	.0092	.02884	.00031	.00121	.00055	.0006	.00030	.3966
%RSD	.49373	5.0756	37.518	55.480	5.1771	1.775	.34011	11.284

#1	1.8747	.54791	.00103	.00304	.01020	.0314	.08764	3.7945
#2	1.8616	.58870	.00060	.00133	.01098	.0322	.08722	3.2337

Sample Name: J5999-03 Acquired: 11/27/2018 21:03:34 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-1114-S- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.85164
Stddev	.15966
%RSD	18.747

#1	.96454
#2	.73875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.5	43555.	4618.7	103.26	3658.8
Stddev	31.4	8.	14.8	1.11	34.7
%RSD	.90229	.01880	.31960	1.0781	.94937

#1	3457.3	43550.	4608.3	102.47	3634.2
#2	3501.7	43561.	4629.1	104.04	3683.3

Sample Name: J6000-02 Acquired: 11/27/2018 21:07:44 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FS-12072-119 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	-.00233	.01524	.00378	.00045	.15865	.11122	-.00002
Stddev	.00180	.00211	.00051	.00181	.00315	.00183	.00061	.00003
%RSD	168.02	90.609	3.3304	47.751	693.67	1.1513	.54805	142.04

#1	.00020	-.00084	.01560	.00506	.00268	.15736	.11165	-.00005
#2	-.00235	-.00383	.01488	.00251	-.00177	.15994	.11079	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	10.991	.00104	.00043	.02743	.12523	.23115	1.3339
Stddev	.00003	.000	.00052	.00039	.00027	.00578	.00050	.0377
%RSD	1.3163	.00118	49.884	89.804	.96646	4.6121	.21628	2.8228

#1	.00215	10.991	.00067	.00070	.02724	.12114	.23080	1.3605
#2	.00211	10.991	.00141	.00016	.02762	.12931	.23150	1.3073

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00066	291.23	.00048	.10012	.68832	-.00002	-.00292
Stddev	.00013	.00020	3.72	.00069	.00020	.00461	.00013	.00389
%RSD	8.8302	31.055	1.2773	144.81	.19989	.66995	634.77	133.35

#1	.00139	-.00052	288.60	-.00001	.10026	.69158	-.00011	-.00017
#2	.00157	-.00081	293.86	.00096	.09998	.68505	.00007	-.00567

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03416	.55527	.00151	.00562	.00815	.0097	.04072	3.8974
Stddev	.00027	.00299	.00019	.00085	.00008	.0009	.00022	.2468
%RSD	.77952	.53827	12.728	15.092	.94642	8.838	.54132	6.3333

#1	.03397	.55316	.00137	.00502	.00809	.0103	.04057	3.7228
#2	.03434	.55739	.00165	.00622	.00820	.0091	.04088	4.0719

Sample Name: J6000-02 Acquired: 11/27/2018 21:07:44 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FS-12072-119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.38450
Stddev	.09080
%RSD	23.616

#1	.32029
#2	.44870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.2	43412.	4578.7	102.03	3602.6
Stddev	17.9	142.	33.1	.62	21.9
%RSD	.51914	.32787	.72212	.60482	.60657

#1	3440.5	43512.	4602.1	101.60	3587.2
#2	3465.9	43311.	4555.3	102.47	3618.1

Sample Name: J6006-02 Acquired: 11/27/2018 21:11:52 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RS-CON-WALL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	-.00135	.00614	.00912	-.00106	-.05000	.08824	-.00001
Stddev	.00216	.00211	.00049	.00171	.00023	.02097	.00130	.00002
%RSD	190.17	156.18	7.9409	18.702	21.371	41.940	1.4734	354.60
#1	.00267	.00014	.00580	.01032	-.00090	-.06483	.08732	-.00002
#2	-.00039	-.00285	.00649	.00791	-.00122	-.03517	.08916	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	193.19	.00018	.00065	.00099	-.00442	.26999	10.494
Stddev	.00008	1.53	.00001	.00010	.00016	.01102	.00006	.056
%RSD	14.953	.79409	6.7394	15.641	15.841	249.35	.02160	.52958
#1	.00048	192.10	.00017	.00073	.00111	.00337	.26995	10.455
#2	.00059	194.27	.00019	.00058	.00088	-.01222	.27003	10.534
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00025	288.17	.00334	.01351	5.3948	.00183	.02961
Stddev	.00024	.00033	6.77	.00008	.00020	.0165	.00007	.00166
%RSD	14.185	132.47	2.3483	2.4393	1.4790	.30536	3.6099	5.5997
#1	.00154	-.00048	283.39	.00340	.01337	5.3831	.00178	.03078
#2	.00189	-.00002	292.96	.00328	.01366	5.4064	.00188	.02844
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.789	5.0991	-.00130	-.00324	.02339	.0163	.61821	4.3166
Stddev	.096	.0441	.00063	.00031	.00041	.0023	.00445	.1096
%RSD	.74982	.86404	48.212	9.4951	1.7519	14.05	.71981	2.5394
#1	12.722	5.0679	-.00086	-.00302	.02310	.0180	.61506	4.2391
#2	12.857	5.1302	-.00175	-.00346	.02368	.0147	.62135	4.3941

Sample Name: J6006-02 Acquired: 11/27/2018 21:11:52 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RS-CON-WALL- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.25461
%RSD	64.567

#1	-.57437
#2	-.21430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.4	42504.	4570.1	101.78	3436.4
Stddev	6.9	.	34.5	.40	14.7
%RSD	.20818	.00066	.75477	.39670	.42788

#1	3315.2	42504.	4594.5	102.06	3446.8
#2	3305.5	42504.	4545.8	101.49	3426.0

Sample Name: J6006-04 Acquired: 11/27/2018 21:16:01 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RS-CON-WALL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00324	.00502	.00612	-.00117	-.04182	.08535	-.00006
Stddev	.00006	.00014	.00091	.00065	.00273	.01798	.00027	.00001
%RSD	9.5863	4.3889	18.207	10.574	234.02	42.987	.31127	19.366
#1	.00062	-.00334	.00438	.00567	.00076	-.05454	.08554	-.00007
#2	.00071	-.00314	.00567	.00658	-.00310	-.02911	.08516	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	185.95	-.00013	.00040	.00044	.00098	.32442	9.9349
Stddev	.00006	1.20	.00001	.00038	.00009	.00432	.00032	.0206
%RSD	67.243	.64557	7.6633	94.146	20.410	440.69	.10006	.20741
#1	-.00014	185.11	-.00014	.00067	.00037	-.00207	.32419	9.9203
#2	-.00005	186.80	-.00012	.00014	.00050	.00403	.32465	9.9494
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	-.00044	286.56	.00146	.02725	6.1201	.00024	.02873
Stddev	.00016	.00062	1.43	.00050	.00043	.0273	.00020	.00315
%RSD	11.812	140.68	.50051	34.060	1.5680	.44679	83.839	10.951
#1	.00149	-.00000	285.54	.00111	.02755	6.1008	.00010	.02651
#2	.00126	-.00088	287.57	.00182	.02695	6.1395	.00038	.03096
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.240	5.3423	-.00260	-.00566	.02342	.0184	.64510	4.2067
Stddev	.086	.0008	.00028	.00042	.00005	.0006	.00259	.2018
%RSD	.70581	.01560	10.928	7.3329	.20611	3.174	.40193	4.7960
#1	12.302	5.3429	-.00240	-.00537	.02346	.0188	.64694	4.3494
#2	12.179	5.3417	-.00280	-.00596	.02339	.0180	.64327	4.0641

Sample Name: J6006-04 Acquired: 11/27/2018 21:16:01 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RS-CON-WALL- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.96238
%RSD	398.93

#1	-.92175
#2	.43926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.3	42509.	4541.4	100.00	3487.2
Stddev	19.0	20.	4.4	1.62	21.3
%RSD	.56766	.04811	.09669	1.6243	.61028

#1	3336.8	42524.	4544.5	98.854	3472.2
#2	3363.7	42495.	4538.3	101.15	3502.3

Sample Name: J6006-06 Acquired: 11/27/2018 21:20:09 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RS-CON-FLOOR Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	-.00300	.00397	.00457	-.00052	-.03129	.05627	-.00012
Stddev	.00372	.00084	.00089	.00285	.00147	.00528	.00108	.00001
%RSD	206.88	27.910	22.414	62.406	282.90	16.867	1.9265	10.225

#1	-.00442	-.00360	.00334	.00255	.00052	-.02756	.05703	-.00013
#2	.00083	-.00241	.00459	.00659	-.00156	-.03502	.05550	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	144.60	.00273	.00043	.00261	-.02314	.04300	2.8565
Stddev	.00000	1.11	.00005	.00007	.00064	.00138	.00040	.0410
%RSD	.34344	.76783	1.8919	16.871	24.623	5.9429	.93675	1.4346

#1	.00097	145.39	.00269	.00049	.00215	-.02412	.04329	2.8855
#2	.00097	143.82	.00276	.00038	.00306	-.02217	.04272	2.8275

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	-.00105	287.45	.00074	.02296	2.9961	.00048	.01089
Stddev	.00001	.00042	4.84	.00001	.00003	.0286	.00012	.00286
%RSD	.16927	39.474	1.6839	1.6413	.11103	.95569	24.008	26.300

#1	.00360	-.00076	290.88	.00073	.02298	3.0163	.00040	.01292
#2	.00360	-.00135	284.03	.00074	.02294	2.9758	.00056	.00887

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7352	5.4080	.00015	-.00284	.01493	.0056	.83768	4.3120
Stddev	.0033	.0026	.00079	.00090	.00052	.0004	.00775	.0269
%RSD	.11956	.04851	509.69	31.524	3.5151	7.134	.92487	.62354

#1	2.7375	5.4099	-.00040	-.00221	.01530	.0059	.84316	4.3310
#2	2.7329	5.4062	.00071	-.00348	.01456	.0053	.83220	4.2930

Sample Name: J6006-06 Acquired: 11/27/2018 21:20:09 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RS-CON-FLOOR Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .86654
%RSD 3295.5

#1 -.63903
#2 .58644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.6	42557.	4571.9	100.82	3496.7
Stddev	20.2	303.	28.6	1.18	22.6
%RSD	.60106	.71178	.62616	1.1733	.64554

#1	3338.4	42342.	4551.6	99.982	3480.8
#2	3366.8	42771.	4592.1	101.66	3512.7

Sample Name: J6044-03 Acquired: 11/27/2018 21:24:18 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00369	-.00237	.01133	.00007	-.11532	.60546	-.00003
Stddev	.00363	.00133	.00089	.00046	.00038	.00686	.00441	.00008
%RSD	389.14	35.946	37.660	4.0647	562.25	5.9484	.72853	287.62

#1	-.00350	-.00275	-.00174	.01166	.00034	-.11047	.60858	.00003
#2	.00163	-.00463	-.00300	.01101	-.00020	-.12017	.60234	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	255.64	-.00443	.00879	-.01558	39.710	4.3184	32.610
Stddev	.00000	1.26	.00003	.00055	.00028	.405	.0067	.392
%RSD	.15944	.49267	.78732	6.2124	1.7667	1.0195	.15414	1.2027

#1	-.00118	254.75	-.00441	.00840	-.01577	39.996	4.3231	32.333
#2	-.00118	256.53	-.00446	.00917	-.01538	39.423	4.3137	32.888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02134	.00329	489.96	.00124	3.1967	14.805	-.00096	.02777
Stddev	.00010	.00093	3.41	.00047	.0264	.040	.00023	.00157
%RSD	.45552	28.338	.69625	37.913	.82697	.26745	24.201	5.6415

#1	.02128	.00263	492.38	.00157	3.2154	14.777	-.00112	.02888
#2	.02141	.00395	487.55	.00091	3.1781	14.833	-.00080	.02666

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1631	.10016	.00173	-.00699	.01937	.0811	1.5511	5.5115
Stddev	.0716	.00024	.00009	.00005	.00115	.0016	.0134	.2147
%RSD	1.1619	.24217	5.1726	.76385	5.9203	1.932	.86094	3.8947

#1	6.1124	.10033	.00166	-.00696	.01856	.0800	1.5606	5.6633
#2	6.2137	.09999	.00179	-.00703	.02019	.0822	1.5417	5.3597

Sample Name: J6044-03 Acquired: 11/27/2018 21:24:18 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30003 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.301
Stddev	.612
%RSD	4.9786

#1	12.734
#2	11.868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.9	41228.	4504.2	97.225	3244.2
Stddev	15.3	173.	11.0	1.068	21.9
%RSD	.47599	.41930	.24322	1.0984	.67487

#1	3218.7	41106.	4496.5	96.470	3259.7
#2	3197.1	41350.	4512.0	97.980	3228.7

Sample Name: J6044-04 Acquired: 11/27/2018 21:28:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00268	-.00295	-.00060	.00858	-.00424	-.02105	.29624	.00002
Stddev	.00110	.00047	.00043	.00085	.00026	.00093	.00020	.00003
%RSD	41.110	15.986	71.687	9.8738	6.0279	4.4130	.06612	154.26

#1	.00346	-.00261	-.00030	.00918	-.00406	-.02170	.29638	.00003
#2	.00190	-.00328	-.00091	.00798	-.00442	-.02039	.29610	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	107.32	-.00113	.00397	-.00607	14.961	.91526	13.036
Stddev	.00006	1.02	.00008	.00007	.00054	.237	.00093	.090
%RSD	7.1827	.94629	7.4747	1.6423	8.8450	1.5838	.10143	.69368

#1	-.00090	106.61	-.00119	.00392	-.00569	14.794	.91592	12.972
#2	-.00081	108.04	-.00107	.00401	-.00645	15.129	.91460	13.100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	.00065	204.78	.00067	.08325	12.499	-.00014	.04032
Stddev	.00001	.00028	1.52	.00064	.00161	.056	.00015	.00755
%RSD	.50001	42.437	.74342	94.873	1.9327	.44622	101.76	18.721

#1	-.00214	.00085	203.71	.00022	.08211	12.459	-.00004	.03498
#2	-.00213	.00046	205.86	.00112	.08439	12.538	-.00025	.04565

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6683	.13909	.00043	-.00139	.00861	.5730	.64276	3.8346
Stddev	.0365	.00180	.00023	.00080	.00017	.0029	.00320	.1044
%RSD	1.3683	1.2920	52.784	57.975	2.0123	.5146	.49721	2.7222

#1	2.6425	.14036	.00027	-.00196	.00849	.5710	.64050	3.9084
#2	2.6941	.13782	.00059	-.00082	.00873	.5751	.64502	3.7608

Sample Name: J6044-04 Acquired: 11/27/2018 21:28:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8280
Stddev 1.0145
%RSD 21.012

#1 5.5453
#2 4.1107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.6	43340.	4583.9	102.16	3584.8
Stddev	9.8	160.	14.8	1.56	6.3
%RSD	.28673	.36806	.32305	1.5319	.17471

#1	3430.5	43228.	4594.4	103.27	3589.2
#2	3416.6	43453.	4573.4	101.05	3580.3

Sample Name: J6044-04DUP Acquired: 11/27/2018 21:32:28 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00318	-.00007	.00842	-.00267	-.04859	.29520	-.00008
Stddev	.00219	.00048	.00060	.00266	.00030	.01219	.00284	.00001
%RSD	122.30	14.962	913.25	31.558	11.076	25.089	.96049	6.8486

#1	.00334	-.00352	-.00049	.00654	-.00246	-.05721	.29720	-.00008
#2	.00024	-.00285	.00036	.01030	-.00288	-.03997	.29319	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	107.75	-.00124	.00385	-.00538	14.687	.90357	12.971
Stddev	.00001	.45	.00012	.00009	.00015	.063	.01724	.030
%RSD	1.0687	.41494	9.8478	2.3281	2.8503	.43230	1.9079	.23104

#1	-.00082	108.07	-.00116	.00378	-.00549	14.732	.89138	12.949
#2	-.00083	107.43	-.00133	.00391	-.00527	14.642	.91576	12.992

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	.00094	205.28	.00076	.08226	12.451	-.00043	.03894
Stddev	.00002	.00004	.82	.00019	.00100	.077	.00006	.00005
%RSD	1.6749	4.1356	.39837	24.637	1.2104	.61965	13.830	.11836

#1	-.00132	.00091	205.86	.00090	.08296	12.505	-.00047	.03891
#2	-.00135	.00097	204.70	.00063	.08156	12.396	-.00039	.03897

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6653	.14614	.00069	-.00208	.00804	.5803	.64298	3.2270
Stddev	.0105	.00448	.00001	.00079	.00091	.0003	.00540	.2869
%RSD	.39464	3.0635	1.1213	37.729	11.310	.0498	.84050	8.8898

#1	2.6727	.14930	.00069	-.00264	.00740	.5801	.64680	3.0242
#2	2.6578	.14297	.00070	-.00153	.00868	.5806	.63916	3.4299

Sample Name: J6044-04DUP Acquired: 11/27/2018 21:32:28 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2182
Stddev	.4657
%RSD	11.039

#1	4.5475
#2	3.8889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.1	43814.	4564.4	102.64	3575.8
Stddev	20.5	470.	39.6	1.39	21.4
%RSD	.59967	1.0717	.86653	1.3519	.59717

#1	3402.6	44146.	4536.4	101.66	3560.7
#2	3431.5	43482.	4592.3	103.62	3590.9

Sample Name: CCV10 Acquired: 11/27/2018 21:36:30 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9826	4.9741	4.9182	4.9280	4.9473	9.7650	10.420	.24684
Stddev	.0116	.0001	.0018	.0097	.0060	.0606	.023	.00081
%RSD	.23193	.00311	.03604	.19574	.12025	.62031	.21604	.32977
#1	4.9907	4.9740	4.9170	4.9212	4.9431	9.8079	10.436	.24626
#2	4.9744	4.9743	4.9195	4.9349	4.9515	9.7222	10.404	.24741
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4448	25.642	1.0178	2.4416	1.2568	5.1710	2.5463	24.550
Stddev	.0013	.002	.0046	.0002	.0008	.0566	.0018	.076
%RSD	.05145	.00782	.44879	.00888	.06118	1.0949	.06940	.30816
#1	2.4439	25.640	1.0145	2.4414	1.2573	5.1310	2.5450	24.496
#2	2.4456	25.643	1.0210	2.4417	1.2563	5.2111	2.5475	24.603
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4704	1.2549	25.169	2.5607	2.6811	26.334	5.0728	4.8269
Stddev	.0016	.0017	.013	.0060	.0111	.061	.0035	.0255
%RSD	.06556	.13363	.05001	.23534	.41425	.22981	.06944	.52816
#1	2.4716	1.2537	25.161	2.5565	2.6732	26.376	5.0703	4.8089
#2	2.4693	1.2560	25.178	2.5650	2.6889	26.291	5.0753	4.8449
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8420	5.2418	4.9402	4.9970	5.0518	5.083	5.1081	F 3.6839
Stddev	.0042	.0233	.0057	.0220	.0101	.007	.0122	.4602
%RSD	.08714	.44376	.11633	.44042	.19891	.1344	.23889	12.493
#1	4.8390	5.2254	4.9362	4.9814	5.0589	5.078	5.1167	4.0094
#2	4.8450	5.2583	4.9443	5.0125	5.0447	5.088	5.0994	3.3585

Sample Name: CCV10 Acquired: 11/27/2018 21:36:30 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6019
Stddev .3210
%RSD 12.336

#1 2.3749
#2 2.8288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.7	44285.	4521.0	96.591	3601.1
Stddev	1.0	254.	1.8	.371	3.0
%RSD	.02933	.57270	.03881	.38372	.08382

#1	3516.5	44105.	4519.8	96.853	3598.9
#2	3515.0	44464.	4522.2	96.329	3603.2

Sample Name: CCB10 Acquired: 11/27/2018 21:40:15 Type: Unk
Method: P4-ICP2(v2606) 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	.00037	.00173	.00166	.00020	-.00060	.00094	.00110
Stddev	.00029	.00009	.00096	.00182	.00233	.00866	.00055
%RSD	78.294	5.0253	57.944	890.34	390.35	919.56	50.441

#1	.00016	.00179	.00234	-.00108	-.00225	.00707	.00071
#2	.00057	.00167	.00098	.00149	.00105	-.00518	.00149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00005	.00351	.00030	-.00002	-.00032	.01158
Stddev	.00001	.00006	.00736	.00027	.00005	.00009	.00136
%RSD	15.479	108.46	209.49	87.613	324.06	27.577	11.770

#1	-.00008	.00009	.00872	.00049	-.00005	-.00038	.01254
#2	-.00006	.00001	-.00169	.00012	.00002	-.00026	.01062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00185	.00075	-.00088	-.26963	.00066	-.00042
Stddev	.00004	.02219	.00025	.00069	.00195	.00008	.00017
%RSD	19.807	1200.4	33.894	78.194	.72302	12.032	40.895

#1	-.00018	.01754	.00057	-.00137	-.27101	.00072	-.00030
#2	-.00023	-.01384	.00093	-.00040	-.26826	.00060	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02279	.00069	-.01344	F -.02009	-.00257	-.00093	-.00090
Stddev	.00906	.00010	.00381	.00197	.00046	.00023	.00209
%RSD	39.752	13.942	28.379	9.8164	18.085	24.574	231.53

#1	-.01639	.00075	-.01074	-.01870	-.00224	-.00077	.00057
#2	-.02920	.00062	-.01614	-.02149	-.00290	-.00109	-.00238

Sample Name: CCB10 Acquired: 11/27/2018 21:40:15 Type: Unk
 Method: P4-ICP2(v2606) 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	-.00279	-.0010	.00016	F .36474	F<.00000
Stddev	.00036	.0003	.00018	.51195	.65038
%RSD	12.986	30.21	114.49	140.36	70.227

#1	-.00304	-.0012	.00003	.00273	-1.3860
#2	-.00253	-.0008	.00029	.72674	-.46622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.3	47352.	4664.0	104.82	4281.6
Stddev	2.4	93.	10.8	.71	.9
%RSD	.06486	.19664	.23182	.67921	.02188

#1	3740.0	47286.	4656.4	104.31	4282.3
#2	3736.6	47418.	4671.7	105.32	4281.0

Sample Name: J6044-04LX5 Acquired: 11/27/2018 21:44:20 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00109	.00120	.00389	-.00270	-.00290	.05889	-.00003
Stddev	.00179	.00126	.00139	.00010	.00112	.00590	.00001	.00006
%RSD	178.88	116.46	116.10	2.6096	41.416	203.13	.02383	167.55

#1	-.00027	-.00198	.00218	.00382	-.00191	-.00707	.05890	-.00007
#2	.00227	-.00019	.00021	.00397	-.00349	.00127	.05888	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	22.256	-.00059	.00087	-.00131	2.9951	.18973	2.7748
Stddev	.00008	.040	.00007	.00039	.00029	.0222	.00025	.0348
%RSD	55.109	.17786	11.738	44.989	21.881	.74004	.13328	1.2537

#1	-.00020	22.284	-.00054	.00059	-.00151	2.9794	.18990	2.7994
#2	-.00009	22.228	-.00063	.00114	-.00111	3.0108	.18955	2.7502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00047	41.736	.00010	.01501	2.5684	-.00009	.00442
Stddev	.00012	.00016	.298	.00054	.00010	.0103	.00004	.00271
%RSD	17.146	33.780	.71326	543.31	.69445	.40153	49.335	61.472

#1	-.00063	-.00036	41.946	-.00028	.01493	2.5611	-.00006	.00250
#2	-.00080	-.00058	41.525	.00048	.01508	2.5757	-.00012	.00633

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51148	.03055	.00065	-.00054	.00402	.1103	.13262	2.2335
Stddev	.00154	.00171	.00043	.00088	.00257	.0002	.00090	.3924
%RSD	.30169	5.5998	66.127	163.14	64.024	.2099	.67888	17.568

#1	.51039	.02934	.00096	.00008	.00584	.1105	.13326	2.5109
#2	.51257	.03176	.00035	-.00116	.00220	.1102	.13198	1.9560

Sample Name: J6044-04LX5 Acquired: 11/27/2018 21:44:20 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.39067
Stddev	.32877
%RSD	84.155

#1	.62315
#2	.15820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.2	45289.	4608.4	104.43	3871.6
Stddev	12.5	61.	23.0	.27	11.1
%RSD	.34689	.13460	.49913	.25722	.28791

#1	3588.4	45246.	4592.1	104.24	3863.7
#2	3606.1	45332.	4624.6	104.62	3879.5

Sample Name: J6044-04MS Acquired: 11/27/2018 21:48:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002MS 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	.81007	1.8751	.94730	1.9690	.80720	2.0125	.47407	.20150	.19043
Stddev	.00096	.0129	.00757	.0114	.00842	.1203	.00152	.00764	.00205
%RSD	.11820	.68631	.79870	.57748	1.0427	5.9768	.32139	3.7894	1.0768

#1	.80939	1.8660	.94195	1.9609	.80125	2.0976	.47299	.20690	.18898
#2	.81075	1.8842	.95265	1.9770	.81315	1.9275	.47515	.19610	.19188

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.476	.41654	.20196	.30154	16.268	1.0038	13.469	.49626	.07464
Stddev	.577	.01751	.00219	.00264	.207	.0415	.065	.00553	.00240
%RSD	.60474	4.2026	1.0849	.87575	1.2722	4.1387	.48325	1.1140	3.2155

#1	95.068	.42892	.20041	.29967	16.122	1.0331	13.423	.49235	.07633
#2	95.884	.40416	.20351	.30340	16.414	.97439	13.515	.50017	.07294

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	184.91	.32227	.27387	21.632	.44915	.33721	2.2751	1.0933	.69573
Stddev	.60	.01403	.00470	.168	.00346	.00176	.0209	.0023	.00811
%RSD	.32288	4.3543	1.7173	.77866	.77068	.52325	.91890	.21029	1.1660

#1	184.49	.33219	.27054	21.512	.44670	.33597	2.2603	1.0949	.69000
#2	185.33	.31234	.27719	21.751	.45159	.33846	2.2899	1.0917	.70147

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21440	.22236	6.656	.77601	3.3968	3.7947
Stddev	.00117	.00231	.051	.00069	.8150	.0525
%RSD	.54515	1.0384	.7608	.08942	23.994	1.3833

#1	.21523	.22400	6.620	.77650	3.9731	3.8318
#2	.21358	.22073	6.692	.77552	2.8205	3.7576

Sample Name: J6044-04MS Acquired: 11/27/2018 21:48:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002MS 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	3422.6	43594.	4497.1	100.35	3586.0
Stddev	28.6	1447.	40.4	1.68	36.4
%RSD	.83686	3.3184	.89856	1.6725	1.0148
#1	3442.9	42571.	4525.7	101.53	3611.7
#2	3402.4	44617.	4468.5	99.159	3560.3

Sample Name: J6044-04MSD Acquired: 11/27/2018 21:52:16 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002MSD 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	.81974	1.8835	.95368	1.9744	.80835	2.0275	.47472	.20145	.19135
Stddev	.01238	.0161	.00957	.0252	.00962	.0165	.00006	.00001	.00195
%RSD	1.5098	.85672	1.0038	1.2780	1.1899	.81235	.01304	.00477	1.0179

#1	.82849	1.8949	.96045	1.9922	.81515	2.0391	.47468	.20144	.19273
#2	.81098	1.8721	.94692	1.9565	.80155	2.0158	.47477	.20146	.18998

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.069	.41643	.20304	.30450	16.497	1.0073	13.468	.49817	.07507
Stddev	.339	.00215	.00216	.00301	.125	.0006	.167	.00548	.00103
%RSD	.35668	.51734	1.0646	.98774	.75480	.06292	1.2378	1.0996	1.3761

#1	94.829	.41796	.20457	.30663	16.409	1.0068	13.350	.50204	.07580
#2	95.309	.41491	.20151	.30237	16.586	1.0077	13.586	.49429	.07434

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	183.84	.32546	.27802	21.522	.45109	.32717	2.2997	1.0921	.70296
Stddev	.02	.00480	.00004	.051	.00487	.00743	.0310	.0196	.00783
%RSD	.01230	1.4755	.01618	.23744	1.0789	2.2706	1.3492	1.7962	1.1143

#1	183.86	.32886	.27799	21.486	.45453	.32191	2.3217	1.1060	.70850
#2	183.82	.32207	.27805	21.558	.44765	.33242	2.2778	1.0782	.69742

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21350	.22202	6.696	.77067	3.5461	3.7738
Stddev	.00158	.00235	.072	.00055	.4030	.3507
%RSD	.73826	1.0587	1.071	.07089	11.364	9.2921

#1	.21238	.22036	6.746	.77105	3.2611	3.5259
#2	.21461	.22368	6.645	.77028	3.8310	4.0218

Sample Name: J6044-04MSD Acquired: 11/27/2018 21:52:16 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002MSD 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	3418.4	43549.	4521.8	99.473	3580.6
Stddev	46.5	123.	15.2	.436	52.5
%RSD	1.3602	.28246	.33534	.43879	1.4666
#1	3385.5	43462.	4511.1	99.165	3543.5
#2	3451.2	43636.	4532.5	99.782	3617.7

Sample Name: J6044-04A Acquired: 11/27/2018 21:56:07 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002 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	.80876	1.8632	.94055	1.9599	.79830	2.0003	.47803	.19958	.18923
Stddev	.00083	.0011	.00203	.0036	.00566	.0267	.00320	.00155	.00042
%RSD	.10289	.06138	.21559	.18349	.70894	1.3352	.66897	.77592	.22396

#1	.80817	1.8624	.94199	1.9624	.80230	2.0192	.47577	.20068	.18953
#2	.80935	1.8640	.93912	1.9573	.79430	1.9814	.48029	.19849	.18893

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.497	.41294	.20094	.30191	16.482	.99768	13.323	.49312	.07443
Stddev	.780	.00366	.00017	.00066	.306	.00940	.095	.00004	.00116
%RSD	.81645	.88597	.08270	.21796	1.8541	.94183	.70984	.00852	1.5613

#1	94.945	.41553	.20083	.30144	16.266	1.0043	13.256	.49315	.07526
#2	96.048	.41035	.20106	.30237	16.698	.99103	13.390	.49309	.07361

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	185.05	.31872	.27683	21.703	.44784	.33046	2.2637	1.0956	.69598
Stddev	1.73	.00445	.00501	.177	.00002	.00726	.0094	.0055	.00531
%RSD	.93409	1.3962	1.8082	.81784	.00489	2.1958	.41408	.50156	.76341

#1	183.83	.32186	.27329	21.577	.44785	.33559	2.2703	1.0917	.69973
#2	186.27	.31557	.28037	21.828	.44782	.32533	2.2571	1.0995	.69222

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21172	.22225	6.627	.77700	3.3877	3.8951
Stddev	.00209	.00471	.014	.00511	.3776	.0894
%RSD	.98808	2.1185	.2154	.65743	11.145	2.2961

#1	.21024	.21893	6.637	.77338	3.6547	3.8318
#2	.21320	.22558	6.617	.78061	3.1208	3.9583

Sample Name: J6044-04A Acquired: 11/27/2018 21:56:07 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30002 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	3427.6	43872.	4486.6	99.257	3595.4
Stddev	3.3	430.	11.8	1.654	5.6
%RSD	.09492	.98018	.26333	1.6668	.15703
#1	3425.3	43568.	4495.0	100.43	3591.4
#2	3429.9	44176.	4478.3	98.087	3599.4

Sample Name: J5770-06 Acquired: 11/27/2018 21:59:58 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00119	.01128	.00569	-.00028	.16140	.12502	.00002
Stddev	.00206	.00095	.00141	.00074	.00293	.01082	.00067	.00005
%RSD	1437.3	79.128	12.525	12.981	1043.6	6.7040	.53600	275.40

#1	.00160	-.00186	.01227	.00517	.00179	.15375	.12455	.00006
#2	-.00131	-.00053	.01028	.00622	-.00235	.16905	.12549	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	18.846	-.00003	.00590	.00843	.39738	.85591	2.4322
Stddev	.00004	.235	.00008	.00014	.00016	.00208	.00284	.0405
%RSD	15.346	1.2463	286.28	2.3474	1.8574	.52335	.33123	1.6666

#1	.00024	18.680	-.00008	.00580	.00832	.39591	.85391	2.4609
#2	.00030	19.012	.00003	.00600	.00854	.39886	.85792	2.4035

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	-.00021	328.55	.00073	.03378	1.2014	.00017	.00011
Stddev	.00006	.00014	.18	.00029	.00088	.0280	.00012	.00108
%RSD	1.5523	66.605	.05476	38.911	2.5979	2.3309	71.473	1011.0

#1	.00421	-.00031	328.43	.00093	.03441	1.1816	.00026	-.00065
#2	.00412	-.00011	328.68	.00053	.03316	1.2212	.00009	.00087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14463	1.0225	.00188	.00068	.00454	.0043	.06259	2.9945
Stddev	.00175	.0041	.00023	.00062	.00096	.0012	.00060	.2375
%RSD	1.2123	.39685	12.252	90.332	21.240	27.98	.96088	7.9305

#1	.14587	1.0196	.00171	.00112	.00386	.0034	.06302	2.8266
#2	.14339	1.0254	.00204	.00025	.00522	.0051	.06217	3.1625

Sample Name: J5770-06 Acquired: 11/27/2018 21:59:58 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.25565
Stddev	.35040
%RSD	137.06

#1	.00788
#2	.50342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.9	44262.	4596.4	101.28	3639.5
Stddev	4.5	128.	2.8	2.31	6.3
%RSD	.12926	.28939	.06147	2.2817	.17404

#1	3519.1	44353.	4594.4	99.648	3644.0
#2	3512.6	44172.	4598.4	102.92	3635.1

Sample Name: J5770-06DUP Acquired: 11/27/2018 22:04:08 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	-.00239	.01181	.00375	.00022	.15114	.12622	.00003
Stddev	.00151	.00014	.00172	.00003	.00121	.00956	.00035	.00010
%RSD	131.44	5.7788	14.548	.67340	550.61	6.3283	.28124	355.65

#1	-.00008	-.00229	.01060	.00373	.00107	.14438	.12597	-.00004
#2	-.00221	-.00249	.01302	.00376	-.00064	.15790	.12647	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	19.028	-.00016	.00590	.00812	.40107	.86356	2.4663
Stddev	.00003	.038	.00088	.00004	.00022	.01543	.00019	.0667
%RSD	9.3784	.19910	563.65	.71554	2.6699	3.8483	.02229	2.7047

#1	.00034	19.001	.00047	.00593	.00797	.41199	.86342	2.4191
#2	.00030	19.055	-.00078	.00587	.00827	.39016	.86370	2.5135

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	-.00010	326.96	.00049	.03459	1.2830	.00006	.00113
Stddev	.00004	.00022	.58	.00029	.00056	.0220	.00018	.00794
%RSD	.88118	215.65	.17860	59.975	1.6164	1.7137	299.00	700.73

#1	.00432	.00005	327.37	.00028	.03499	1.2986	.00019	.00675
#2	.00438	-.00025	326.55	.00069	.03420	1.2675	-.00007	-.00448

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14505	1.0257	.00203	.00035	.00591	.0026	.06309	3.3448
Stddev	.00169	.0020	.00062	.00160	.00039	.0003	.00008	.1205
%RSD	1.1627	.19334	30.267	455.18	6.5764	12.76	.13357	3.6017

#1	.14386	1.0271	.00247	-.00078	.00563	.0023	.06303	3.2596
#2	.14624	1.0243	.00160	.00149	.00618	.0028	.06315	3.4300

Sample Name: J5770-06DUP Acquired: 11/27/2018 22:04:08 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.29112
Stddev	.26150
%RSD	89.825

#1	.47602
#2	.10621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.1	44111.	4629.8	103.71	3640.8
Stddev	4.2	61.	21.0	2.34	2.1
%RSD	.12084	.13752	.45361	2.2531	.05886

#1	3508.1	44154.	4614.9	102.05	3639.2
#2	3514.1	44068.	4644.6	105.36	3642.3

Sample Name: J5770-06LX5 Acquired: 11/27/2018 22:08:18 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00046	.00326	.00314	-.00079	.01972	.02485	.00001
Stddev	.00051	.00177	.00039	.00198	.00091	.00035	.00089	.00004
%RSD	151.25	388.09	12.089	62.987	113.97	1.7521	3.5948	330.32

#1	.00070	.00080	.00354	.00454	-.00143	.01996	.02548	.00004
#2	-.00002	-.00171	.00298	.00174	-.00015	.01947	.02422	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	3.9173	-.00013	.00107	.00204	.09564	.18144	.50519
Stddev	.00021	.0505	.00004	.00013	.00048	.00432	.00108	.03000
%RSD	464.38	1.2883	34.015	12.079	23.389	4.5172	.59421	5.9382

#1	.00019	3.9530	-.00010	.00116	.00238	.09869	.18221	.52640
#2	-.00010	3.8816	-.00016	.00098	.00170	.09259	.18068	.48398

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	-.00056	67.820	.00054	.00621	.38790	-.00016	-.00410
Stddev	.00007	.00016	.633	.00045	.00016	.01005	.00014	.00348
%RSD	7.6708	29.504	.93389	82.470	2.5716	2.5903	92.748	84.831

#1	.00082	-.00044	68.268	.00086	.00633	.38079	-.00026	-.00164
#2	.00092	-.00067	67.372	.00023	.00610	.39500	-.00005	-.00655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01287	.22206	.00035	-.00059	.00575	-.0007	.01306	2.1350
Stddev	.00361	.00573	.00033	.00055	.00108	.0013	.00004	.0615
%RSD	28.062	2.5819	91.931	92.936	18.773	181.9	.29283	2.8799

#1	.01542	.22611	.00012	-.00098	.00651	.0002	.01308	2.0915
#2	.01032	.21800	.00059	-.00020	.00499	-.0016	.01303	2.1785

Sample Name: J5770-06LX5 Acquired: 11/27/2018 22:08:18 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .06657
Stddev .09530
%RSD 143.16

#1 .13395
#2 -.00082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.1	45654.	4665.8	105.20	3871.9
Stddev	.5	113.	60.1	3.36	13.7
%RSD	.01246	.24685	1.2880	3.1984	.35324

#1	3612.8	45574.	4623.3	102.83	3881.5
#2	3613.4	45733.	4708.3	107.58	3862.2

Sample Name: J5770-06MS Acquired: 11/27/2018 22:12:23 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 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	.78485	1.8165	.93777	1.9356	.78043	2.0957	.34017	.19471	.18952
Stddev	.00410	.0134	.00836	.0146	.00573	.0184	.00427	.00170	.00175
%RSD	.52233	.73976	.89113	.75478	.73413	.87718	1.2563	.87250	.92458
#1	.78775	1.8260	.94368	1.9459	.78448	2.1087	.33715	.19591	.19076
#2	.78195	1.8070	.93186	1.9253	.77638	2.0828	.34319	.19351	.18828
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.468	.40632	.19866	.30311	3.4990	1.0260	4.3763	.49119	.07139
Stddev	.196	.00278	.00261	.00156	.0734	.0084	.0905	.00479	.00038
%RSD	1.0090	.68527	1.3158	.51309	2.0971	.82075	2.0681	.97589	.53328
#1	19.329	.40829	.20051	.30421	3.5509	1.0319	4.3123	.49458	.07166
#2	19.607	.40435	.19681	.30201	3.4471	1.0200	4.4403	.48780	.07113
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	315.51	.31371	.24076	11.985	.43567	.29873	.13020	1.9342	.69035
Stddev	4.71	.00343	.00681	.089	.00267	.00087	.00174	.0037	.00410
%RSD	1.4937	1.0934	2.8284	.73894	.61354	.29054	1.3398	.18945	.59381
#1	318.84	.31613	.24558	11.922	.43756	.29811	.13143	1.9316	.69325
#2	312.17	.31128	.23595	12.047	.43378	.29934	.12897	1.9368	.68745
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21045	.21890	5.977	.26233	3.2368	.41073			
Stddev	.00052	.00428	.047	.00211	.1821	.11475			
%RSD	.24866	1.9575	.7862	.80402	5.6249	27.939			
#1	.21008	.21587	6.010	.26084	3.3656	.49187			
#2	.21082	.22192	5.944	.26382	3.1081	.32958			

Sample Name: J5770-06MS Acquired: 11/27/2018 22:12:23 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-112118 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	3496.9	43990.	4477.2	98.863	3625.3
Stddev	1.3	315.	25.9	2.163	14.0
%RSD	.03857	.71575	.57916	2.1879	.38534
#1	3497.8	43768.	4495.5	97.333	3615.4
#2	3495.9	44213.	4458.8	100.39	3635.2

Sample Name: J5770-06MSD Acquired: 11/27/2018 22:16:20 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 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	.78229	1.7980	.92959	1.9141	.76925	2.0596	.33446	.19032	.18805
Stddev	.00038	.0073	.00066	.0031	.00117	.1103	.00032	.00895	.00034
%RSD	.04843	.40650	.07084	.16123	.15213	5.3541	.09606	4.7010	.17883

#1	.78255	1.8032	.93006	1.9162	.77008	1.9816	.33423	.18399	.18829
#2	.78202	1.7929	.92913	1.9119	.76842	2.1376	.33469	.19665	.18781

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.902	.39832	.19734	.30112	3.4653	1.0025	4.2891	.48682	.07016
Stddev	.324	.01769	.00090	.00064	.0995	.0463	.0278	.00135	.00258
%RSD	1.7124	4.4406	.45773	.21412	2.8717	4.6164	.64747	.27646	3.6793

#1	18.673	.38581	.19670	.30157	3.5357	.96982	4.3087	.48587	.06834
#2	19.131	.41082	.19798	.30066	3.3949	1.0353	4.2695	.48777	.07199

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	312.63	.30641	.23626	11.880	.43368	.28000	.12910	1.9061	.68308
Stddev	2.42	.01583	.00352	.029	.00063	.00711	.00262	.0319	.00132
%RSD	.77264	5.1672	1.4893	.24669	.14533	2.5387	2.0315	1.6713	.19364

#1	310.92	.29522	.23874	11.859	.43413	.28502	.13095	1.8835	.68214
#2	314.34	.31761	.23377	11.900	.43324	.27497	.12724	1.9286	.68401

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20579	.21414	5.913	.25794	2.7873	.28053
Stddev	.00093	.00330	.019	.00151	1.0131	.01732
%RSD	.45243	1.5430	.3175	.58520	36.348	6.1751

#1	.20514	.21180	5.927	.25901	2.0709	.29278
#2	.20645	.21647	5.900	.25688	3.5037	.26828

Sample Name: J5770-06MSD Acquired: 11/27/2018 22:16:20 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 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	3518.2	44836.	4565.1	100.41	3649.2
Stddev	15.9	1714.	26.8	1.34	14.2
%RSD	.45194	3.8233	.58639	1.3391	.38811
#1	3507.0	46048.	4584.0	99.458	3639.2
#2	3529.5	43624.	4546.2	101.36	3659.3

Sample Name: J5770-06A Acquired: 11/27/2018 22:20:17 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 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	.77887	1.7930	.92720	1.9061	.76657	2.1148	.33158	.19629	.18713
Stddev	.00283	.0033	.00052	.0173	.00002	.0230	.00465	.00385	.00018
%RSD	.36365	.18328	.05634	.90616	.00317	1.0883	1.4017	1.9633	.09450

#1	.78087	1.7953	.92683	1.9183	.76659	2.1311	.33486	.19901	.18725
#2	.77686	1.7907	.92757	1.8939	.76655	2.0985	.32829	.19356	.18700

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.796	.40821	.19584	.30076	3.4049	1.0328	4.2880	.48567	.07256
Stddev	.034	.00692	.00061	.00124	.0489	.0240	.0471	.00063	.00156
%RSD	.18135	1.6947	.31331	.41155	1.4367	2.3233	1.0980	.12883	2.1452

#1	18.820	.41310	.19540	.30163	3.4394	1.0498	4.3213	.48611	.07366
#2	18.772	.40332	.19627	.29988	3.3703	1.0158	4.2547	.48522	.07146

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	309.85	.31647	.23381	11.784	.43168	.28593	.12786	1.9150	.68409
Stddev	5.33	.00755	.00421	.069	.00080	.00143	.00310	.0569	.00208
%RSD	1.7193	2.3843	1.8017	.58385	.18604	.50149	2.4266	2.9705	.30423

#1	313.62	.32180	.23679	11.833	.43225	.28695	.13006	1.9553	.68557
#2	306.08	.31113	.23083	11.735	.43112	.28492	.12567	1.8748	.68262

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20734	.21566	5.907	.25462	3.3971	.46575
Stddev	.00048	.00287	.012	.00610	.4954	.01113
%RSD	.23076	1.3288	.1950	2.3976	14.583	2.3888

#1	.20768	.21769	5.916	.25893	3.7474	.45788
#2	.20700	.21364	5.899	.25030	3.0468	.47361

Sample Name: J5770-06A Acquired: 11/27/2018 22:20:17 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 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	3530.7	43786.	4582.2	101.62	3662.3
Stddev	26.9	830.	85.1	2.37	22.2
%RSD	.76243	1.8950	1.8582	2.3356	.60727
#1	3511.7	43200.	4522.0	99.945	3646.6
#2	3549.7	44373.	4642.4	103.30	3678.0

Sample Name: CCV11 Acquired: 11/27/2018 22:24:14 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9582	4.8805	4.8330	4.8561	4.8424	9.6186	10.351	.24655
Stddev	.0107	.0014	.0001	.0240	.0069	.0715	.014	.00250
%RSD	.21686	.02820	.00303	.49356	.14362	.74292	.13642	1.0150
#1	4.9658	4.8815	4.8331	4.8730	4.8473	9.6692	10.361	.24832
#2	4.9506	4.8796	4.8329	4.8392	4.8375	9.5681	10.341	.24478
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3940	25.184	1.0133	2.3848	1.2410	5.0304	2.5374	24.714
Stddev	.0025	.073	.0093	.0007	.0026	.1407	.0152	.101
%RSD	.10393	.28970	.91994	.03044	.20894	2.7975	.59712	.40780
#1	2.3957	25.235	1.0199	2.3853	1.2428	4.9309	2.5481	24.643
#2	2.3922	25.132	1.0067	2.3843	1.2391	5.1299	2.5267	24.785
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4279	1.2611	24.944	2.5619	2.5936	26.233	5.0269	4.8099
Stddev	.0024	.0064	.002	.0219	.0831	.026	.0124	.0094
%RSD	.09729	.50693	.00997	.85341	3.2036	.10002	.24768	.19540
#1	2.4295	1.2656	24.945	2.5773	2.5349	26.252	5.0357	4.8033
#2	2.4262	1.2566	24.942	2.5464	2.6524	26.215	5.0181	4.8166
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7696	5.1931	4.8844	4.9259	4.9919	5.002	5.0438	F 3.3625
Stddev	.0100	.0174	.0012	.0049	.0053	.017	.0054	.2290
%RSD	.21054	.33476	.02528	.09852	.10621	.3456	.10634	6.8101
#1	4.7767	5.2054	4.8835	4.9225	4.9957	5.014	5.0476	3.2006
#2	4.7625	5.1808	4.8852	4.9293	4.9882	4.990	5.0400	3.5244

Sample Name: CCV11 Acquired: 11/27/2018 22:24:14 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9599
Stddev .5121
%RSD 17.300

#1 2.5978
#2 3.3220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.0	44458.	4541.6	99.545	3640.9
Stddev	12.1	21.	8.4	3.094	5.3
%RSD	.34241	.04654	.18491	3.1084	.14427

#1	3535.4	44443.	4547.5	101.73	3637.2
#2	3552.6	44473.	4535.6	97.357	3644.6

Sample Name: CCB11 Acquired: 11/27/2018 22:28:00 Type: Unk
Method: P4-ICP2(v2606) 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	-.00048	.00152	.00039	.00158	-.00058	-.01724	.00033
Stddev	.00097	.00019	.00033	.00208	.00048	.00579	.00089
%RSD	200.99	12.625	86.452	132.27	82.952	33.595	268.60

#1	-.00117	.00139	.00015	.00305	-.00024	-.01314	-.00030
#2	.00020	.00166	.00062	.00010	-.00092	-.02133	.00096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00004	.00133	-.00010	-.00003	-.00031	.01059
Stddev	.00002	.00011	.00495	.00047	.00004	.00036	.00665
%RSD	20.501	284.87	372.96	484.88	124.16	113.17	62.768

#1	-.00008	.00011	.00483	.00024	-.00000	-.00006	.00589
#2	-.00011	-.00004	-.00217	-.00043	-.00005	-.00057	.01529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00385	.00076	-.00062	-.23305	.00025	-.00068
Stddev	.00006	.02734	.00007	.00035	.00168	.00034	.00001
%RSD	24.954	709.63	8.6009	57.229	.72167	138.14	1.9529

#1	-.00018	.02318	.00081	-.00037	-.23424	.00049	-.00067
#2	-.00026	-.01548	.00071	-.00087	-.23186	.00001	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02648	.00057	-.00718	F -.02520	.00074	-.00072	-.00118
Stddev	.00530	.00011	.00217	.00031	.00449	.00006	.00195
%RSD	20.013	20.004	30.250	1.2257	607.94	8.6942	164.87

#1	-.02273	.00065	-.00564	-.02541	.00391	-.00068	-.00256
#2	-.03022	.00049	-.00871	-.02498	-.00244	-.00077	.00020

Sample Name: CCB11 Acquired: 11/27/2018 22:28:00 Type: Unk
 Method: P4-ICP2(v2606) 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	-.00170	-.0007	.00008	F 1.4057	F .06014
Stddev	.00185	.0019	.00011	.1997	.19471
%RSD	109.02	275.3	130.65	14.206	323.79

#1	-.00039	.0006	.00016	1.2645	.19782
#2	-.00301	-.0020	.00001	1.5469	-.07755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3676.8	46606.	4533.1	105.05	4230.5
Stddev	4.2	33.	18.4	1.30	2.6
%RSD	.11422	.07140	.40642	1.2392	.06221

#1	3673.8	46630.	4520.1	105.97	4228.6
#2	3679.7	46583.	4546.1	104.13	4232.3

Sample Name: J5770-08 Acquired: 11/27/2018 22:32:06 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00167	.01625	.00720	-.00093	.16206	.13367	.00002
Stddev	.00104	.00028	.00011	.00034	.00146	.01017	.00042	.00002
%RSD	41.011	16.934	.68021	4.7255	156.09	6.2782	.31058	112.17

#1	.00326	-.00147	.01617	.00696	.00010	.15487	.13338	.00000
#2	.00179	-.00187	.01633	.00744	-.00196	.16926	.13397	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	20.050	.00372	.00594	.00924	.28063	.95429	5.4786
Stddev	.00008	.009	.00011	.00005	.00054	.00257	.00082	.0483
%RSD	23.572	.04340	2.9896	.79501	5.8518	.91518	.08642	.88214

#1	.00038	20.044	.00380	.00591	.00886	.28244	.95487	5.4445
#2	.00027	20.056	.00364	.00597	.00962	.27881	.95371	5.5128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00493	-.00007	335.86	.00071	.02925	1.1111	.00048	.00271
Stddev	.00038	.00068	6.07	.00026	.00036	.0146	.00001	.00963
%RSD	7.7784	958.87	1.8082	36.647	1.2365	1.3130	1.8068	355.11

#1	.00465	-.00055	340.16	.00089	.02899	1.1214	.00049	-.00410
#2	.00520	.00041	331.57	.00052	.02950	1.1008	.00048	.00953

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11064	.98630	.00130	.00101	.00689	.0063	.05268	3.7274
Stddev	.00362	.01768	.00016	.00059	.00032	.0004	.00031	.1742
%RSD	3.2681	1.7921	11.957	58.408	4.7028	6.936	.59652	4.6723

#1	.10808	.99880	.00119	.00059	.00712	.0060	.05290	3.6043
#2	.11319	.97380	.00141	.00143	.00666	.0066	.05245	3.8506

Sample Name: J5770-08 Acquired: 11/27/2018 22:32:06 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-112118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .17322
 Stddev .77104
 %RSD 445.12

#1 -.37199
 #2 .71843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.0	43424.	4526.3	101.31	3585.8
Stddev	25.5	.	16.8	.91	37.7
%RSD	.74001	.00037	.37131	.89629	1.0510

#1	3460.0	43424.	4514.4	101.95	3612.5
#2	3424.0	43424.	4538.2	100.66	3559.2

Sample Name: J5774-04 Acquired: 11/27/2018 22:36:15 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00340	.00437	.00646	-.00080	.06625	.22158	-.00004
Stddev	.00231	.00063	.00102	.00283	.00006	.01370	.00162	.00001
%RSD	635.82	18.605	23.363	43.816	7.1564	20.684	.73165	38.206

#1	.00199	-.00385	.00365	.00847	-.00076	.05656	.22272	-.00005
#2	-.00127	-.00296	.00510	.00446	-.00084	.07594	.22043	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	20.122	-.00102	.01048	.00920	.03244	2.7727	5.0920
Stddev	.00001	.061	.00035	.00023	.00005	.00118	.0011	.0638
%RSD	3.5182	.30521	34.009	2.1571	.50195	3.6470	.03911	1.2520

#1	.00021	20.079	-.00077	.01032	.00924	.03160	2.7735	5.0470
#2	.00022	20.166	-.00126	.01064	.00917	.03327	2.7719	5.1371

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	-.00005	317.11	.00138	.02184	1.3006	.00014	.00064
Stddev	.00046	.00038	3.82	.00058	.00010	.0139	.00020	.00767
%RSD	10.648	728.54	1.2036	41.967	.47971	1.0703	146.35	1206.1

#1	.00403	.00022	314.41	.00179	.02192	1.2908	-.00000	-.00479
#2	.00469	-.00032	319.81	.00097	.02177	1.3105	.00028	.00606

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12412	.89924	.00190	.00184	.00810	.0037	.05557	3.9368
Stddev	.00426	.00249	.00082	.00012	.00014	.0007	.00011	.2358
%RSD	3.4322	.27700	42.968	6.4133	1.6683	17.73	.19241	5.9905

#1	.12713	.90100	.00247	.00192	.00820	.0042	.05549	4.1035
#2	.12111	.89747	.00132	.00175	.00801	.0033	.05564	3.7700

Sample Name: J5774-04 Acquired: 11/27/2018 22:36:15 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-112118 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.06956
Stddev	.19438
%RSD	279.45

#1	.20701
#2	-.06789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.6	43580.	4485.2	101.40	3601.0
Stddev	2.0	158.	18.8	.07	2.9
%RSD	.05800	.36192	.41907	.07290	.08031

#1	3447.2	43469.	4498.5	101.35	3603.0
#2	3450.0	43692.	4471.9	101.45	3598.9

Sample Name: J5774-06 Acquired: 11/27/2018 22:40:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	-.00267	.00469	.00947	-.00089	.18256	.09822	.00003
Stddev	.00009	.00040	.00066	.00073	.00037	.00654	.00043	.00003
%RSD	7.4033	14.854	13.981	7.7107	41.671	3.5802	.44123	95.247

#1	.00121	-.00239	.00516	.00998	-.00063	.18718	.09853	.00001
#2	.00135	-.00295	.00423	.00895	-.00115	.17794	.09792	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	33.524	.00051	.00763	.00373	.03700	.74212	3.1512
Stddev	.00000	.068	.00024	.00020	.00010	.00666	.00154	.1373
%RSD	.22623	.20172	47.353	2.5585	2.5488	18.011	.20786	4.3565

#1	.00016	33.476	.00068	.00749	.00366	.03229	.74103	3.2483
#2	.00016	33.572	.00034	.00776	.00380	.04171	.74321	3.0542

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	-.00045	330.78	.00054	.02848	1.3543	.00008	.00235
Stddev	.00015	.00084	1.59	.00009	.00001	.0056	.00039	.00283
%RSD	2.4612	188.99	.48192	17.393	.02208	.41673	460.21	120.42

#1	.00609	.00015	331.91	.00061	.02848	1.3583	-.00019	.00435
#2	.00588	-.00104	329.66	.00048	.02849	1.3503	.00036	.00035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62393	2.4960	.00146	-.00037	.01211	.0003	.12723	2.9395
Stddev	.00620	.0324	.00004	.00238	.00131	.0010	.00108	.1615
%RSD	.99331	1.2985	2.4823	642.22	10.847	359.6	.85018	5.4939

#1	.61954	2.5189	.00143	.00131	.01118	.0010	.12800	2.8253
#2	.62831	2.4730	.00149	-.00206	.01304	-.0004	.12647	3.0537

Sample Name: J5774-06 Acquired: 11/27/2018 22:40:24 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.38893
Stddev	.14897
%RSD	38.303

#1	.49426
#2	.28359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.3	43495.	4472.3	99.582	3551.9
Stddev	9.0	16.	43.5	.241	15.1
%RSD	.26277	.03615	.97258	.24207	.42400

#1	3436.7	43506.	4441.5	99.411	3562.5
#2	3423.9	43484.	4503.1	99.752	3541.2

Sample Name: J5774-08 Acquired: 11/27/2018 22:44:34 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00360	.01140	.00584	-.00064	.13057	.12854	-.00013
Stddev	.00052	.00125	.00067	.00097	.00162	.00172	.00032	.00002
%RSD	64.884	34.648	5.8872	16.570	252.49	1.3205	.24982	17.871

#1	.00043	-.00272	.01187	.00515	-.00179	.12935	.12877	-.00012
#2	.00117	-.00449	.01092	.00652	.00050	.13179	.12832	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	34.511	.00142	.00867	.00813	.16833	1.0169	4.4372
Stddev	.00001	.279	.00009	.00005	.00035	.00367	.0025	.0060
%RSD	2.8116	.80787	6.5981	.52284	4.3619	2.1810	.24340	.13636

#1	.00018	34.314	.00148	.00871	.00838	.16573	1.0187	4.4329
#2	.00018	34.708	.00135	.00864	.00788	.17093	1.0152	4.4415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	-.00040	340.55	.00052	.03330	1.6359	.00012	.00002
Stddev	.00017	.00016	5.29	.00018	.00066	.0010	.00006	.00886
%RSD	3.3507	39.533	1.5548	34.609	1.9948	.06219	51.993	39209.

#1	.00530	-.00029	336.80	.00039	.03283	1.6352	.00017	.00629
#2	.00506	-.00051	344.29	.00065	.03377	1.6366	.00008	-.00624

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17541	1.2732	.00190	.00155	.01016	.0026	.12012	3.6944
Stddev	.00326	.0151	.00013	.00301	.00027	.0010	.00041	.0159
%RSD	1.8599	1.1851	7.0722	194.47	2.6204	37.68	.34542	.42981

#1	.17310	1.2625	.00180	.00367	.00997	.0033	.12042	3.7056
#2	.17772	1.2838	.00199	-.00058	.01035	.0019	.11983	3.6831

Sample Name: J5774-08 Acquired: 11/27/2018 22:44:34 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-112118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .62610
 %RSD 435.14

#1 .29884
 #2 -.58660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.6	43400.	4469.8	98.908	3572.2
Stddev	29.0	128.	15.8	1.075	27.9
%RSD	.83942	.29577	.35314	1.0870	.78179

#1	3431.1	43309.	4480.9	99.668	3552.5
#2	3472.1	43491.	4458.6	98.148	3592.0

Sample Name: J6028-05 Acquired: 11/27/2018 22:48:43 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00242	.00815	.00627	-.00154	-.05369	.15388	-.00015
Stddev	.00313	.00092	.00022	.00279	.00164	.00333	.00007	.00005
%RSD	298.22	38.012	2.6543	44.454	106.36	6.2057	.04727	34.154

#1	-.00117	-.00177	.00799	.00430	-.00038	-.05133	.15383	-.00019
#2	.00327	-.00307	.00830	.00824	-.00270	-.05605	.15393	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	157.50	.00061	.00448	.00222	.09232	.39984	3.9207
Stddev	.00004	1.38	.00036	.00007	.00100	.01253	.02108	.0145
%RSD	17.923	.87802	58.993	1.6686	45.293	13.567	5.2733	.37084

#1	.00025	156.52	.00086	.00453	.00292	.10118	.41475	3.9310
#2	.00020	158.48	.00035	.00443	.00151	.08346	.38493	3.9104

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02656	-.00052	306.04	.00143	.23812	3.5803	.00089	.00859
Stddev	.00032	.00022	.06	.00052	.00467	.0196	.00016	.00160
%RSD	1.1918	42.148	.01920	36.436	1.9595	.54715	17.513	18.656

#1	.02678	-.00037	306.00	.00180	.23482	3.5665	.00101	.00973
#2	.02634	-.00068	306.08	.00106	.24142	3.5942	.00078	.00746

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5070	4.4638	.00130	-.00258	.01693	.0082	.46658	2.8746
Stddev	.0175	.0146	.00005	.00159	.00041	.0012	.00089	1.5422
%RSD	.69743	.32621	3.4922	61.625	2.4290	14.90	.19090	53.651

#1	2.5193	4.4535	.00133	-.00370	.01664	.0073	.46721	3.9651
#2	2.4946	4.4741	.00127	-.00145	.01723	.0090	.46595	1.7841

Sample Name: J6028-05 Acquired: 11/27/2018 22:48:43 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .12967
 Stddev .55108
 %RSD 425.00

#1 -.26001
 #2 .51934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.6	44831.	4447.2	98.463	3570.5
Stddev	5.7	2182.	22.2	1.655	11.8
%RSD	.16671	4.8667	.49976	1.6807	.33054

#1	3411.5	43288.	4462.9	99.633	3562.2
#2	3419.6	46374.	4431.5	97.293	3578.9

Sample Name: J6028-07 Acquired: 11/27/2018 22:52:51 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	-.00384	.00498	.00653	-.00003	-.04888	.14565	-.00007
Stddev	.00063	.00014	.00067	.00245	.00069	.01070	.00057	.00004
%RSD	22.480	3.7000	13.364	37.471	2422.3	21.883	.38802	56.300

#1	.00326	-.00395	.00546	.00826	-.00052	-.05644	.14605	-.00010
#2	.00237	-.00374	.00451	.00480	.00046	-.04131	.14525	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	157.70	.00675	.00462	.00147	.02748	.77533	3.1578
Stddev	.00005	1.01	.00036	.00008	.00028	.00179	.00247	.0029
%RSD	20.457	.64222	5.2822	1.7670	19.138	6.5051	.31841	.09269

#1	.00020	158.42	.00701	.00456	.00127	.02622	.77708	3.1598
#2	.00027	156.98	.00650	.00468	.00166	.02875	.77359	3.1557

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00946	-.00066	337.09	.00160	.14821	4.5562	.00126	.00063
Stddev	.00037	.00025	2.63	.00055	.00104	.0286	.00014	.00333
%RSD	3.9171	37.516	.77946	34.214	.70231	.62759	11.353	525.52

#1	.00972	-.00083	338.95	.00199	.14747	4.5764	.00136	-.00172
#2	.00920	-.00048	335.23	.00122	.14895	4.5359	.00116	.00299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2564	5.8337	.00064	-.00248	.01583	.0115	.38379	3.1928
Stddev	.0076	.0452	.00045	.00164	.00099	.0008	.00029	.2286
%RSD	.23321	.77572	70.371	66.359	6.2658	7.102	.07445	7.1588

#1	3.2511	5.8657	.00096	-.00364	.01653	.0120	.38359	3.3544
#2	3.2618	5.8017	.00032	-.00131	.01513	.0109	.38400	3.0312

Sample Name: J6028-07 Acquired: 11/27/2018 22:52:51 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .12669
%RSD 56.236

#1 -.31486
#2 -.13569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.6	43544.	4500.1	99.499	3569.5
Stddev	22.1	260.	38.8	.850	16.5
%RSD	.64866	.59822	.86283	.85415	.46090

#1	3430.3	43360.	4472.6	100.10	3581.2
#2	3399.0	43729.	4527.5	98.898	3557.9

Sample Name: J6028-09 Acquired: 11/27/2018 22:56:59 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00457	.00347	.00627	-.00176	-.03578	.11154	-.00011
Stddev	.00021	.00090	.00019	.00152	.00179	.01216	.00109	.00010
%RSD	23.583	19.796	5.4153	24.303	101.56	33.977	.97368	86.453

#1	-.00075	-.00521	.00334	.00734	-.00303	-.02718	.11077	-.00004
#2	-.00105	-.00393	.00361	.00519	-.00050	-.04437	.11231	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	140.56	.00010	.00247	.00235	-.01664	.60271	2.9548
Stddev	.00000	.75	.00001	.00044	.00008	.00254	.00057	.0148
%RSD	2.0729	.53243	4.9169	17.745	3.4756	15.272	.09419	.50218

#1	.00019	141.09	.00010	.00216	.00229	-.01485	.60231	2.9443
#2	.00018	140.03	.00011	.00278	.00241	-.01844	.60311	2.9652

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00102	285.49	.00161	.05079	3.9487	.00159	.01145
Stddev	.00024	.00023	1.93	.00004	.00084	.0139	.00022	.00594
%RSD	7.6558	22.349	.67610	2.6438	1.6523	.35150	13.552	51.904

#1	.00330	-.00118	286.85	.00164	.05139	3.9389	.00175	.01565
#2	.00296	-.00086	284.12	.00158	.05020	3.9585	.00144	.00725

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2240	5.1713	.00036	-.00144	.01407	.0186	.33251	3.6794
Stddev	.0045	.0365	.00025	.00246	.00087	.0017	.00060	.5128
%RSD	.13932	.70635	70.059	170.58	6.1586	9.091	.18125	13.937

#1	3.2209	5.1971	.00018	.00030	.01346	.0198	.33294	4.0420
#2	3.2272	5.1454	.00054	-.00318	.01468	.0174	.33208	3.3168

Sample Name: J6028-09 Acquired: 11/27/2018 22:56:59 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .19366
 %RSD 30.572

#1 -.49652
 #2 -.77039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.8	43362.	4475.4	101.24	3583.8
Stddev	9.8	194.	23.5	1.80	7.2
%RSD	.28739	.44740	.52619	1.7742	.20196

#1	3403.8	43225.	4458.7	99.966	3578.6
#2	3417.7	43499.	4492.0	102.51	3588.9

Sample Name: J6044-01 Acquired: 11/27/2018 23:01:08 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06964	-.03600	.00108	.06843	.00520	.05945	-.00507	.00006
Stddev	.00028	.00018	.00015	.00141	.00125	.00745	.00010	.00001
%RSD	.40364	.49164	13.930	2.0551	24.059	12.524	1.9739	16.996

#1	.06944	-.03613	.00097	.06743	.00432	.06471	-.00514	.00007
#2	.06984	-.03588	.00119	.06942	.00609	.05418	-.00500	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.83285	.00296	.00184	.01010	4.3283	.11130	.19016
Stddev	.00002	.00227	.00035	.00004	.00015	.0618	.00031	.00048
%RSD	8.9619	.27207	11.952	2.0382	1.5260	1.4277	.27936	.25132

#1	-.00021	.83445	.00321	.00181	.01021	4.2846	.11152	.19050
#2	-.00024	.83124	.00271	.00186	.00999	4.3720	.11108	.18982

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	-.00038	12.262	.00074	.08727	788.92	.00140	.08162
Stddev	.00023	.00037	.085	.00014	.00131	1.81	.00008	.01351
%RSD	5.6331	96.101	.68930	18.240	1.4976	.22915	5.5665	16.553

#1	.00391	-.00012	12.202	.00065	.08635	787.64	.00134	.09117
#2	.00424	-.00064	12.321	.00084	.08819	790.20	.00145	.07207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7787	.41360	.03300	.00011	.00470	F 260.9	.00181	4.9641
Stddev	.0281	.00141	.00031	.00056	.00071	.0	.00008	.2214
%RSD	.48620	.34184	.94689	534.17	15.159	.0172	4.6015	4.4595

#1	5.7589	.41260	.03322	-.00029	.00419	260.9	.00187	5.1206
#2	5.7986	.41460	.03278	.00050	.00520	260.9	.00175	4.8075

Sample Name: J6044-01 Acquired: 11/27/2018 23:01:08 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30055 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3039
Stddev .7159
%RSD 54.909

#1 .79763
#2 1.8101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.6	41516.	4681.9	104.84	3615.5
Stddev	2.4	175.	21.1	1.38	1.8
%RSD	.07416	.42169	.44983	1.3165	.04885

#1	3174.3	41640.	4696.8	105.82	3614.2
#2	3170.9	41392.	4667.0	103.87	3616.7

Sample Name: J6044-02 Acquired: 11/27/2018 23:05:16 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30107 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00274	.00268	.00526	-.00052	.03686	.10805	-.00009
Stddev	.00082	.00078	.00019	.00059	.00023	.00694	.00005	.00002
%RSD	48.755	28.417	6.9456	11.276	44.687	18.822	.04447	16.013

#1	-.00227	-.00328	.00255	.00568	-.00068	.03196	.10802	-.00011
#2	-.00111	-.00219	.00282	.00484	-.00036	.04177	.10808	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.6936	.00110	.00017	.00163	.14165	.02911	.93732
Stddev	.00002	.0021	.00003	.00026	.00028	.00110	.00039	.02494
%RSD	133.99	.05719	2.7446	152.79	17.162	.77474	1.3357	2.6610

#1	.00003	3.6921	.00112	.00035	.00143	.14243	.02938	.95496
#2	.00000	3.6951	.00108	-.00001	.00183	.14087	.02883	.91969

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00065	292.41	.00083	.16660	.88325	.00011	.00824
Stddev	.00006	.00029	.19	.00020	.00314	.02075	.00031	.01032
%RSD	1.8100	44.872	.06496	24.679	1.8820	2.3496	285.33	125.25

#1	.00329	-.00044	292.54	.00068	.16882	.86858	.00033	.01554
#2	.00338	-.00085	292.27	.00097	.16439	.89793	-.00011	.00094

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23818	.12717	.00123	.00067	.00858	.0394	.00952	3.0263
Stddev	.00260	.00084	.00062	.00048	.00155	.0020	.00009	.6222
%RSD	1.0934	.66129	50.651	71.283	18.021	5.130	.92613	20.559

#1	.24002	.12777	.00167	.00100	.00749	.0408	.00946	3.4662
#2	.23634	.12658	.00079	.00033	.00968	.0380	.00959	2.5863

Sample Name: J6044-02 Acquired: 11/27/2018 23:05:16 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30107 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .90940
Stddev .26307
%RSD 28.928

#1 1.0954
#2 .72338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.6	43856.	4545.5	102.28	3705.9
Stddev	6.5	386.	45.5	2.78	7.9
%RSD	.18476	.88001	1.0003	2.7135	.21251

#1	3505.0	43584.	4513.4	100.32	3711.5
#2	3514.1	44129.	4577.7	104.24	3700.3

Sample Name: J6012-01DL2X200 Acquired: 11/27/2018 23:09:26 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00005	.20947	.00218	-.00614	.26154	.01732	-.00002
Stddev	.00200	.00093	.00012	.00182	.00170	.01178	.00070	.00002
%RSD	376.51	1914.4	.05797	83.505	27.640	4.5043	4.0672	106.88

#1	-.00088	.00070	.20956	.00089	-.00734	.25321	.01682	-.00001
#2	.00194	-.00061	.20939	.00347	-.00494	.26987	.01781	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	.49538	.05947	.00659	4.2652	5.8098	.05933	.17067
Stddev	.00007	.00074	.00000	.00012	.0259	.1010	.00082	.03386
%RSD	2.4261	.14948	.00076	1.7570	.60730	1.7389	1.3738	19.840

#1	.00305	.49486	.05947	.00651	4.2835	5.8812	.05875	.19461
#2	.00295	.49590	.05947	.00667	4.2469	5.7383	.05990	.14673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.250	.00098	5.8476	.00057	4.2585	.77170	-.00016	.31657
Stddev	.007	.00025	.0090	.00012	.0041	.02083	.00009	.00765
%RSD	.07159	25.705	.15343	21.488	.09583	2.6995	60.303	2.4169

#1	10.255	.00116	5.8412	.00065	4.2614	.75697	-.00022	.32198
#2	10.244	.00080	5.8539	.00048	4.2556	.78643	-.00009	.31116

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7214	.02454	.03168	.00553	.00704	.7741	-.00308	.68395
Stddev	.0260	.00067	.00095	.00133	.00189	.0062	.00011	.30879
%RSD	.54990	2.7483	3.0044	24.017	26.847	.7962	3.7251	45.148

#1	4.7030	.02407	.03101	.00459	.00838	.7697	-.00316	.90229
#2	4.7397	.02502	.03236	.00647	.00570	.7784	-.00300	.46560

Sample Name: J6012-01DL2X200 Acquired: 11/27/2018 23:09:26 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-18 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2706
 Stddev .9772
 %RSD 43.037

#1 1.5796
 #2 2.9616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3727.3	47028.	4633.1	104.36	4068.9
Stddev	18.1	157.	63.8	.14	2.3
%RSD	.48592	.33287	1.3781	.13255	.05686

#1	3714.5	47139.	4678.2	104.26	4067.3
#2	3740.1	46917.	4587.9	104.46	4070.6

Sample Name: CCV12 Acquired: 11/27/2018 23:13:27 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9742	4.8721	4.8445	4.8580	4.8154	9.3639	10.392	.24140
Stddev	.0239	.0024	.0029	.0085	.0243	.0619	.142	.00064
%RSD	.48099	.05007	.06079	.17418	.50465	.66155	1.3641	.26339
#1	4.9911	4.8738	4.8465	4.8640	4.8326	9.3201	10.292	.24095
#2	4.9572	4.8704	4.8424	4.8521	4.7982	9.4077	10.492	.24185
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3925	25.331	.99395	2.3787	1.2416	4.9967	2.5013	24.997
Stddev	.0024	.365	.00474	.0013	.0049	.0558	.0135	.152
%RSD	.10177	1.4419	.47679	.05455	.39274	1.1163	.53773	.60935
#1	2.3942	25.073	.99060	2.3796	1.2451	4.9573	2.4918	24.889
#2	2.3908	25.589	.99730	2.3778	1.2382	5.0362	2.5108	25.105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4300	1.2459	24.957	2.5216	2.6031	26.518	5.0436	4.8228
Stddev	.0070	.0004	.302	.0143	.0593	.356	.0166	.0211
%RSD	.28775	.03633	1.2108	.56507	2.2768	1.3416	.32833	.43850
#1	2.4350	1.2456	24.744	2.5116	2.5612	26.267	5.0553	4.8078
#2	2.4251	1.2462	25.171	2.5317	2.6450	26.770	5.0319	4.8377
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7806	5.2134	4.9006	4.9382	4.9886	4.999	5.0457	F 3.0170
Stddev	.0081	.0790	.0067	.0184	.0742	.009	.0674	.3060
%RSD	.16873	1.5152	.13588	.37325	1.4882	.1722	1.3349	10.143
#1	4.7863	5.1575	4.9053	4.9252	4.9361	5.005	4.9981	2.8006
#2	4.7749	5.2692	4.8959	4.9512	5.0411	4.993	5.0934	3.2333

Sample Name: CCV12 Acquired: 11/27/2018 23:13:27 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8877
Stddev .3121
%RSD 10.808

#1 3.1084
#2 2.6670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.4	45355.	4522.4	99.602	3651.8
Stddev	11.3	227.	60.1	2.286	3.6
%RSD	.31692	.50068	1.3285	2.2952	.09800

#1	3546.5	45516.	4564.9	101.22	3649.3
#2	3562.4	45194.	4479.9	97.986	3654.3

Sample Name: CCB12 Acquired: 11/27/2018 23:17:13 Type: Unk
Method: P4-ICP2(v2606) 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	.00059	.00044	-.00009	.00310	-.00038	.00115	.00105
Stddev	.00114	.00015	.00002	.00026	.00111	.00744	.00149
%RSD	193.19	32.828	21.733	8.5168	294.82	649.26	142.15

#1	.00140	.00034	-.00011	.00291	.00041	.00641	-.00001
#2	-.00022	.00055	-.00008	.00329	-.00116	-.00412	.00210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00001	-.00821	-.00003	-.00012	-.00011	.00662
Stddev	.00003	.00004	.02394	.00016	.00011	.00015	.00034
%RSD	42.366	587.51	291.49	491.52	92.643	144.50	5.0962

#1	-.00010	.00004	.00871	-.00014	-.00004	.00000	.00638
#2	-.00005	-.00002	-.02514	.00008	-.00020	-.00021	.00685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.02392	.00060	-.00034	-.21181	.00015	-.00068
Stddev	.00000	.04476	.00001	.00010	.00086	.00047	.00009
%RSD	1.8678	187.15	2.3751	29.878	.40769	308.76	13.374

#1	-.00020	.05557	.00059	-.00027	-.21242	.00049	-.00061
#2	-.00019	-.00773	.00061	-.00042	-.21120	-.00018	-.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01448	.00060	-.01354	F -.01780	-.00165	-.00027	.00068
Stddev	.00754	.00006	.00973	.00090	.00137	.00056	.00111
%RSD	52.055	10.584	71.876	5.0598	82.784	205.43	163.94

#1	-.00915	.00065	-.02042	-.01716	-.00068	.00012	.00146
#2	-.01981	.00056	-.00666	-.01843	-.00262	-.00067	-.00011

Sample Name: CCB12 Acquired: 11/27/2018 23:17:13 Type: Unk
Method: P4-ICP2(v2606) 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	-.00371	-.0003	-.00002	F .91166	F<.00000
Stddev	.00166	.0003	.00004	.23528	.34150
%RSD	44.749	100.7	174.27	25.808	226.72

#1	-.00253	-.0001	.00001	.74529	-.39211
#2	-.00488	-.0006	-.00005	1.0780	.09085

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.8	46773.	4569.5	104.58	4243.3
Stddev	5.9	12.	26.1	4.03	21.6
%RSD	.15982	.02571	.57073	3.8524	.50790

#1	3704.0	46782.	4551.0	101.73	4258.6
#2	3695.6	46765.	4587.9	107.43	4228.1

Sample Name: J6012-03DL2X200 Acquired: 11/27/2018 23:21:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00099	5.9492	.00335	.33222	.34603	.00309	-.00006
Stddev	.00005	.00107	.0132	.00068	.00280	.02725	.00022	.00003
%RSD	402.99	108.33	.22102	20.344	.84202	7.8743	7.0632	56.314

#1	.00005	.00023	5.9585	.00287	.33420	.32676	.00293	-.00004
#2	-.00002	.00175	5.9399	.00383	.33024	.36530	.00324	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.11767	.69361	.00464	1.8821	2.9515	.01306	.02651
Stddev	.00004	.00163	.01663	.00002	.0024	.0276	.00031	.05593
%RSD	2.6564	1.3876	2.3978	.47237	.12701	.93382	2.3483	210.98

#1	-.00161	.11651	.68185	.00465	1.8838	2.9710	.01284	-.01304
#2	-.00167	.11882	.70537	.00462	1.8804	2.9320	.01327	.06606

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.902	.00112	2.0390	.00168	5.1366	3.1118	-.00017	.32204
Stddev	.016	.00006	.0016	.00054	.0108	.0344	.00007	.00819
%RSD	.11311	5.0437	.08044	32.303	.21099	1.1064	41.862	2.5424

#1	13.913	.00116	2.0401	.00130	5.1442	3.0875	-.00022	.31625
#2	13.890	.00108	2.0378	.00206	5.1289	3.1362	-.00012	.32783

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0521	.01877	.02681	.00534	.00324	.1657	-.00147	1.1226
Stddev	.0084	.00130	.00073	.00083	.00029	.0026	.00005	.8335
%RSD	.16579	6.9083	2.7273	15.447	8.9752	1.594	3.2065	74.247

#1	5.0461	.01785	.02733	.00593	.00304	.1676	-.00150	.53322
#2	5.0580	.01969	.02629	.00476	.00345	.1639	-.00144	1.7119

Sample Name: J6012-03DL2X200 Acquired: 11/27/2018 23:21:19 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-19 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2314
Stddev	.1072
%RSD	8.7021

#1	1.1556
#2	1.3072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.1	46971.	4562.7	103.31	4050.3
Stddev	10.3	860.	19.9	.31	10.2
%RSD	.27813	1.8311	.43661	.30490	.25172

#1	3682.8	47579.	4576.8	103.08	4043.1
#2	3697.3	46362.	4548.6	103.53	4057.5

Sample Name: J6012-05DL2X200 Acquired: 11/27/2018 23:25:19 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00042	.00836	.00139	-.00724	.00590	.02770	-.00007
Stddev	.00048	.00060	.00094	.00013	.00073	.01534	.00004	.00005
%RSD	30.636	144.89	11.260	9.4119	10.134	260.08	.12871	67.667

#1	.00192	-.00084	.00903	.00130	-.00672	.01674	.02772	-.00004
#2	.00124	.00001	.00770	.00148	-.00776	-.00495	.02767	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	.04233	.03441	.00751	3.1858	.15701	.00388	.05993
Stddev	.00004	.01861	.00018	.00025	.0029	.00112	.00002	.00378
%RSD	3.3733	43.965	.50886	3.3113	.09184	.71242	.57699	6.3024

#1	-.00121	.02917	.03453	.00769	3.1879	.15781	.00390	.05726
#2	-.00115	.05548	.03428	.00734	3.1837	.15622	.00387	.06260

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.620	-.00057	6.6297	.00051	.02150	.15849	.00103	1.5406
Stddev	.068	.00033	.1137	.00024	.00049	.00276	.00014	.0019
%RSD	.63633	57.812	1.7145	46.272	2.2900	1.7433	13.669	.12137

#1	10.572	-.00081	6.5493	.00035	.02115	.15653	.00113	1.5393
#2	10.668	-.00034	6.7101	.00068	.02185	.16044	.00093	1.5420

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05671	.00570	.00038	.00420	.00346	1.495	.00040	.96720
Stddev	.00168	.00001	.00028	.00025	.00062	.016	.00006	.02511
%RSD	2.9677	.22533	73.473	5.9056	17.996	1.083	16.066	2.5957

#1	.05552	.00571	.00058	.00437	.00302	1.483	.00035	.98495
#2	.05790	.00569	.00018	.00402	.00390	1.506	.00044	.94944

Sample Name: J6012-05DL2X200 Acquired: 11/27/2018 23:25:19 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-20 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .51450
 %RSD 371.83

#1 -.50217
 #2 .22544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3672.2	46486.	4578.2	104.35	4065.8
Stddev	6.0	201.	68.2	.96	23.5
%RSD	.16309	.43174	1.4897	.91880	.57885

#1	3667.9	46345.	4626.5	105.03	4082.4
#2	3676.4	46628.	4530.0	103.67	4049.1

Sample Name: J6012-07DL2X200 Acquired: 11/27/2018 23:29:22 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00069	.00702	.00288	-.01843	.27628	.00560	-.00007
Stddev	.00062	.00024	.00037	.00016	.00173	.00091	.00033	.00002
%RSD	46.187	34.248	5.2427	5.6039	9.3627	.32959	5.9102	34.200

#1	-.00178	-.00086	.00728	.00300	-.01965	.27563	.00583	-.00005
#2	-.00091	-.00053	.00676	.00277	-.01721	.27692	.00536	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.57106	1.9349	.00138	3.0654	2.3774	.02037	.31779
Stddev	.00014	.00960	.0006	.00001	.0099	.0110	.00006	.03135
%RSD	19.675	1.6817	.03014	.82228	.32316	.46172	.28277	9.8657

#1	-.00082	.56427	1.9345	.00139	3.0584	2.3852	.02041	.29562
#2	-.00062	.57785	1.9353	.00137	3.0725	2.3696	.02033	.33996

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1889	-.00018	.56349	.00326	.09204	1.5268	.00022	.54931
Stddev	.0083	.00038	.01441	.00007	.00017	.0183	.00004	.01366
%RSD	.13381	209.76	2.5579	2.0943	.17930	1.1956	19.668	2.4868

#1	6.1948	.00009	.55329	.00321	.09193	1.5397	.00025	.53965
#2	6.1831	-.00045	.57368	.00331	.09216	1.5139	.00019	.55897

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80929	.01822	.00145	.00366	.00261	.1375	.00272	.96721
Stddev	.00576	.00019	.00095	.00336	.00041	.0013	.00022	.17878
%RSD	.71165	1.0614	65.642	91.843	15.625	.9726	7.9857	18.484

#1	.81336	.01835	.00078	.00128	.00290	.1384	.00257	.84079
#2	.80522	.01808	.00212	.00604	.00232	.1366	.00287	1.0936

Sample Name: J6012-07DL2X200 Acquired: 11/27/2018 23:29:22 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-21 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0555
Stddev .2271
%RSD 21.515

#1 1.2161
#2 .89492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.3	46825.	4542.9	103.26	4109.9
Stddev	3.8	26.	21.6	.21	13.7
%RSD	.10281	.05524	.47594	.20699	.33330

#1	3704.6	46807.	4527.6	103.11	4100.2
#2	3710.0	46844.	4558.1	103.41	4119.5

Sample Name: J6012-09DL2X200 Acquired: 11/27/2018 23:33:24 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00049	.01570	.00214	-.02027	.12959	.00391	-.00011
Stddev	.00092	.00099	.00117	.00073	.00102	.01019	.00051	.00001
%RSD	44.091	200.62	7.4266	34.370	5.0433	7.8607	13.058	7.0992

#1	-.00143	.00021	.01653	.00162	-.01955	.12239	.00355	-.00011
#2	-.00273	-.00120	.01488	.00265	-.02099	.13679	.00427	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	.14508	1.1680	.00956	6.1711	.66979	.01203	.12544
Stddev	.00002	.01638	.0013	.00006	.0183	.00143	.00012	.05585
%RSD	.81252	11.294	.11123	.67692	.29674	.21328	.99772	44.521

#1	-.00207	.15667	1.1670	.00952	6.1581	.66878	.01194	.08595
#2	-.00205	.13349	1.1689	.00961	6.1840	.67080	.01211	.16492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.312	-.00088	.91775	.00202	.04822	.83656	.00112	.24031
Stddev	.034	.00002	.00004	.00011	.00313	.01854	.00006	.00257
%RSD	.18397	1.8698	.00438	5.4377	6.4897	2.2160	5.0120	1.0678

#1	18.289	-.00089	.91778	.00210	.04601	.84967	.00108	.23849
#2	18.336	-.00087	.91772	.00195	.05043	.82345	.00116	.24212

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49938	.01726	.00051	.00648	.00180	-.0054	.00078	1.1614
Stddev	.00010	.00029	.00038	.00233	.00106	.0018	.00002	.1993
%RSD	.02069	1.6835	74.817	35.879	58.523	33.69	2.4678	17.157

#1	.49931	.01706	.00024	.00484	.00255	-.0042	.00079	1.3023
#2	.49945	.01747	.00078	.00813	.00106	-.0067	.00076	1.0205

Sample Name: J6012-09DL2X200 Acquired: 11/27/2018 23:33:24 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-22 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .10727
 %RSD 29.899

#1 -.28293
 #2 -.43463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.3	46785.	4562.6	104.06	4087.4
Stddev	9.0	122.	7.2	2.14	6.5
%RSD	.24453	.26045	.15787	2.0571	.15952

#1	3694.7	46699.	4557.5	105.57	4092.0
#2	3681.9	46871.	4567.7	102.55	4082.7

Sample Name: J6012-11DL2X200 Acquired: 11/27/2018 23:37:27 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-23 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	-.00132	.00607	.00163	-.00863	.00715	.00147	-.00008
Stddev	.00088	.00083	.00048	.00198	.00022	.01224	.00074	.00001
%RSD	89.024	62.760	7.8707	121.74	2.5260	171.30	50.599	9.4857

#1	.00037	-.00190	.00641	.00303	-.00848	.01580	.00200	-.00008
#2	.00161	-.00073	.00574	.00023	-.00878	-.00151	.00094	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.07834	.44918	.00208	.32597	.94461	.00531	.08330
Stddev	.00003	.01945	.00942	.00033	.00079	.01666	.00009	.02002
%RSD	2.8366	24.828	2.0965	15.986	.24327	1.7633	1.6590	24.039

#1	-.00112	.09209	.45584	.00232	.32541	.93283	.00537	.09746
#2	-.00108	.06458	.44252	.00185	.32653	.95639	.00525	.06914

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4993	-.00098	5.7768	.00112	.04472	.32856	.00018	2.0783
Stddev	.0230	.00019	.0178	.00032	.00006	.02155	.00008	.0046
%RSD	.24161	19.658	.30872	28.152	.12814	6.5579	43.225	.22245

#1	9.4830	-.00112	5.7642	.00134	.04476	.34379	.00012	2.0750
#2	9.5155	-.00085	5.7894	.00090	.04468	.31332	.00023	2.0815

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5188	.01910	-.00029	.00334	.00123	.0192	-.00039	.90110
Stddev	.0050	.00077	.00082	.00226	.00081	.0003	.00006	.46314
%RSD	.11074	4.0305	282.43	67.545	65.351	1.320	15.044	51.397

#1	4.5152	.01964	-.00087	.00494	.00066	.0194	-.00035	1.2286
#2	4.5223	.01855	.00029	.00175	.00180	.0190	-.00043	.57361

Sample Name: J6012-11DL2X200 Acquired: 11/27/2018 23:37:27 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-23 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.19491
Stddev	.18177
%RSD	93.261

#1	.06638
#2	.32344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3694.6	46915.	4567.0	102.43	4079.2
Stddev	10.8	674.	37.7	.46	3.8
%RSD	.29311	1.4357	.82475	.45185	.09196

#1	3702.2	46439.	4540.4	102.76	4081.9
#2	3686.9	47391.	4593.6	102.10	4076.6

Sample Name: J6012-13DL2X200 Acquired: 11/27/2018 23:41:31 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	-.00110	.00862	.00152	-.02203	.07165	.00539	-.00005
Stddev	.00029	.00017	.00027	.00343	.00065	.01397	.00021	.00002
%RSD	10.499	15.172	3.1179	226.07	2.9297	19.491	3.9605	33.045
#1	-.00257	-.00098	.00881	-.00091	-.02158	.08153	.00554	-.00004
#2	-.00298	-.00122	.00843	.00394	-.02249	.06178	.00524	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.13794	F 2.5562	.00314	1.9169	1.1456	.00780	.09220
Stddev	.00008	.00072	.0084	.00019	.0061	.0010	.00004	.02370
%RSD	14.174	.52199	.32973	5.9456	.31646	.09158	.54784	25.707
#1	-.00053	.13845	2.5502	.00328	1.9212	1.1449	.00777	.10896
#2	-.00064	.13743	2.5621	.00301	1.9126	1.1464	.00783	.07544
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5997	-.00036	6.0275	.00303	.16631	1.5362	.00009	.45457
Stddev	.0396	.00003	.0134	.00023	.00067	.0187	.00010	.01411
%RSD	.70678	9.2218	.22209	7.4708	.40465	1.2150	111.14	3.1030
#1	5.6277	-.00038	6.0370	.00319	.16678	1.5494	.00002	.44460
#2	5.5717	-.00033	6.0181	.00287	.16583	1.5230	.00016	.46455
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5977	.06497	.00081	.00266	.00011	.0265	.00029	1.1407
Stddev	.0150	.00126	.00055	.00314	.00066	.0003	.00000	.0751
%RSD	.93775	1.9326	68.027	118.30	595.71	1.155	.56704	6.5865
#1	1.6083	.06586	.00119	.00488	-.00035	.0267	.00029	1.1938
#2	1.5871	.06408	.00042	.00043	.00058	.0263	.00029	1.0875

Sample Name: J6012-13DL2X200 Acquired: 11/27/2018 23:41:31 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-24 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.08294
Stddev	.32265
%RSD	389.02

#1	.31109
#2	-.14521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.0	46520.	4491.2	102.17	4088.1
Stddev	14.5	109.	22.2	.48	31.8
%RSD	.39213	.23393	.49468	.47410	.77682

#1	3689.7	46597.	4475.5	101.83	4065.7
#2	3710.3	46443.	4506.9	102.51	4110.6

Sample Name: J6012-15DL2X200 Acquired: 11/27/2018 23:45:34 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	-.00033	.00750	.00179	-.01077	-.00481	.00298	-.00007
Stddev	.00229	.00011	.00028	.00172	.00042	.00113	.00064	.00011
%RSD	108.84	32.936	3.7001	96.027	3.9254	23.591	21.310	148.09

#1	-.00048	-.00040	.00730	.00300	-.01047	-.00401	.00253	.00000
#2	-.00372	-.00025	.00769	.00057	-.01107	-.00561	.00343	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.42039	1.1777	.00340	2.1055	.81562	.00549	.00347
Stddev	.00006	.00731	.0028	.00026	.0074	.00121	.00009	.03340
%RSD	9.0860	1.7387	.23645	7.5406	.35332	.14878	1.6719	963.59

#1	-.00072	.41522	1.1757	.00359	2.1107	.81476	.00556	-.02015
#2	-.00063	.42556	1.1796	.00322	2.1002	.81648	.00543	.02708

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2936	-.00021	3.9819	.00157	.37182	.39546	.00030	3.0426
Stddev	.0099	.00007	.0119	.00006	.00246	.02403	.00044	.0181
%RSD	.15772	36.033	.29938	3.8395	.66065	6.0757	148.25	.59382

#1	6.3006	-.00026	3.9734	.00153	.37356	.37847	-.00001	3.0298
#2	6.2866	-.00015	3.9903	.00161	.37008	.41245	.00061	3.0554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5240	.01774	.00127	.00271	.00038	.0173	.00079	.68644
Stddev	.0055	.00275	.00032	.00111	.00036	.0017	.00003	.27232
%RSD	.35959	15.486	25.041	41.062	94.796	9.709	3.7337	39.672

#1	1.5279	.01968	.00149	.00350	.00013	.0184	.00081	.49388
#2	1.5202	.01579	.00104	.00192	.00063	.0161	.00077	.87900

Sample Name: J6012-15DL2X200 Acquired: 11/27/2018 23:45:34 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-25 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .30864
%RSD 131.41

#1 -.01663
#2 -.45311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.9	46773.	4551.4	103.53	4097.3
Stddev	20.5	96.	39.2	.71	15.9
%RSD	.55669	.20531	.86048	.68766	.38909

#1	3667.4	46705.	4523.7	103.03	4086.1
#2	3696.4	46841.	4579.1	104.03	4108.6

Sample Name: J6012-17DL2X200 Acquired: 11/27/2018 23:49:37 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00048	.00494	.00301	-.00680	.12985	.00320	.00005
Stddev	.00159	.00066	.00019	.00026	.00026	.00936	.00119	.00008
%RSD	248.69	139.46	3.8498	8.7729	3.8653	7.2119	37.162	161.30

#1	-.00176	-.00095	.00508	.00283	-.00662	.13647	.00404	.00010
#2	.00048	-.00001	.00481	.00320	-.00699	.12323	.00236	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	3.6234	.70331	.00204	2.6643	2.0586	.01512	.44181
Stddev	.00004	.0240	.00141	.00012	.0108	.0085	.00003	.03255
%RSD	12.869	.66188	.20053	5.6830	.40465	.41214	.21545	7.3669

#1	-.00033	3.6404	.70431	.00196	2.6567	2.0646	.01509	.41880
#2	-.00028	3.6065	.70231	.00213	2.6719	2.0527	.01514	.46482

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7805	-.00058	6.3838	.00118	.05033	.83785	-.00004	.12039
Stddev	.0096	.00016	.0421	.00011	.00013	.00754	.00026	.00246
%RSD	.34407	28.038	.66010	9.7172	.26554	.89936	596.19	2.0399

#1	2.7737	-.00047	6.4136	.00109	.05042	.83252	.00014	.12213
#2	2.7873	-.00070	6.3540	.00126	.05023	.84318	-.00023	.11865

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77111	.07877	.00078	-.00041	.00034	.0396	.00347	.89729
Stddev	.00445	.00010	.00033	.00074	.00072	.0012	.00016	.30042
%RSD	.57658	.12462	42.127	181.02	211.56	3.063	4.6175	33.481

#1	.77425	.07870	.00055	-.00093	-.00017	.0405	.00336	1.1097
#2	.76796	.07884	.00101	.00011	.00085	.0387	.00359	.68486

Sample Name: J6012-17DL2X200 Acquired: 11/27/2018 23:49:37 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-26 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .45366
Stddev .25783
%RSD 56.834

#1 .27134
#2 .63597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.9	46568.	4479.6	101.33	4056.6
Stddev	14.6	324.	17.7	.05	2.8
%RSD	.39560	.69515	.39488	.05201	.06981

#1	3690.2	46339.	4467.1	101.37	4058.6
#2	3669.6	46797.	4492.1	101.30	4054.6

Sample Name: J6012-19DL2X200 Acquired: 11/27/2018 23:53:40 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PLATING-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00043	.12006	.00465	-.01110	.52395	.00749	.00006
Stddev	.00102	.00170	.00150	.00101	.00064	.00725	.00002	.00000
%RSD	71.347	399.91	1.2534	21.799	5.7430	1.3843	.22482	8.1512

#1	.00216	-.00078	.11899	.00393	-.01065	.51882	.00748	.00006
#2	.00071	.00163	.12112	.00537	-.01155	.52908	.00750	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00245	.10082	.52341	.00498	.23726	16.913	.05041	.03060
Stddev	.00010	.00184	.00639	.00007	.00024	.075	.00082	.02103
%RSD	3.9077	1.8279	1.2216	1.3658	.10303	.44463	1.6332	68.731

#1	-.00239	.10213	.52793	.00494	.23708	16.860	.05100	.01573
#2	-.00252	.09952	.51889	.00503	.23743	16.966	.04983	.04548

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.966	.00103	1.8581	.00178	.57526	1.3411	.00162	1.6042
Stddev	.000	.00032	.0079	.00011	.00019	.0177	.00006	.0028
%RSD	.00157	30.980	.42500	6.1520	.03251	1.3230	3.9040	.17467

#1	13.966	.00125	1.8525	.00170	.57539	1.3285	.00166	1.6022
#2	13.966	.00080	1.8637	.00185	.57513	1.3536	.00157	1.6062

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7044	.01537	.00312	.00565	-.00063	.0413	-.01701	.75940
Stddev	.0199	.00073	.00004	.00090	.00110	.0024	.00002	.10594
%RSD	.25821	4.7715	1.2396	15.860	174.52	5.729	.11088	13.950

#1	7.6903	.01589	.00310	.00629	-.00141	.0430	-.01700	.83431
#2	7.7184	.01485	.00315	.00502	.00015	.0396	-.01702	.68450

Sample Name: J6012-19DL2X200 Acquired: 11/27/2018 23:53:40 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PLATING-11 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4397
 Stddev .2671
 %RSD 4.1473

#1 6.6286
 #2 6.2509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3706.2	46511.	4509.9	100.13	4057.0
Stddev	30.4	410.	21.1	.37	11.0
%RSD	.81959	.88248	.46866	.37076	.27018

#1	3684.7	46221.	4494.9	99.864	4049.2
#2	3727.7	46802.	4524.8	100.39	4064.7

Sample Name: J6062-03 Acquired: 11/27/2018 23:57:40 Type: Unk
Method: P4-ICP2(v2606) 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	.01564	-.00166	.45817	.01039	.00190	.05455	.61568	.00012
Stddev	.00093	.00066	.00282	.00146	.00148	.00623	.00714	.00000
%RSD	5.9685	39.653	.61588	14.059	77.804	11.415	1.1589	.73683

#1	.01498	-.00213	.45617	.01143	.00086	.05895	.61063	.00012
#2	.01630	-.00120	.46016	.00936	.00295	.05015	.62072	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	34.283	-.00129	.00754	-.01367	29.099	.97265	3.5626
Stddev	.00005	.076	.00004	.00008	.00026	.025	.00199	.0440
%RSD	4.0687	.22118	3.3538	1.0814	1.9054	.08605	.20411	1.2360

#1	-.00129	34.336	-.00132	.00760	-.01349	29.081	.97406	3.5315
#2	-.00137	34.229	-.00126	.00749	-.01386	29.116	.97125	3.5938

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02202	.00220	310.63	.00302	1.0915	1.8200	.00001	.04990
Stddev	.00018	.00035	.75	.00009	.0047	.0004	.00007	.00700
%RSD	.83565	16.143	.24067	3.1210	.43315	.01979	1215.6	14.029

#1	.02189	.00245	310.10	.00296	1.0948	1.8202	.00006	.04495
#2	.02215	.00194	311.16	.00309	1.0882	1.8197	-.00005	.05485

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36231	1.0432	.00159	.00073	.01749	.0275	.11923	2.7464
Stddev	.00165	.0083	.00130	.00064	.00016	.0009	.00003	.4190
%RSD	.45415	.79485	82.072	87.910	.89506	3.417	.02402	15.256

#1	.36347	1.0374	.00251	.00028	.01737	.0269	.11921	3.0427
#2	.36114	1.0491	.00067	.00118	.01760	.0282	.11925	2.4501

Sample Name: J6062-03 Acquired: 11/27/2018 23:57:40 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.463
 Stddev .234
 %RSD 2.2370

#1 10.298
 #2 10.629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.0	44417.	4576.9	103.00	3630.7
Stddev	4.1	207.	6.2	.46	24.6
%RSD	.11696	.46668	.13444	.44433	.67712

#1	3511.9	44270.	4581.2	102.68	3648.1
#2	3506.1	44563.	4572.5	103.33	3613.3

Sample Name: CCV13 Acquired: 11/28/2018 0:01:48 Type: Unk
Method: P4-ICP2(v2606) 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	5.0290	4.8966	4.8801	4.8672	4.8163	9.4204	10.568	.24480
Stddev	.0016	.0067	.0037	.0098	.0008	.0572	.030	.00202
%RSD	.03211	.13746	.07499	.20147	.01650	.60719	.28211	.82316
#1	5.0279	4.8918	4.8775	4.8602	4.8158	9.3800	10.547	.24338
#2	5.0301	4.9013	4.8827	4.8741	4.8169	9.4609	10.589	.24623
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4039	25.282	1.0107	2.3850	1.2483	5.1698	2.5328	25.318
Stddev	.0055	.002	.0067	.0049	.0011	.0129	.0096	.024
%RSD	.22709	.00975	.66091	.20585	.09052	.25019	.37960	.09351
#1	2.4000	25.284	1.0060	2.3816	1.2475	5.1790	2.5260	25.301
#2	2.4077	25.281	1.0154	2.3885	1.2491	5.1607	2.5396	25.335
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4499	1.2726	25.505	2.5637	2.6715	26.916	5.0913	4.8936
Stddev	.0055	.0034	.079	.0120	.0020	.087	.0048	.0117
%RSD	.22419	.26662	.30860	.46676	.07635	.32479	.09514	.23875
#1	2.4460	1.2702	25.449	2.5553	2.6730	26.854	5.0947	4.8853
#2	2.4538	1.2750	25.560	2.5722	2.6701	26.977	5.0879	4.9018
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8243	5.2851	4.9640	4.9953	5.0423	5.019	5.1012	F 2.8096
Stddev	.0001	.0108	.0133	.0040	.0200	.028	.0141	.1065
%RSD	.00151	.20437	.26879	.07930	.39759	.5656	.27734	3.7897
#1	4.8242	5.2775	4.9545	4.9981	5.0281	4.999	5.0912	2.8849
#2	4.8243	5.2928	4.9734	4.9925	5.0565	5.039	5.1112	2.7343

Sample Name: CCV13 Acquired: 11/28/2018 0:01:48 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4839
Stddev .9045
%RSD 36.414

#1 1.8443
#2 3.1234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.0	44897.	4457.8	96.967	3621.9
Stddev	6.0	150.	20.2	.223	3.7
%RSD	.16882	.33359	.45319	.23012	.10215

#1	3530.8	45003.	4472.1	96.809	3624.5
#2	3539.2	44791.	4443.5	97.125	3619.3

Sample Name: CCB13 Acquired: 11/28/2018 0:05:34 Type: Unk
Method: P4-ICP2(v2606) 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	.00083	.00001	.00037	.00258	-.00070	-.01766	.00022
Stddev	.00199	.00029	.00031	.00023	.00201	.00846	.00075
%RSD	240.24	2305.0	81.755	8.9787	287.61	47.888	338.66

#1	-.00058	-.00019	.00016	.00242	.00072	-.01168	.00076
#2	.00223	.00022	.00059	.00275	-.00212	-.02364	-.00031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00003	.02183	.00006	-.00011	.00005	.00997
Stddev	.00005	.00006	.01643	.00001	.00018	.00003	.00733
%RSD	76.299	179.36	75.253	12.935	159.03	64.278	73.561

#1	-.00003	.00008	.03344	.00006	.00001	.00003	.00478
#2	-.00009	-.00001	.01021	.00007	-.00024	.00007	.01516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.01911	.00067	-.00028	-.28420	.00051	-.00068
Stddev	.00004	.01775	.00008	.00021	.00394	.00007	.00008
%RSD	18.836	92.915	11.508	74.624	1.3872	13.371	11.934

#1	-.00019	.03166	.00073	-.00043	-.28699	.00055	-.00062
#2	-.00024	.00655	.00062	-.00013	-.28142	.00046	-.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02503	.00062	-.01894	F -.02347	-.00051	-.00034	.00147
Stddev	.00263	.00004	.00693	.00166	.00041	.00003	.00012
%RSD	10.496	6.8588	36.598	7.0811	79.692	9.9203	8.2203

#1	-.02317	.00059	-.02384	-.02464	-.00080	-.00036	.00138
#2	-.02689	.00065	-.01404	-.02229	-.00022	-.00031	.00155

Sample Name: CCB13 Acquired: 11/28/2018 0:05:34 Type: Unk
 Method: P4-ICP2(v2606) 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	-.00456	.0003	.00010	F 1.3002	F<.00000
Stddev	.00020	.0019	.00014	.4740	.00579
%RSD	4.3675	659.4	147.39	36.458	1.3148

#1	-.00470	-.0011	.00020	1.6354	-.43632
#2	-.00442	.0016	-.00000	.96502	-.44451

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.3	46110.	4457.2	103.55	4205.3
Stddev	3.0	516.	33.8	1.03	4.9
%RSD	.08176	1.1198	.75817	.99947	.11545

#1	3661.5	45744.	4481.1	104.28	4201.8
#2	3657.2	46475.	4433.3	102.82	4208.7

Sample Name: J6062-03DUP Acquired: 11/28/2018 0:09:40 Type: Unk
Method: P4-ICP2(v2606) 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	.01491	-.00050	.45590	.00766	.00337	.06828	.61041	.00013
Stddev	.00286	.00081	.00024	.00186	.00028	.00839	.00033	.00005
%RSD	19.199	163.34	.05367	24.298	8.1625	12.294	.05364	39.060

#1	.01693	.00008	.45572	.00634	.00318	.07422	.61064	.00010
#2	.01288	-.00107	.45607	.00897	.00357	.06235	.61018	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	34.687	-.00034	.00734	-.01389	29.230	.97296	3.6049
Stddev	.00003	.159	.00021	.00005	.00000	.071	.00084	.0131
%RSD	2.4136	.45809	61.075	.66220	.00888	.24388	.08622	.36252

#1	-.00136	34.574	-.00049	.00738	-.01389	29.180	.97356	3.5956
#2	-.00131	34.799	-.00019	.00731	-.01389	29.281	.97237	3.6141

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02184	.00181	306.73	.00295	1.0891	1.8422	.00025	.05494
Stddev	.00033	.00000	1.50	.00022	.0051	.0161	.00029	.00277
%RSD	1.4919	.25800	.49038	7.4304	.46949	.87589	117.09	5.0393

#1	.02161	.00181	307.80	.00310	1.0855	1.8308	.00004	.05689
#2	.02207	.00181	305.67	.00279	1.0927	1.8536	.00045	.05298

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35816	1.0492	.00208	.00070	.01820	.0281	.11938	2.4376
Stddev	.00080	.0104	.00043	.00248	.00018	.0005	.00006	.3815
%RSD	.22397	.99423	20.683	352.87	.99143	1.630	.05419	15.652

#1	.35873	1.0418	.00178	-.00105	.01833	.0278	.11933	2.7074
#2	.35759	1.0566	.00239	.00246	.01808	.0284	.11943	2.1679

Sample Name: J6062-03DUP Acquired: 11/28/2018 0:09:40 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.932
Stddev .558
%RSD 5.1016

#1 10.538
#2 11.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.2	44691.	4614.8	103.52	3652.5
Stddev	13.9	49.	1.5	.23	14.3
%RSD	.39539	.11027	.03316	.22521	.39156

#1	3510.4	44726.	4615.9	103.69	3642.4
#2	3530.0	44656.	4613.7	103.36	3662.7

Sample Name: J6062-03LX5 Acquired: 11/28/2018 0:13:49 Type: Unk
Method: P4-ICP2(v2606) 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	.00310	-.00106	.09463	.00387	-.00011	.00034	.12604	.00001
Stddev	.00068	.00064	.00105	.00193	.00181	.01978	.00097	.00004
%RSD	21.982	59.905	1.1116	49.766	1657.4	5896.5	.76878	640.53

#1	.00262	-.00151	.09537	.00523	-.00139	.01432	.12535	.00004
#2	.00358	-.00061	.09389	.00251	.00117	-.01365	.12672	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	7.0031	-.00036	.00136	-.00313	5.9892	.20119	.80703
Stddev	.00002	.1739	.00041	.00015	.00000	.2413	.00015	.00665
%RSD	6.5760	2.4825	113.75	11.105	.11692	4.0292	.07573	.82374

#1	-.00027	6.8802	-.00007	.00147	-.00313	5.8186	.20108	.80233
#2	-.00030	7.1260	-.00066	.00126	-.00313	6.1599	.20129	.81174

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	.00030	64.051	.00085	.23448	.45660	.00005	-.00094
Stddev	.00044	.00041	.448	.00012	.00680	.00675	.00010	.00166
%RSD	11.488	137.03	.69962	13.633	2.8985	1.4784	194.48	176.78

#1	.00414	.00001	64.368	.00093	.22968	.45183	.00012	.00023
#2	.00352	.00059	63.734	.00076	.23929	.46137	-.00002	-.00211

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05381	.22027	.00097	-.00033	.00644	.0046	.02427	1.5878
Stddev	.00090	.00085	.00010	.00044	.00032	.0013	.00007	.2112
%RSD	1.6654	.38374	10.074	132.88	5.0418	27.38	.27590	13.299

#1	.05317	.22087	.00104	-.00064	.00667	.0037	.02432	1.7371
#2	.05444	.21967	.00090	-.00002	.00621	.0055	.02423	1.4385

Sample Name: J6062-03LX5 Acquired: 11/28/2018 0:13:49 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8342
Stddev	.6942
%RSD	37.848

#1	2.3251
#2	1.3433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.7	46119.	4575.1	102.56	3900.8
Stddev	3.5	115.	6.7	2.89	15.3
%RSD	.09476	.25036	.14641	2.8139	.39200

#1	3655.1	46038.	4570.4	104.61	3890.0
#2	3650.2	46201.	4579.8	100.52	3911.6

Sample Name: J6062-03MS Acquired: 11/28/2018 0:17:53 Type: Unk
Method: P4-ICP2(v2606) 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	.80496	1.7941	1.3363	1.9204	.77959	1.9465	.79430	.19297	.18402
Stddev	.00659	.0019	.0053	.0060	.00262	.0187	.00489	.00065	.00060
%RSD	.81856	.10527	.39874	.31110	.33615	.95791	.61517	.33828	.32502

#1	.80962	1.7928	1.3401	1.9247	.78144	1.9333	.79776	.19251	.18445
#2	.80030	1.7954	1.3325	1.9162	.77773	1.9597	.79085	.19343	.18360

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.277	.40342	.19561	.28004	30.558	1.0974	5.3556	.50014	.07542
Stddev	.045	.00064	.00043	.00169	.228	.0004	.0377	.00081	.00022
%RSD	.13376	.15848	.21850	.60229	.74619	.03797	.70491	.16238	.29058

#1	33.245	.40297	.19531	.28124	30.397	1.0971	5.3823	.50071	.07527
#2	33.308	.40388	.19592	.27885	30.719	1.0977	5.3289	.49956	.07558

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	292.96	.31247	1.2266	12.595	.44231	.34555	.31818	1.9456	.69438
Stddev	2.12	.00156	.0015	.005	.00140	.00194	.00339	.0028	.00052
%RSD	.72440	.49819	.12191	.04280	.31662	.56265	1.0666	.14171	.07423

#1	294.46	.31137	1.2276	12.598	.44330	.34693	.32058	1.9476	.69402
#2	291.45	.31357	1.2255	12.591	.44132	.34418	.31578	1.9437	.69474

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20888	.22633	5.949	.30778	2.2319	10.133
Stddev	.00083	.00163	.005	.00203	.2342	.418
%RSD	.39518	.72031	.0809	.65994	10.494	4.1234

#1	.20947	.22518	5.953	.30921	2.3975	10.428
#2	.20830	.22748	5.946	.30634	2.0663	9.8371

Sample Name: J6062-03MS Acquired: 11/28/2018 0:17:53 Type: Unk
Method: P4-ICP2(v2606) 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	3547.4	45219.	4535.3	100.90	3683.5
Stddev	12.1	120.	28.3	.14	5.9
%RSD	.34039	.26432	.62387	.13662	.16032
#1	3538.9	45134.	4515.3	100.80	3679.3
#2	3556.0	45303.	4555.3	100.99	3687.6

Sample Name: J6062-03MSD Acquired: 11/28/2018 0:21:49 Type: Unk
Method: P4-ICP2(v2606) 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	.79284	1.7766	1.3203	1.9011	.76848	1.9769	.78086	.19222	.18217
Stddev	.01122	.0200	.0091	.0127	.00423	.0110	.00100	.00047	.00190
%RSD	1.4148	1.1285	.68616	.66939	.55007	.55483	.12796	.24591	1.0452

#1	.80077	1.7908	1.3267	1.9101	.77147	1.9846	.78157	.19188	.18352
#2	.78491	1.7624	1.3139	1.8921	.76549	1.9691	.78016	.19255	.18083

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.051	.40224	.19290	.27638	29.917	1.0926	5.3186	.49621	.07450
Stddev	.115	.00012	.00101	.00279	.461	.0026	.0506	.00365	.00043
%RSD	.34765	.03047	.52368	1.0081	1.5413	.23712	.95168	.73540	.58337

#1	32.970	.40215	.19361	.27835	30.243	1.0908	5.3544	.49880	.07480
#2	33.132	.40233	.19218	.27441	29.591	1.0945	5.2828	.49363	.07419

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	284.53	.31188	1.1878	12.607	.43692	.33926	.31977	1.9219	.68849
Stddev	1.06	.00077	.0226	.004	.00516	.00127	.00017	.0073	.00953
%RSD	.37306	.24581	1.8999	.03545	1.1807	.37535	.05326	.37846	1.3837

#1	283.78	.31134	1.2038	12.603	.44057	.34016	.31965	1.9167	.69523
#2	285.28	.31242	1.1719	12.610	.43328	.33836	.31989	1.9270	.68175

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21035	.22468	5.874	.30270	2.3602	9.8888
Stddev	.00087	.00013	.061	.00016	.1119	.1665
%RSD	.41524	.05811	1.044	.05420	4.7394	1.6841

#1	.20974	.22478	5.917	.30259	2.4393	10.007
#2	.21097	.22459	5.830	.30282	2.2811	9.7710

Sample Name: J6062-03MSD Acquired: 11/28/2018 0:21:49 Type: Unk
Method: P4-ICP2(v2606) 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	3607.2	45416.	4614.0	104.37	3739.5
Stddev	33.5	52.	11.3	1.89	36.6
%RSD	.92884	.11464	.24468	1.8142	.97924
#1	3583.5	45379.	4622.0	103.03	3713.6
#2	3630.9	45453.	4606.0	105.71	3765.4

Sample Name: J6062-03A Acquired: 11/28/2018 0:25:46 Type: Unk
Method: P4-ICP2(v2606) 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	.79053	1.7595	1.3178	1.8812	.76331	1.9386	.78031	.19127	.18159
Stddev	.00120	.0067	.0012	.0017	.00121	.0031	.00442	.00170	.00055
%RSD	.15173	.38387	.09442	.08925	.15915	.15910	.56630	.88954	.30214

#1	.78968	1.7643	1.3187	1.8800	.76245	1.9364	.78344	.19247	.18198
#2	.79138	1.7547	1.3169	1.8824	.76416	1.9408	.77719	.19006	.18120

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.442	.39762	.19253	.27569	29.684	1.0869	5.2433	.49286	.07426
Stddev	.153	.00269	.00005	.00103	.037	.0075	.0178	.00135	.00075
%RSD	.47091	.67766	.02569	.37531	.12589	.68692	.33914	.27476	1.0144

#1	32.334	.39952	.19256	.27642	29.658	1.0922	5.2307	.49382	.07479
#2	32.550	.39571	.19250	.27496	29.710	1.0817	5.2559	.49190	.07372

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	286.81	.31006	1.1948	12.398	.43431	.32219	.31588	1.9248	.68564
Stddev	.18	.00253	.0107	.068	.00029	.00536	.00263	.0160	.00060
%RSD	.06340	.81521	.89152	.54519	.06563	1.6635	.83128	.82903	.08800

#1	286.94	.31185	1.2023	12.350	.43411	.32598	.31774	1.9360	.68521
#2	286.69	.30828	1.1873	12.446	.43451	.31840	.31403	1.9135	.68607

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20469	.22684	5.841	.30135	2.3889	10.417
Stddev	.00169	.00024	.009	.00029	.0534	.575
%RSD	.82513	.10679	.1515	.09718	2.2345	5.5164

#1	.20350	.22667	5.847	.30156	2.4266	10.010
#2	.20589	.22701	5.834	.30114	2.3511	10.823

Sample Name: J6062-03A Acquired: 11/28/2018 0:25:46 Type: Unk
Method: P4-ICP2(v2606) 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	3616.2	45407.	4601.1	103.40	3751.5
Stddev	24.3	208.	32.0	.82	15.3
%RSD	.67227	.45888	.69535	.78904	.40894
#1	3633.4	45260.	4578.5	102.82	3762.3
#2	3599.0	45555.	4623.8	103.98	3740.6

Sample Name: J6064-02 Acquired: 11/28/2018 0:29:47 Type: Unk
Method: P4-ICP2(v2606) 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	-.00040	-.00124	.18353	.00537	.00167	.11406	.12944	-.00001
Stddev	.00323	.00032	.00307	.00271	.00053	.00552	.00056	.00008
%RSD	800.38	26.052	1.6712	50.589	31.504	4.8385	.43028	760.94

#1	-.00269	-.00147	.18570	.00729	.00204	.11796	.12983	.00005
#2	.00188	-.00101	.18136	.00345	.00130	.11015	.12904	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00837	11.039	.00029	.00260	.00677	1.8447	.20940	1.5467
Stddev	.00016	.038	.00018	.00016	.00016	.0230	.00039	.0073
%RSD	1.8671	.34524	59.758	5.9891	2.3866	1.2489	.18664	.47385

#1	.00848	11.066	.00017	.00271	.00688	1.8284	.20968	1.5415
#2	.00826	11.012	.00042	.00249	.00665	1.8610	.20913	1.5519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00719	-.00054	287.33	.00035	2.1444	.82877	-.00041	-.00159
Stddev	.00076	.00019	2.21	.00042	.0054	.03480	.00001	.00406
%RSD	10.519	34.610	.76746	118.46	.25286	4.1988	3.0391	254.64

#1	.00666	-.00067	288.89	.00006	2.1482	.80417	-.00040	-.00446
#2	.00773	-.00040	285.77	.00065	2.1405	.85338	-.00042	.00128

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31235	.40212	.00100	.00154	.00478	.0012	.05754	1.4068
Stddev	.00694	.00433	.00071	.00065	.00190	.0012	.00020	.4507
%RSD	2.2215	1.0759	71.334	42.335	39.773	95.29	.34783	32.038

#1	.31726	.40518	.00151	.00200	.00344	.0021	.05769	1.7255
#2	.30745	.39906	.00050	.00108	.00612	.0004	.05740	1.0881

Sample Name: J6064-02 Acquired: 11/28/2018 0:29:47 Type: Unk
 Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .87203
 Stddev .55056
 %RSD 63.136

#1 1.2613
 #2 .48272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.7	46525.	4668.8	105.38	3835.0
Stddev	65.1	162.	31.5	.35	71.3
%RSD	1.7832	.34810	.67521	.33552	1.8580

#1	3602.7	46411.	4646.5	105.13	3784.6
#2	3694.7	46640.	4691.1	105.63	3885.4

Sample Name: J6065-02 Acquired: 11/28/2018 0:33:56 Type: Unk
 Method: P4-ICP2(v2606) 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	-.00208	-.00307	.03526	.00406	.00042	.10816	.13461	-.00003
Stddev	.00045	.00077	.00050	.00217	.00229	.00527	.00068	.00004
%RSD	21.788	25.003	1.4044	53.473	546.48	4.8681	.50304	143.74

#1	-.00240	-.00361	.03561	.00559	-.00120	.10444	.13509	.00000
#2	-.00176	-.00253	.03491	.00252	.00204	.11189	.13413	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	7.3198	.00093	.00132	.00704	.97772	.17028	.58592
Stddev	.00007	.0333	.00042	.00019	.00046	.03263	.00110	.01304
%RSD	41.647	.45538	45.905	14.470	6.4719	3.3371	.64666	2.2259

#1	.00021	7.3433	.00123	.00146	.00672	1.0008	.16950	.59514
#2	.00011	7.2962	.00063	.00119	.00736	.95465	.17105	.57670

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00414	-.00047	300.66	.00016	.04935	.61543	-.00004	-.00221
Stddev	.00035	.00047	3.09	.00006	.00075	.01547	.00013	.00686
%RSD	8.5768	99.877	1.0285	35.127	1.5147	2.5134	341.41	311.01

#1	.00439	-.00080	302.84	.00020	.04988	.62637	-.00013	.00265
#2	.00389	-.00014	298.47	.00012	.04882	.60449	.00005	-.00706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44716	.52313	.00095	.00279	.00787	.0034	.03657	1.3026
Stddev	.00025	.00596	.00097	.00021	.00117	.0000	.00008	.0181
%RSD	.05637	1.1393	103.01	7.5633	14.887	.8072	.22296	1.3903

#1	.44734	.52734	.00026	.00264	.00705	.0034	.03662	1.3154
#2	.44698	.51892	.00164	.00294	.00870	.0034	.03651	1.2898

Sample Name: J6065-02 Acquired: 11/28/2018 0:33:56 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .74318
Stddev .20804
%RSD 27.994

#1 .59607
#2 .89029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.9	46238.	4688.0	105.38	3787.9
Stddev	6.1	125.	37.0	2.08	4.4
%RSD	.16904	.27090	.78846	1.9702	.11628

#1	3599.2	46150.	4661.8	103.92	3791.0
#2	3590.6	46327.	4714.1	106.85	3784.8

Sample Name: J6064-04 Acquired: 11/28/2018 0:38:06 Type: Unk
Method: P4-ICP2(v2606) 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	.00033	-.00143	.00533	.00535	-.00018	.01197	.04795	-.00011
Stddev	.00116	.00087	.00093	.00013	.00104	.00963	.00016	.00002
%RSD	350.44	60.787	17.519	2.3988	580.98	80.503	.34287	15.980

#1	.00115	-.00081	.00467	.00526	.00055	.01878	.04783	-.00013
#2	-.00049	-.00204	.00599	.00544	-.00091	.00515	.04807	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	10.394	.00063	.00096	.00166	.35709	.26938	1.2568
Stddev	.00004	.023	.00007	.00012	.00013	.00904	.00128	.0049
%RSD	8.4999	.22560	11.478	12.046	7.9587	2.5308	.47379	.38713

#1	.00044	10.377	.00068	.00104	.00175	.36348	.27028	1.2602
#2	.00039	10.410	.00058	.00088	.00156	.35070	.26848	1.2533

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00523	-.00024	8.9832	.00044	.24019	1.4042	.00080	.01236
Stddev	.00018	.00014	.1217	.00020	.00088	.0140	.00022	.00133
%RSD	3.4059	57.598	1.3549	46.113	.36632	.99962	27.809	10.730

#1	.00535	-.00034	8.8972	.00058	.24081	1.4141	.00064	.01142
#2	.00510	-.00015	9.0693	.00029	.23957	1.3943	.00096	.01330

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5050	.72275	-.00135	.00083	.00130	.0044	.05412	<.00000
Stddev	.0072	.00354	.00005	.00126	.00007	.0003	.00027	.28136
%RSD	.16022	.48952	3.4929	150.85	5.0739	5.688	.49829	294.18

#1	4.5101	.72025	-.00131	.00172	.00125	.0046	.05393	.10331
#2	4.4999	.72526	-.00138	-.00006	.00135	.0042	.05431	-.29459

Sample Name: J6064-04 Acquired: 11/28/2018 0:38:06 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .33917
%RSD 118.46

#1 -.04650
#2 -.52616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3765.0	47817.	4667.9	106.08	4183.3
Stddev	3.9	268.	63.8	.18	3.0
%RSD	.10455	.56075	1.3658	.17365	.07183

#1	3767.8	47628.	4713.0	105.95	4185.5
#2	3762.2	48007.	4622.8	106.21	4181.2

Sample Name: J6064-04DUP Acquired: 11/28/2018 0:42:09 Type: Unk
Method: P4-ICP2(v2606) 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	.00146	-.00077	.00506	.00503	-.00098	.00581	.04774	-.00009
Stddev	.00065	.00007	.00033	.00130	.00018	.00597	.00037	.00005
%RSD	44.302	9.1542	6.5442	25.899	18.740	102.80	.76824	49.155

#1	.00192	-.00072	.00529	.00595	-.00111	.01003	.04748	-.00006
#2	.00100	-.00082	.00482	.00411	-.00085	.00159	.04800	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	10.346	.00081	.00115	.00143	.37073	.26833	1.2676
Stddev	.00007	.100	.00021	.00001	.00009	.00571	.00390	.0157
%RSD	21.470	.96913	26.328	1.0419	5.9565	1.5403	1.4550	1.2404

#1	.00030	10.275	.00096	.00114	.00149	.36670	.26557	1.2787
#2	.00040	10.417	.00066	.00115	.00137	.37477	.27109	1.2565

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00557	-.00067	8.9030	.00028	.24261	1.3587	.00064	.01242
Stddev	.00008	.00040	.0350	.00053	.00030	.0209	.00002	.00456
%RSD	1.4824	59.660	.39251	186.29	.12470	1.5414	3.5935	36.677

#1	.00552	-.00039	8.9277	-.00009	.24239	1.3735	.00062	.01565
#2	.00563	-.00095	8.8783	.00065	.24282	1.3439	.00066	.00920

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4776	.72648	-.00158	.00131	.00021	.0049	.05420	.36212
Stddev	.0050	.00288	.00044	.00074	.00126	.0005	.00011	.13296
%RSD	.11157	.39610	27.840	56.510	606.12	10.45	.20267	36.718

#1	4.4812	.72852	-.00127	.00078	-.00068	.0045	.05428	.45614
#2	4.4741	.72445	-.00189	.00183	.00110	.0052	.05413	.26810

Sample Name: J6064-04DUP Acquired: 11/28/2018 0:42:09 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .43757
%RSD 315.07

#1 -.44829
#2 .17053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3759.7	48033.	4690.5	104.89	4201.4
Stddev	27.4	234.	17.6	.27	20.9
%RSD	.72960	.48804	.37553	.25450	.49769

#1	3740.3	48199.	4678.0	104.70	4186.7
#2	3779.0	47867.	4703.0	105.08	4216.2

Sample Name: J6064-04LX5 Acquired: 11/28/2018 0:46:11 Type: Unk
Method: P4-ICP2(v2606) 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	.00095	.00024	.00248	.00378	-.00008	-.00675	.00949	-.00004
Stddev	.00202	.00130	.00062	.00325	.00069	.00295	.00041	.00006
%RSD	213.06	553.39	24.964	86.037	818.79	43.624	4.3091	135.32

#1	.00237	.00116	.00204	.00608	.00040	-.00467	.00920	-.00008
#2	-.00048	-.00069	.00291	.00148	-.00057	-.00884	.00978	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	2.1999	-.00027	-.00010	.00003	.08156	.05751	.28072
Stddev	.00001	.0120	.00026	.00004	.00016	.00148	.00024	.00399
%RSD	4.9602	.54395	97.304	36.886	464.68	1.8113	.42230	1.4225

#1	.00012	2.1914	-.00045	-.00007	-.00008	.08051	.05734	.28354
#2	.00012	2.2083	-.00008	-.00013	.00015	.08260	.05768	.27790

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00024	1.7914	.00028	.05156	.34831	-.00002	-.00873
Stddev	.00002	.00011	.0031	.00022	.00088	.03585	.00029	.00454
%RSD	1.6519	44.854	.17126	80.467	1.7139	10.292	1176.3	52.008

#1	.00122	-.00017	1.7892	.00044	.05219	.37366	-.00023	-.00552
#2	.00119	-.00032	1.7935	.00012	.05094	.32296	.00018	-.01195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95006	.15786	.00010	.00085	.00066	-.0004	.01140	.16205
Stddev	.01351	.00007	.00037	.00048	.00036	.0009	.00008	.14741
%RSD	1.4222	.04455	361.33	55.965	54.770	239.7	.69003	90.963

#1	.95961	.15781	-.00016	.00118	.00091	.0003	.01146	.05782
#2	.94051	.15791	.00037	.00051	.00040	-.0010	.01135	.26628

Sample Name: J6064-04LX5 Acquired: 11/28/2018 0:46:11 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .57668
%RSD 301.07

#1 -.59931
#2 .21623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.3	47609.	4565.8	104.85	4201.6
Stddev	8.9	1.	11.3	1.77	9.1
%RSD	.23793	.00297	.24702	1.6844	.21740

#1	3739.0	47608.	4557.8	103.60	4195.2
#2	3751.6	47610.	4573.8	106.10	4208.1

Sample Name: CCV14 Acquired: 11/28/2018 0:50:16 Type: Unk
Method: P4-ICP2(v2606) 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	5.0303	4.8700	4.8581	4.8459	4.7827	9.3792	10.562	.24583
Stddev	.0017	.0046	.0045	.0055	.0007	.0024	.039	.00064
%RSD	.03404	.09485	.09164	.11384	.01553	.02548	.37375	.26193

#1	5.0291	4.8668	4.8550	4.8498	4.7822	9.3775	10.590	.24537
#2	5.0315	4.8733	4.8613	4.8420	4.7833	9.3809	10.534	.24628

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3846	25.700	1.0111	2.3660	1.2480	5.1116	2.5376	25.578
Stddev	.0027	.122	.0005	.0002	.0011	.0451	.0023	.112
%RSD	.11516	.47534	.04663	.00846	.08878	.88282	.09164	.43857

#1	2.3827	25.787	1.0114	2.3659	1.2472	5.0797	2.5392	25.499
#2	2.3866	25.614	1.0108	2.3661	1.2488	5.1435	2.5359	25.658

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4381	1.2804	25.389	2.5703	2.6667	26.994	5.0963	4.8874
Stddev	.0033	.0035	.013	.0027	.0210	.081	.0073	.0576
%RSD	.13628	.27530	.05194	.10650	.78678	.29961	.14327	1.1780

#1	2.4358	1.2829	25.398	2.5722	2.6518	27.051	5.0912	4.8467
#2	2.4405	1.2779	25.380	2.5684	2.6815	26.937	5.1015	4.9281

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7880	5.3098	4.9450	4.9738	5.0385	4.991	5.0708	F 2.8909
Stddev	.0194	.0015	.0041	.0111	.0120	.011	.0158	.1306
%RSD	.40547	.02889	.08367	.22216	.23767	.2148	.31223	4.5177

#1	4.7743	5.3087	4.9421	4.9816	5.0469	4.984	5.0820	2.9833
#2	4.8018	5.3109	4.9479	4.9659	5.0300	4.999	5.0596	2.7986

Sample Name: CCV14 Acquired: 11/28/2018 0:50:16 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3843
Stddev	.5149
%RSD	21.597

#1	2.7484
#2	2.0202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.8	44701.	4401.4	96.894	3631.8
Stddev	5.6	122.	17.4	.569	2.1
%RSD	.15868	.27322	.39634	.58760	.05681

#1	3522.9	44615.	4389.1	97.296	3630.3
#2	3530.8	44788.	4413.8	96.491	3633.2

Sample Name: CCB14 Acquired: 11/28/2018 0:54:03 Type: Unk
Method: P4-ICP2(v2606) 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	-.00042	.00070	.00017	.00020	-.00046	-.01308	.00105
Stddev	.00036	.00023	.00066	.00252	.00121	.00498	.00123
%RSD	86.149	33.147	400.58	1292.9	264.04	38.038	117.03

#1	-.00016	.00053	-.00030	.00198	-.00132	-.00956	.00193
#2	-.00067	.00086	.00064	-.00159	.00040	-.01660	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00012	.00402	.00029	-.00007	-.00021	.00597
Stddev	.00000	.00004	.00328	.00010	.00038	.00010	.00576
%RSD	70.078	32.128	81.664	35.264	566.63	49.714	96.491

#1	-.00000	.00010	.00170	.00022	.00020	-.00014	.01004
#2	-.00000	.00015	.00634	.00036	-.00034	-.00028	.00190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.01212	.00082	-.00057	-.25005	.00032	-.00062
Stddev	.00001	.02608	.00040	.00014	.00173	.00006	.00009
%RSD	3.6504	215.12	48.661	24.317	.69339	17.692	14.936

#1	-.00025	-.03057	.00054	-.00047	-.24883	.00028	-.00068
#2	-.00024	.00632	.00110	-.00066	-.25128	.00036	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03262	.00073	-.01242	F -.02255	-.00375	-.00015	.00113
Stddev	.01822	.00027	.00909	.00142	.00010	.00023	.00207
%RSD	55.848	37.370	73.152	6.2847	2.5874	150.91	183.64

#1	-.01974	.00093	-.01885	-.02355	-.00368	-.00032	.00259
#2	-.04550	.00054	-.00600	-.02155	-.00382	.00001	-.00034

Sample Name: CCB14 Acquired: 11/28/2018 0:54:03 Type: Unk
 Method: P4-ICP2(v2606) 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	-.00276	.0002	.00006	F .66456	F<.00000
Stddev	.00010	.0013	.00001	.42312	.20506
%RSD	3.6679	714.0	14.330	63.669	62.786

#1	-.00269	.0011	.00006	.36537	-.47160
#2	-.00283	-.0007	.00007	.96375	-.18160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3713.1	46847.	4457.2	102.86	4268.6
Stddev	6.9	409.	5.2	2.09	11.5
%RSD	.18523	.87255	.11667	2.0327	.26972

#1	3718.0	47136.	4460.9	101.38	4276.7
#2	3708.2	46558.	4453.6	104.33	4260.5

Sample Name: J6064-04MS Acquired: 11/28/2018 0:58:09 Type: Unk
Method: P4-ICP2(v2606) 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	.75644	1.8281	.91156	1.7889	.75417	1.8438	.26841	.18458	.17502
Stddev	.00130	.0026	.00219	.0001	.00278	.0110	.00041	.00006	.00034
%RSD	.17185	.14299	.24077	.00856	.36832	.59422	.15445	.03390	.19263

#1	.75552	1.8263	.91001	1.7891	.75613	1.8516	.26870	.18454	.17479
#2	.75736	1.8300	.91312	1.7888	.75220	1.8361	.26812	.18463	.17526

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.749	.40412	.18566	.30523	3.4143	.45568	3.1760	.47023	.07109
Stddev	.008	.00048	.00063	.00056	.0594	.00060	.0445	.00071	.00006
%RSD	.07511	.11754	.33733	.18481	1.7383	.13109	1.4011	.15160	.07987

#1	10.755	.40378	.18522	.30563	3.3724	.45610	3.1445	.46972	.07105
#2	10.743	.40445	.18611	.30483	3.4563	.45526	3.2075	.47073	.07113

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	11.411	.30779	.42789	11.955	.44248	.31199	4.1677	1.6866	.66701
Stddev	.022	.00119	.00785	.013	.00089	.00399	.0061	.0025	.00186
%RSD	.19422	.38596	1.8347	.10830	.20013	1.2803	.14708	.14912	.27834

#1	11.395	.30695	.42234	11.946	.44311	.31481	4.1634	1.6848	.66570
#2	11.427	.30863	.43344	11.964	.44186	.30917	4.1720	1.6884	.66832

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20673	.21000	5.274	.25060	.74147	.26989
Stddev	.00114	.00117	.002	.00169	.19720	.36987
%RSD	.55380	.55603	.0399	.67574	26.596	137.04

#1	.20754	.20918	5.276	.24940	.88091	.00836
#2	.20592	.21083	5.273	.25180	.60202	.53143

Sample Name: J6064-04MS Acquired: 11/28/2018 0:58:09 Type: Unk
Method: P4-ICP2(v2606) 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	3659.7	47010.	4524.1	102.28	4037.0
Stddev	13.4	152.	11.8	1.74	.7
%RSD	.36623	.32426	.26177	1.7050	.01853
#1	3650.2	46903.	4515.8	103.52	4037.5
#2	3669.2	47118.	4532.5	101.05	4036.5

Sample Name: J6064-04MSD Acquired: 11/28/2018 1:02:01 Type: Unk
Method: P4-ICP2(v2606) 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	.76005	1.8391	.91542	1.7948	.75471	1.8399	.26898	.18402	.17586
Stddev	.01143	.0084	.00494	.0209	.00754	.0078	.00121	.00032	.00091
%RSD	1.5034	.45789	.53933	1.1644	.99877	.42376	.45127	.17153	.51820

#1	.75197	1.8332	.91193	1.7800	.74938	1.8344	.26812	.18424	.17521
#2	.76813	1.8451	.91891	1.8096	.76004	1.8454	.26984	.18380	.17650

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.691	.40070	.18593	.30617	3.4609	.45407	3.2069	.47133	.07071
Stddev	.045	.00174	.00131	.00495	.0081	.00019	.0702	.00075	.00007
%RSD	.42009	.43336	.70302	1.6167	.23371	.04214	2.1881	.16010	.09965

#1	10.659	.39947	.18500	.30267	3.4552	.45421	3.2565	.47080	.07066
#2	10.722	.40193	.18685	.30967	3.4666	.45394	3.1573	.47187	.07076

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	11.448	.30665	.43586	11.928	.44493	.30564	4.1794	1.6962	.66945
Stddev	.055	.00126	.00193	.122	.00615	.01252	.0094	.0283	.00268
%RSD	.47804	.41079	.44390	1.0214	1.3816	4.0965	.22367	1.6704	.39978

#1	11.409	.30576	.43449	11.842	.44058	.29679	4.1728	1.7162	.66755
#2	11.487	.30755	.43723	12.015	.44927	.31450	4.1860	1.6761	.67134

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20671	.20962	5.309	.25058	.82031	.17383
Stddev	.00167	.00058	.020	.00025	.08468	.94629
%RSD	.80923	.27703	.3709	.10155	10.323	544.37

#1	.20789	.20921	5.295	.25076	.76042	.84296
#2	.20553	.21003	5.323	.25040	.88019	-.49529

Sample Name: J6064-04MSD Acquired: 11/28/2018 1:02:01 Type: Unk
Method: P4-ICP2(v2606) 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	3658.1	47236.	4532.1	100.89	4042.2
Stddev	45.5	29.	3.8	.32	24.1
%RSD	1.2433	.06112	.08368	.31478	.59507
#1	3690.3	47215.	4529.5	101.11	4059.2
#2	3626.0	47256.	4534.8	100.66	4025.2

Sample Name: J6031-05 Acquired: 11/28/2018 1:05:52 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.00048	.01183	.02275	-.00096	6.3012	.93508	.00093
Stddev	.00118	.00214	.00260	.00050	.00108	.2599	.00133	.00008
%RSD	87.013	450.53	21.982	2.2060	112.40	4.1243	.14263	8.0960
#1	.00052	.00104	.01367	.02311	-.00020	6.1174	.93602	.00088
#2	.00219	-.00199	.00999	.02240	-.00172	6.4850	.93413	.00099
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00525	344.99	.16475	.00480	-.04049	108.41	3.8028	52.147
Stddev	.00011	.14	.00249	.00005	.00158	3.01	.1265	.108
%RSD	2.1862	.04075	1.5090	1.0159	3.9131	2.7749	3.3263	.20677
#1	-.00516	345.09	.16299	.00476	-.03937	106.28	3.7134	52.071
#2	-.00533	344.89	.16650	.00483	-.04161	110.53	3.8923	52.223
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00594	.00915	211.33	.01215	.20620	39.040	.00283	.38153
Stddev	.00030	.00017	.05	.00001	.00473	.104	.00002	.00087
%RSD	5.0751	1.8485	.02223	.07235	2.2946	.26540	.87949	.22858
#1	-.00573	.00903	211.36	.01215	.20285	39.113	.00281	.38215
#2	-.00616	.00927	211.29	.01214	.20955	38.966	.00285	.38091
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 132.89	F 34.305	-.04365	.24215	.13006	2.196	1.6221	3.8807
Stddev	.05	.094	.00085	.00145	.00101	.000	.0081	.9694
%RSD	.03797	.27379	1.9580	.59758	.77331	.0049	.50173	24.978
#1	132.85	34.372	-.04305	.24113	.12935	2.196	1.6279	3.1953
#2	132.92	34.239	-.04426	.24317	.13077	2.196	1.6164	4.5662

Sample Name: J6031-05 Acquired: 11/28/2018 1:05:52 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-03 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	38.811
Stddev	.430
%RSD	1.1075

#1	39.115
#2	38.507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.2	42612.	4404.1	95.658	3385.6
Stddev	16.5	1145.	44.0	1.831	8.3
%RSD	.49146	2.6859	.99869	1.9143	.24585

#1	3340.5	43421.	4373.0	96.953	3379.8
#2	3363.8	41803.	4435.2	94.363	3391.5

Sample Name: J6064-04A Acquired: 11/28/2018 1:09:56 Type: Unk
Method: P4-ICP2(v2606) 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	.75322	1.8275	.91083	1.7726	.74755	1.8760	.26901	.18354
Stddev	.00033	.0074	.00109	.0119	.00085	.0182	.00068	.00045
%RSD	.04400	.40379	.11937	.66924	.11405	.96942	.25136	.24739

#1	.75345	1.8223	.91160	1.7810	.74816	1.8631	.26854	.18386
#2	.75298	1.8327	.91006	1.7643	.74695	1.8889	.26949	.18322

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17491	10.809	.40124	.18430	.30422	3.4355	.45414	3.2394
Stddev	.00024	.048	.00054	.00050	.00106	.0581	.00060	.0519
%RSD	.13779	.44460	.13398	.27265	.34930	1.6907	.13145	1.6014

#1	.17474	10.843	.40162	.18395	.30497	3.3944	.45456	3.2761
#2	.17509	10.775	.40086	.18466	.30347	3.4766	.45372	3.2027

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46880	.07174	11.366	.30596	.42621	11.938	.44020	.30139
Stddev	.00093	.00026	.132	.00034	.00261	.026	.00045	.00285
%RSD	.19824	.35962	1.1636	.11181	.61300	.22051	.10218	.94501

#1	.46815	.07193	11.459	.30620	.42436	11.957	.44052	.30341
#2	.46946	.07156	11.272	.30572	.42806	11.919	.43988	.29938

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1775	1.6663	.66702	.20922	.21072	5.278	.24764	.65830
Stddev	.0070	.0267	.00162	.00006	.00063	.000	.00277	.12474
%RSD	.16751	1.6001	.24326	.03095	.29978	.0072	1.1177	18.949

#1	4.1725	1.6852	.66587	.20927	.21028	5.278	.24960	.57010
#2	4.1824	1.6474	.66817	.20917	.21117	5.278	.24569	.74651

Sample Name: J6064-04A Acquired: 11/28/2018 1:09:56 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .13839
%RSD 60.935

#1 -.32496
#2 -.12925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.0	47332.	4591.5	103.20	4075.5
Stddev	22.1	11.	35.4	.45	15.2
%RSD	.59651	.02267	.77043	.43401	.37347

#1	3684.4	47339.	4566.5	103.52	4064.7
#2	3715.6	47324.	4616.6	102.88	4086.2

Sample Name: CCV15 Acquired: 11/28/2018 1:13:47 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9976	4.8306	4.8167	4.8192	4.7374	9.2809	10.414	.24283
Stddev	.0078	.0294	.0311	.0100	.0027	.0159	.014	.00004
%RSD	.15585	.60803	.64466	.20647	.05722	.17099	.13191	.01685
#1	4.9921	4.8098	4.7947	4.8121	4.7354	9.2696	10.404	.24280
#2	5.0031	4.8514	4.8386	4.8262	4.7393	9.2921	10.424	.24286
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3652	25.039	1.0007	2.3443	1.2367	5.1230	2.5146	25.209
Stddev	.0192	.325	.0014	.0157	.0038	.0817	.0003	.086
%RSD	.81095	1.2982	.13474	.67112	.30846	1.5944	.01188	.34174
#1	2.3516	25.269	1.0017	2.3331	1.2340	5.1807	2.5148	25.270
#2	2.3788	24.809	.99977	2.3554	1.2394	5.0652	2.5144	25.148
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4185	1.2671	25.104	2.5431	2.6576	26.511	5.0560	4.8287
Stddev	.0144	.0011	.005	.0062	.0423	.085	.0110	.0124
%RSD	.59433	.08969	.02178	.24535	1.5908	.32235	.21696	.25657
#1	2.4084	1.2679	25.100	2.5475	2.6875	26.571	5.0483	4.8199
#2	2.4287	1.2663	25.108	2.5387	2.6278	26.450	5.0638	4.8374
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7650	5.2572	4.9156	4.9158	4.9573	4.951	5.0107	F 2.6494
Stddev	.0348	.0295	.0354	.0010	.0011	.031	.0044	.1929
%RSD	.73056	.56103	.71947	.01957	.02270	.6301	.08711	7.2809
#1	4.7404	5.2780	4.8906	4.9151	4.9581	4.929	5.0077	2.5130
#2	4.7896	5.2363	4.9406	4.9165	4.9565	4.973	5.0138	2.7858

Sample Name: CCV15 Acquired: 11/28/2018 1:13:47 Type: Unk
Method: P4-ICP2(v2606) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8403
Stddev .4360
%RSD 15.349

#1 2.5320
#2 3.1485

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.0	45278.	4502.8	97.531	3672.3
Stddev	2.8	65.	33.7	1.761	17.3
%RSD	.07907	.14290	.74761	1.8050	.47239

#1	3569.0	45324.	4479.0	96.286	3684.6
#2	3565.0	45232.	4526.6	98.776	3660.0

Sample Name: CCB15 Acquired: 11/28/2018 1:17:33 Type: Unk
Method: P4-ICP2(v2606) 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	.00110	.00126	.00063	.00216	-.00025	-.00959	.00170
Stddev	.00085	.00041	.00080	.00047	.00120	.00645	.00033
%RSD	77.531	32.480	128.02	21.824	471.99	67.220	19.359

#1	.00171	.00155	.00120	.00249	-.00110	-.01415	.00193
#2	.00050	.00097	.00006	.00182	.00060	-.00503	.00146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00008	-.00259	.00005	-.00017	.00008	.00545
Stddev	.00001	.00007	.02122	.00009	.00005	.00023	.00305
%RSD	16.030	88.580	820.94	162.68	28.752	304.42	55.976

#1	-.00005	.00003	.01242	-.00001	-.00014	.00024	.00329
#2	-.00006	.00012	-.01759	.00011	-.00020	-.00009	.00760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.01302	.00066	-.00037	-.27981	.00044	-.00056
Stddev	.00001	.02988	.00026	.00033	.00992	.00031	.00010
%RSD	5.1445	229.39	40.076	88.857	3.5452	70.085	18.202

#1	-.00023	-.00810	.00085	-.00060	-.28683	.00065	-.00063
#2	-.00024	.03415	.00047	-.00014	-.27280	.00022	-.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03498	.00076	-.01120	F -.02169	-.00231	-.00046	-.00052
Stddev	.02399	.00032	.00663	.00214	.00106	.00014	.00015
%RSD	68.585	41.693	59.181	9.8803	45.652	31.221	29.444

#1	-.01801	.00099	-.01588	-.02018	-.00306	-.00036	-.00062
#2	-.05194	.00054	-.00651	-.02321	-.00157	-.00056	-.00041

Sample Name: CCB15 Acquired: 11/28/2018 1:17:33 Type: Unk
Method: P4-ICP2(v2606) 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	-.00284	-.0006	.00001	F .71427	F<.00000
Stddev	.00066	.0014	.00007	.46548	.23854
%RSD	23.316	225.6	893.60	65.169	2291.8

#1	-.00331	.0004	.00006	1.0434	.15826
#2	-.00237	-.0016	-.00004	.38512	-.17908

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.7	46809.	4522.4	103.57	4255.1
Stddev	24.5	112.	20.7	.23	10.3
%RSD	.66119	.23893	.45848	.22034	.24226

#1	3683.4	46730.	4507.8	103.73	4247.8
#2	3718.0	46888.	4537.1	103.41	4262.3