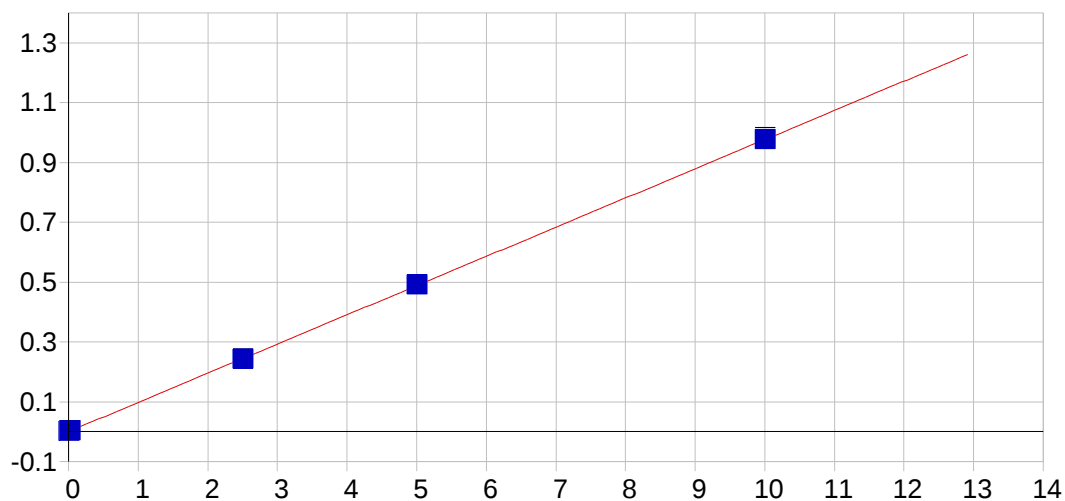


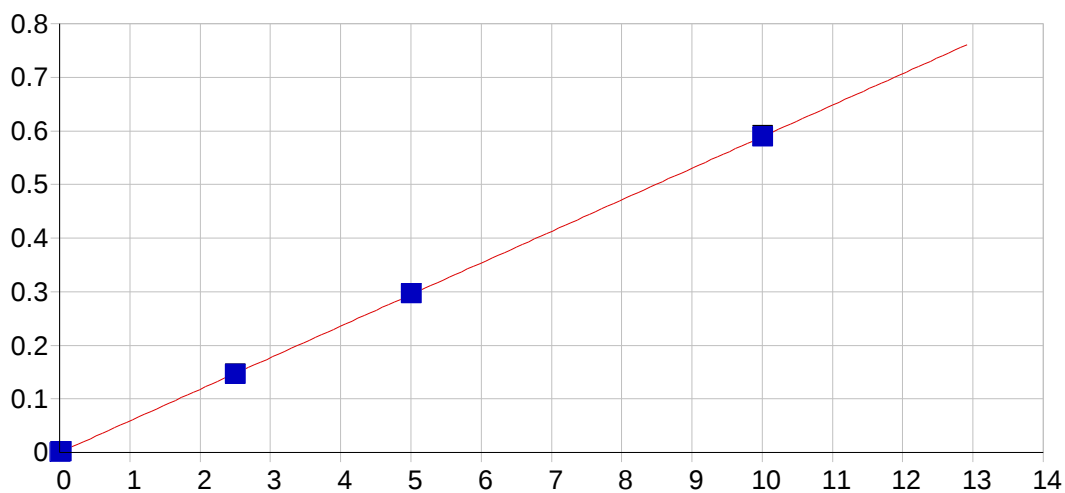


As 189.042 {478}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.097643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.003159
 Predicted MQL: 0.010529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.02000	.01969	-.000	-1.57	.00196	.000	1
S3	2.5000	2.4824	-.018	-.703	.24241	.001	1
S4	5.0000	5.0191	.019	.383	.49009	.001	1
S5	10.000	9.9988	-.001	-.012	.97628	.006	1



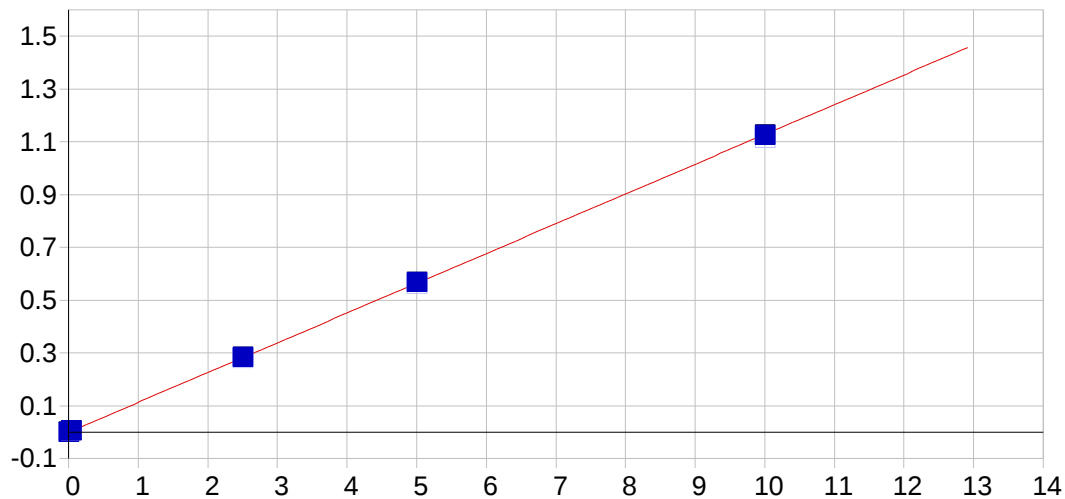
As 189.042 {479}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000105 Re-Slope: 1.000000

A1 (Gain): 0.058897 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.003306
 Predicted MQL: 0.011019

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.02000	.02000	.000	.003	.00128	.000	1
S3	2.5000	2.4749	-.025	-1.00	.14587	.000	1
S4	5.0000	5.0240	.024	.480	.29601	.000	1
S5	10.000	10.001	.001	.011	.58915	.002	1

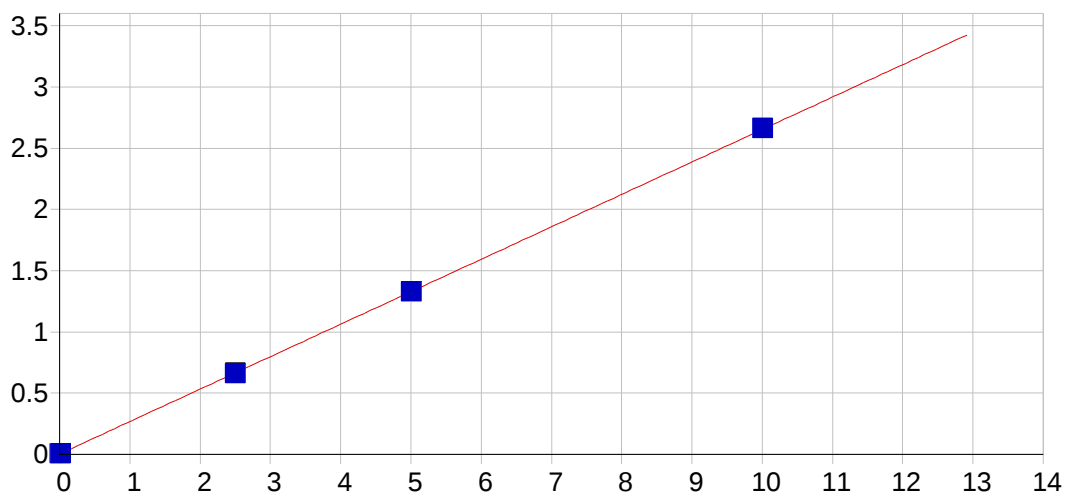


TI 190.856 {477}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.112800 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.001691
 Predicted MQL: 0.005635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00021	.000	1
S1	.04000	.04638	.006	16.0	.00491	.000	1
S3	2.5000	2.5048	.005	.192	.27944	.001	1
S4	5.0000	5.0172	.017	.343	.55994	.000	1
S5	10.000	9.9718	-.028	-.282	1.1130	.001	1

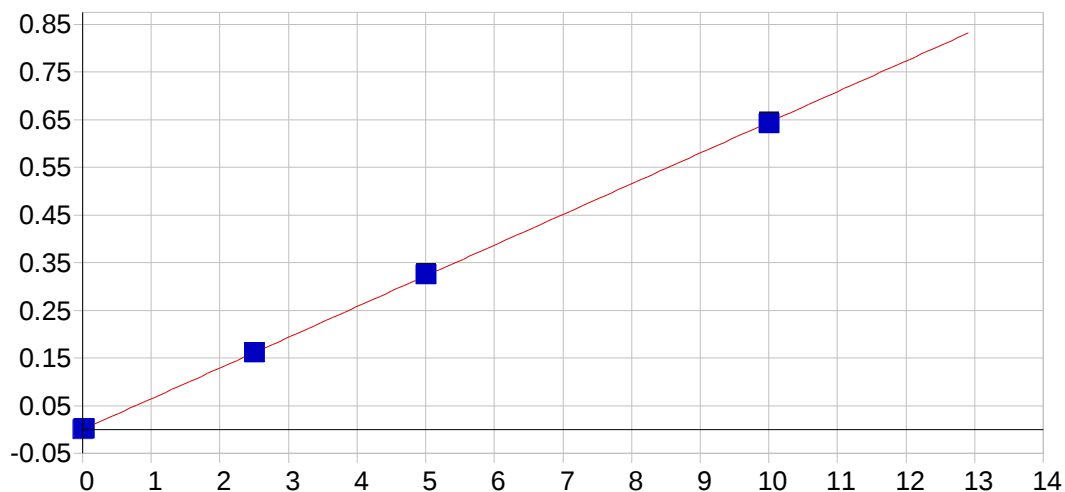


Pb 220.353 {453}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003142 Re-Slope: 1.000000
 A1 (Gain): 0.264919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001170
 Predicted MQL: 0.003899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00314	.000	1
S1	.01200	.01223	.000	1.95	.00632	.000	1
S3	2.5000	2.4745	-.025	-1.02	.65784	.003	1
S4	5.0000	4.9933	-.007	-.134	1.3243	.001	1
S5	10.000	10.032	.032	.319	2.6574	.000	1



Se 196.090 {472}

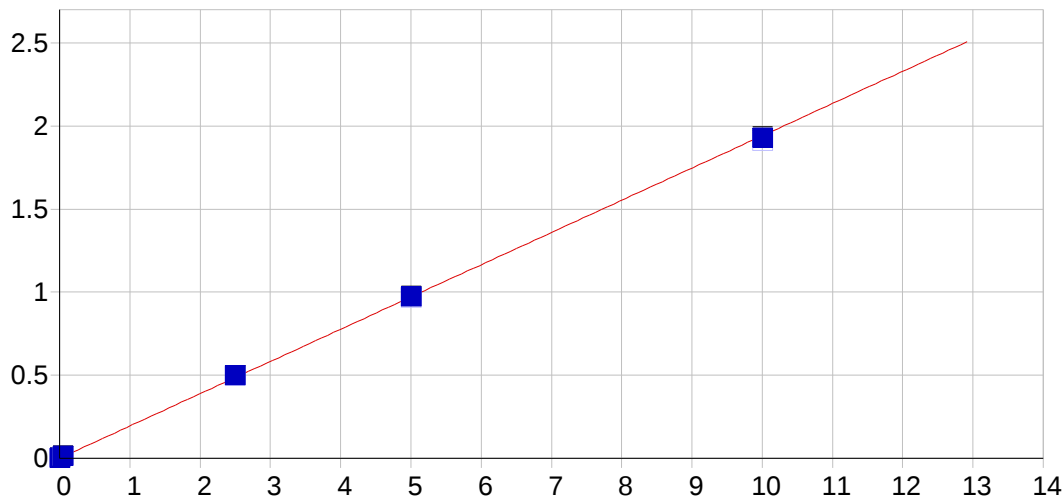
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.064423 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000009
 Predicted MDL: 0.003926
 Predicted MQL: 0.013087

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.02000	.02100	.001	4.98	.00136	.000	1
S3	2.5000	2.4919	-.008	-.324	.16054	.000	1
S4	5.0000	5.0428	.043	.855	.32488	.001	1
S5	10.000	9.9643	-.036	-.357	.64196	.002	1



Sb 206.833 {463}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

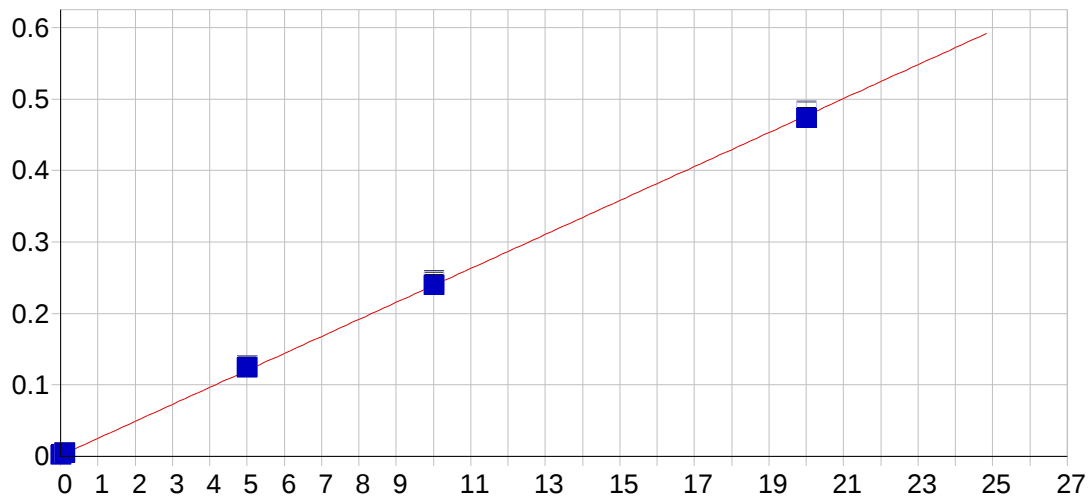
Weighting: 1/Conc

A0 (Offset): 0.000736
 A1 (Gain): 0.194035
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000087
 Predicted MDL: 0.001869
 Predicted MQL: 0.006231

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	.00073	.000	1
S1	.05000	.05556	.006	11.1	.01127	.000	1
S3	2.5000	2.5570	.057	2.28	.49142	.002	1
S4	5.0000	5.0076	.008	.152	.96147	.001	1
S5	10.000	9.9300	-.070	-.700	1.9057	.006	1

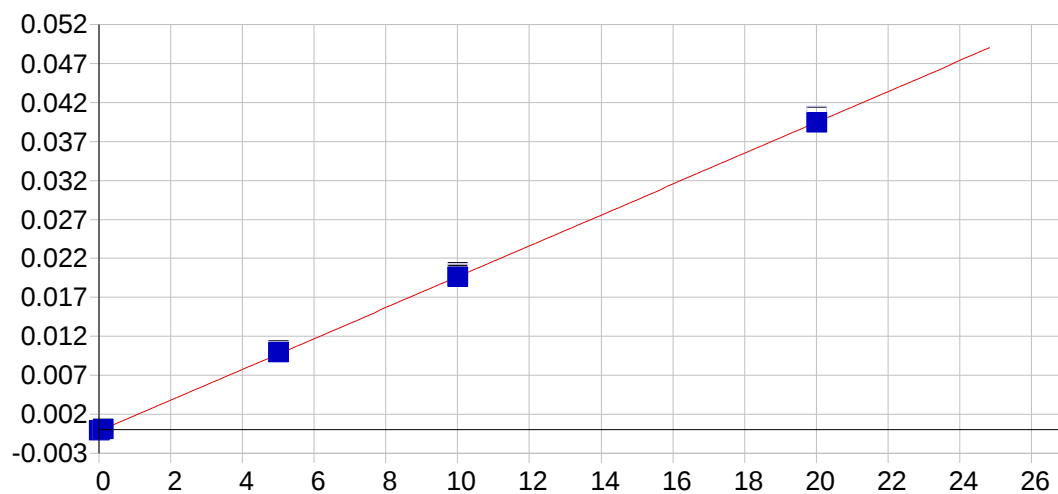


AI 308.215 {109}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001415 Re-Slope: 1.000000
 A1 (Gain): 0.023773 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.004039
 Predicted MQL: 0.013464

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00141	.000	1
S1	.10000	.11034	.010	10.3	.00420	.000	1
S3	5.0000	5.1481	.148	2.96	.12617	.000	1
S4	10.000	10.006	.006	.061	.24402	.001	1
S5	20.000	19.835	-.165	-.825	.48242	.000	1



AI 309.271 {109}

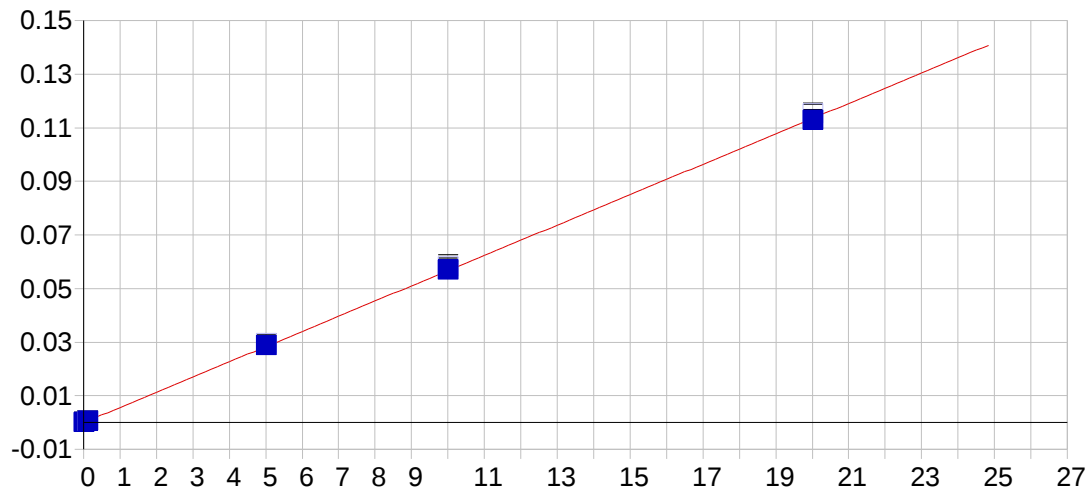
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.001980 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000001
 Predicted MDL: 0.030193
 Predicted MQL: 0.100643

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00017	.000	1
S1	.10000	.09050	-.010	-9.50	.00003	.000	1
S3	5.0000	5.0734	.073	1.47	.01008	.000	1
S4	10.000	9.9745	-.025	-.255	.01998	.000	1
S5	20.000	19.962	-.038	-.190	.04016	.000	1

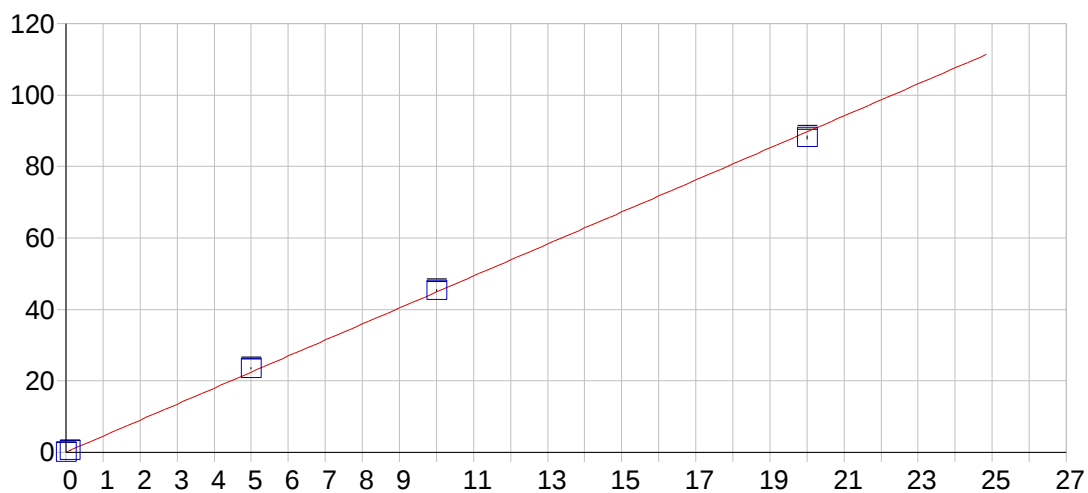


AI 396.152 { 85}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.005671 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.015851
 Predicted MQL: 0.052837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00005	.000	1
S1	.10000	.09191	-.008	-8.09	.00051	.000	1
S3	5.0000	5.0750	.075	1.50	.02929	.000	1
S4	10.000	10.037	.037	.368	.05800	.001	1
S5	20.000	19.897	-.103	-.517	.11505	.000	1

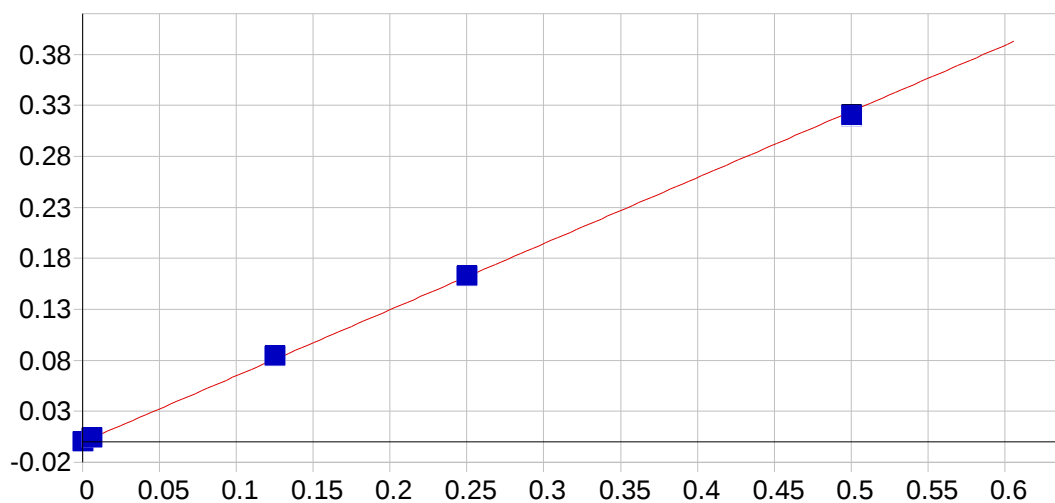


Ba 493.409 { 68}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.076206 Re-Slope: 1.000000
 A1 (Gain): 4.480022 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740 Status: OK.
 Std Error of Est: 0.007815
 Predicted MDL: 0.000730
 Predicted MQL: 0.002433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07615	.002	1
S1	.10000	.10776	.008	7.76	.55898	.000	1
S3	5.0000	5.2325	.232	4.65	23.518	.303	1
S5	20.000	19.658	-.342	-1.71	88.146	.584	1
S4	10.000	10.101	.101	1.01	45.331	.320	1



Be 234.861 {144}

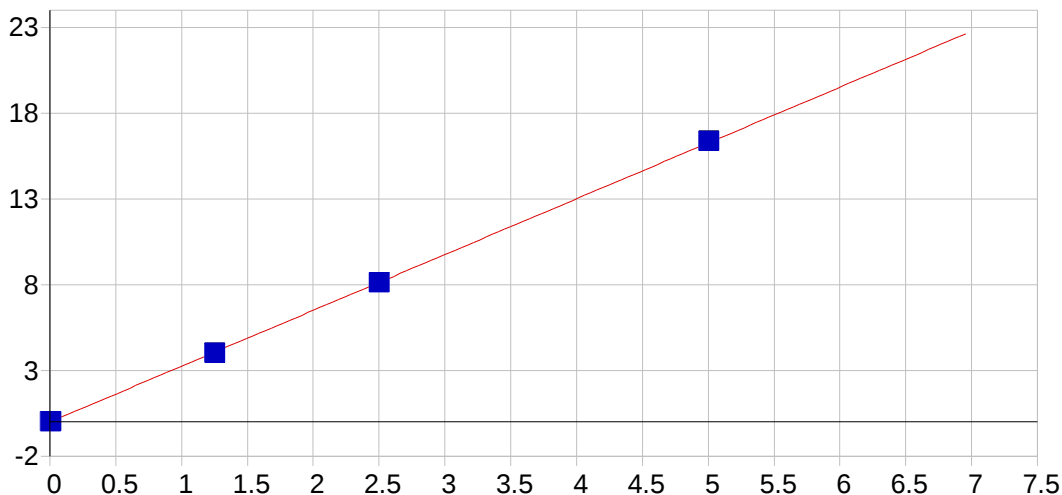
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.648286 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000032
 Predicted MDL: 0.000089
 Predicted MQL: 0.000296

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00627	.000	4.45	.00401	.000	1
S3	.12500	.12950	.004	3.60	.08343	.000	1
S4	.25000	.25106	.001	.423	.16172	.000	1
S5	.50000	.49418	-.006	-1.16	.31832	.001	1



Cd 226.502 {449}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

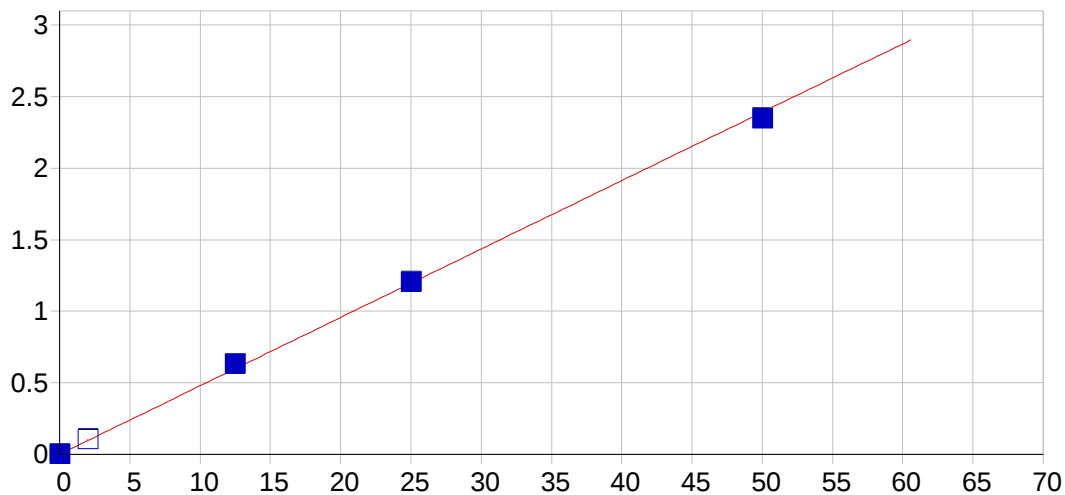
Weighting: 1/Conc

A0 (Offset): -0.000828
 A1 (Gain): 3.252914
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000232
 Predicted MDL: 0.000104
 Predicted MQL: 0.000345

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	-.00083	.000	1
S1	.00600	.00593	-.000	-1.21	.01849	.000	1
S3	1.2500	1.2285	-.022	-1.72	3.9961	.018	1
S4	2.5000	2.4960	-.004	-.160	8.1203	.003	1
S5	5.0000	5.0256	.026	.512	16.351	.011	1

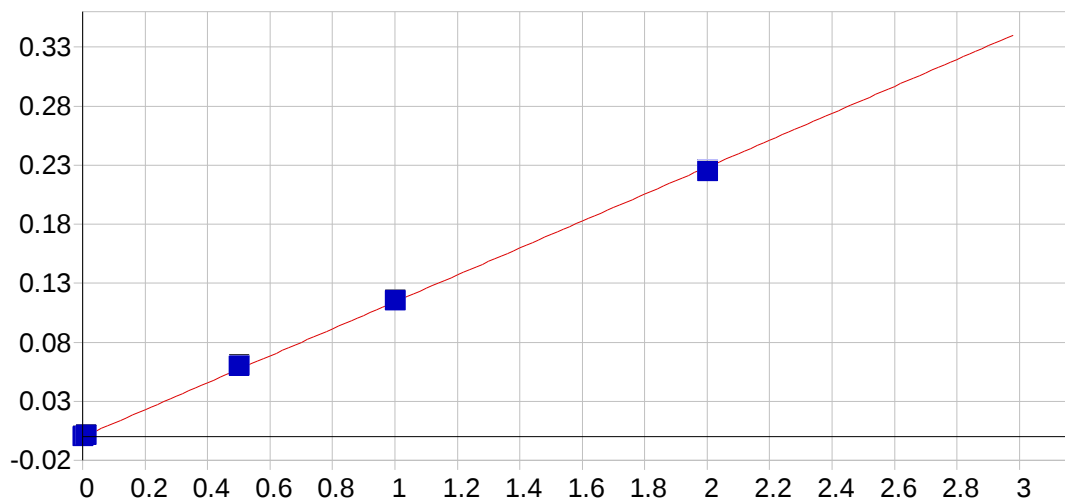


Ca 373.690 { 90}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001173 Re-Slope: 1.000000
 A1 (Gain): 0.047805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999640 Status: OK.
 Std Error of Est: 0.000701
 Predicted MDL: 0.019368
 Predicted MQL: 0.064561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1599	.160	8.00	.10443	.001	1
S0	.00000	-.00024	-.000	.000	.00116	.000	1
S3	12.500	13.131	.631	5.05	.62923	.003	1
S4	25.000	25.173	.173	.693	1.2052	.002	1
S5	50.000	49.035	-.965	-1.93	2.3466	.006	1



Cr 267.716 {126}

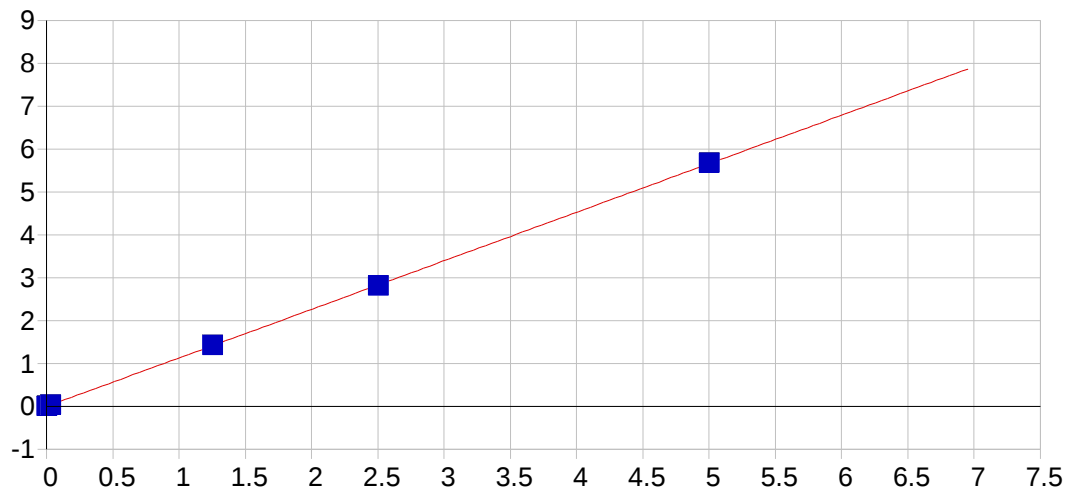
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.114132 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999739
 Std Error of Est: 0.000020
 Predicted MDL: 0.000629
 Predicted MQL: 0.002097

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01092	.001	9.23	.00127	.000	1
S3	.50000	.52464	.025	4.93	.06032	.000	1
S4	1.0000	1.0065	.007	.654	.11575	.000	1
S5	2.0000	1.9679	-.032	-1.61	.22632	.000	1



Co 228.616 {447}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

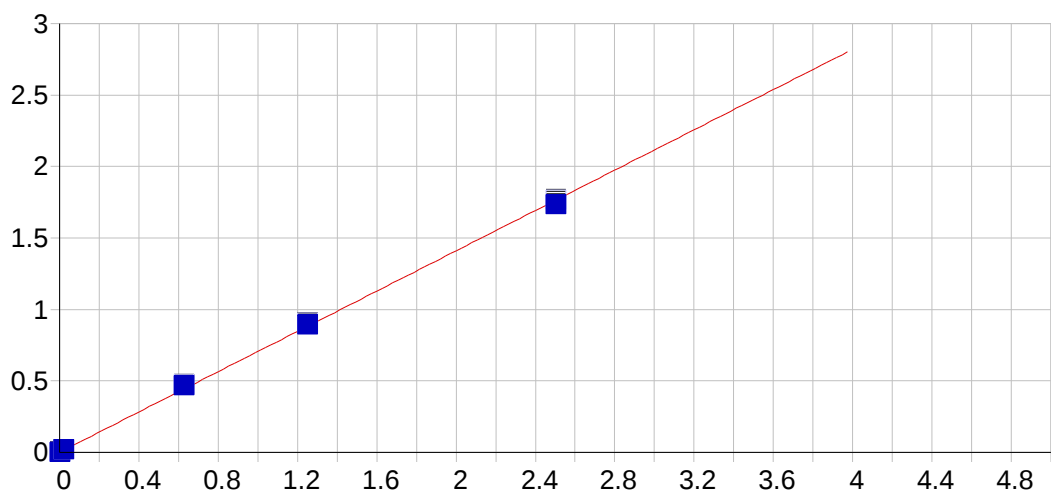
Weighting: 1/Conc

A0 (Offset): -0.000500
 A1 (Gain): 1.132230
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000183
 Predicted MDL: 0.000271
 Predicted MQL: 0.000902

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	-.00050	.000	1
S1	.03000	.03284	.003	9.46	.03645	.000	1
S3	1.2500	1.2584	.008	.672	1.4254	.007	1
S4	2.5000	2.4788	-.021	-.848	2.8083	.001	1
S5	5.0000	5.0100	.010	.199	5.6764	.003	1

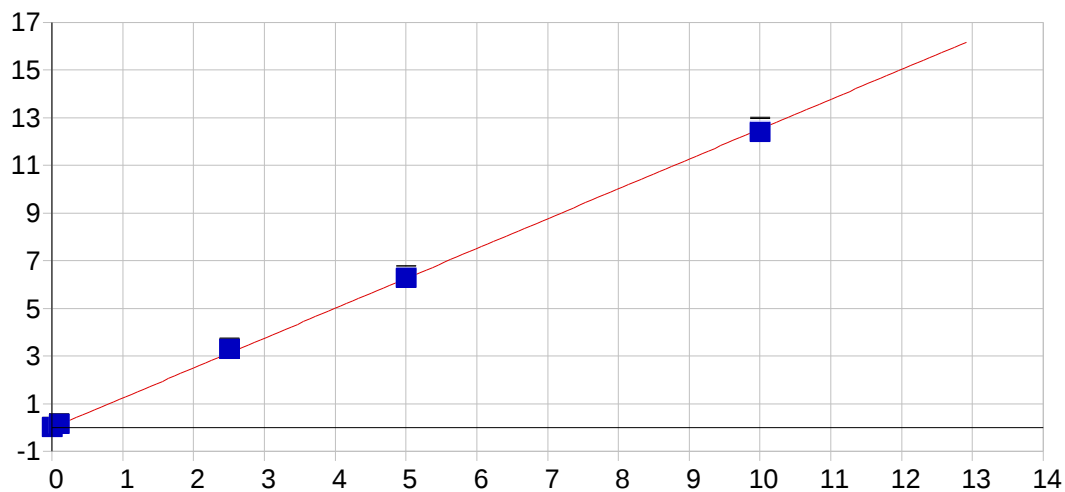


Cu 224.700 {450}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000821 Re-Slope: 1.000000
 A1 (Gain): 0.704863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000215
 Predicted MDL: 0.000596
 Predicted MQL: 0.001986

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00082	.000	1
S1	.02000	.02140	.001	6.98	.01615	.000	1
S3	.62500	.65824	.033	5.32	.47261	.001	1
S4	1.2500	1.2609	.011	.869	.90521	.001	1
S5	2.5000	2.4545	-.045	-1.82	1.7622	.006	1



Fe 240.488 {140}

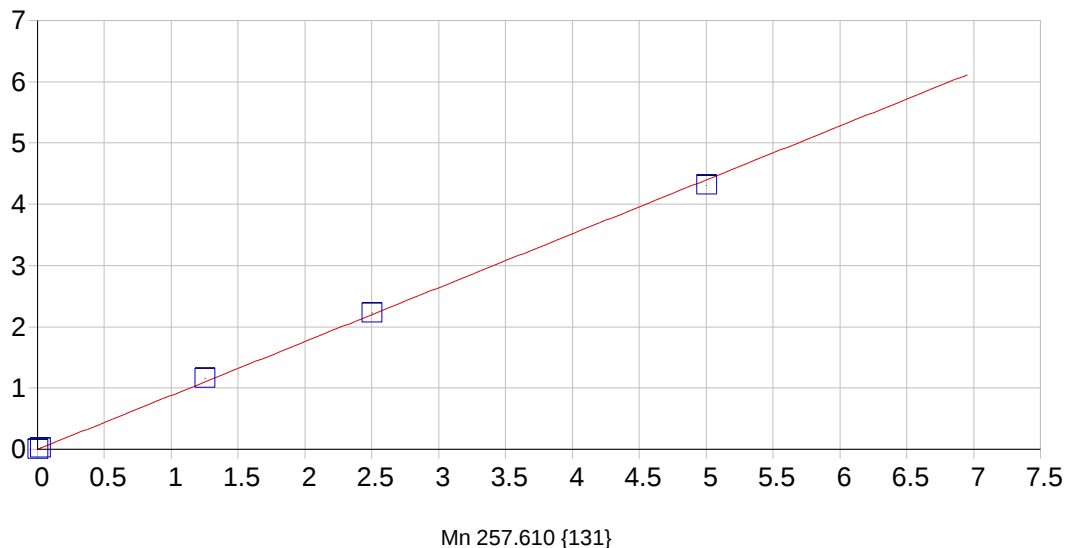
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014591 Re-Slope: 1.000000
 A1 (Gain): 1.253750 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750
 Std Error of Est: 0.001526
 Predicted MDL: 0.009966
 Predicted MQL: 0.033219

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01461	.006	1
S1	.10000	.11556	.016	15.6	.13090	.013	1
S3	2.5000	2.6125	.113	4.50	3.2767	.051	1
S4	5.0000	4.9893	-.011	-.213	6.2723	.078	1
S5	10.000	9.8826	-.117	-1.17	12.439	.161	1



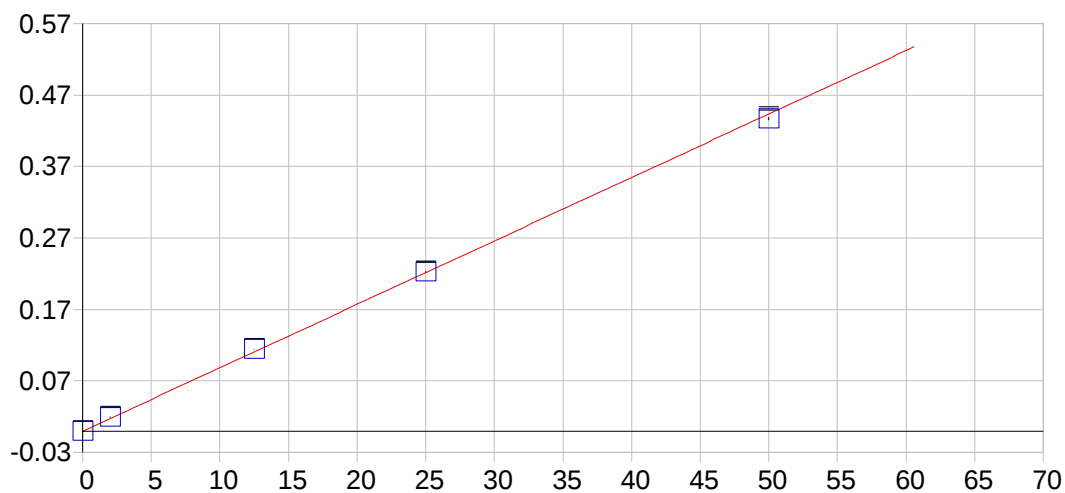
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094
 A1 (Gain): 0.879528
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645
 Std Error of Est: 0.000400
 Predicted MDL: 0.000081
 Predicted MQL: 0.000269

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	.00009	.000	1
S1	.02000	.02262	.003	13.1	.01999	.000	1
S3	1.2500	1.3176	.068	5.41	1.1589	.002	1
S4	2.5000	2.5278	.028	1.11	2.2234	.003	1
S5	5.0000	4.9020	-.098	-1.96	4.3115	.005	1

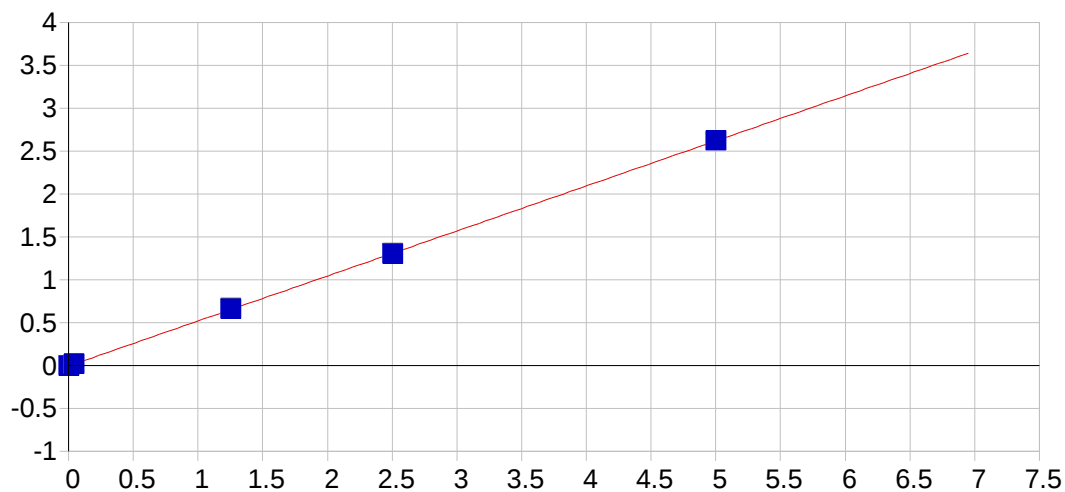


Mg 279.079 {121}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000354 Re-Slope: 1.000000
 A1 (Gain): 0.008875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.048916
 Predicted MQL: 0.163054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1733	.173	8.66	.01893	.001	1
S0	.00000	-.00022	-.000	.000	-.00036	.000	1
S3	12.500	12.950	.450	3.60	.11457	.000	1
S4	25.000	25.102	.102	.408	.22242	.001	1
S5	50.000	49.275	-.725	-1.45	.43694	.002	1



Ni 231.604 {445}

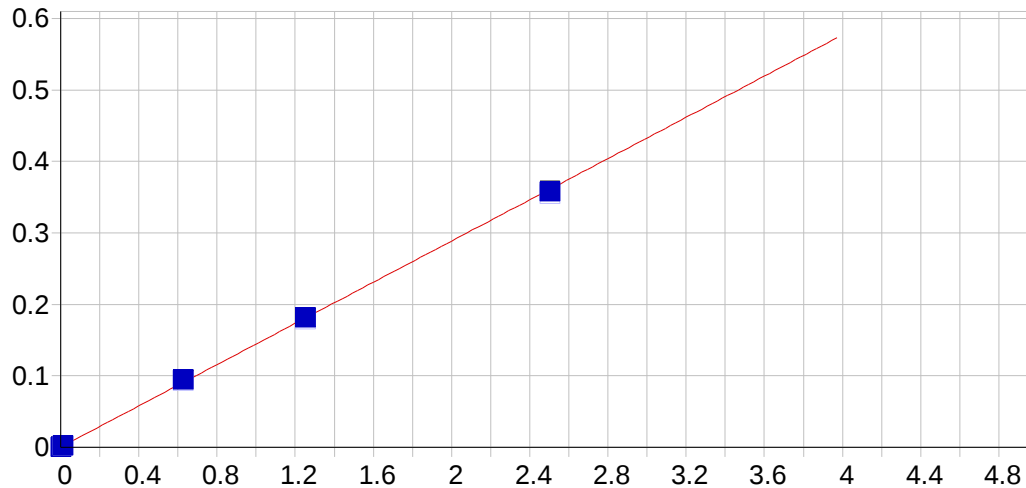
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004906 Re-Slope: 1.000000
 A1 (Gain): 0.524792 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000100
 Predicted MDL: 0.000537
 Predicted MQL: 0.001789

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00491	.000	1
S1	.04000	.04316	.003	7.89	.01775	.000	1
S3	1.2500	1.2661	.016	1.29	.66025	.003	1
S4	2.5000	2.4859	-.014	-.566	1.3011	.001	1
S5	5.0000	4.9949	-.005	-.103	2.6192	.001	1



Ag 328.068 {103}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

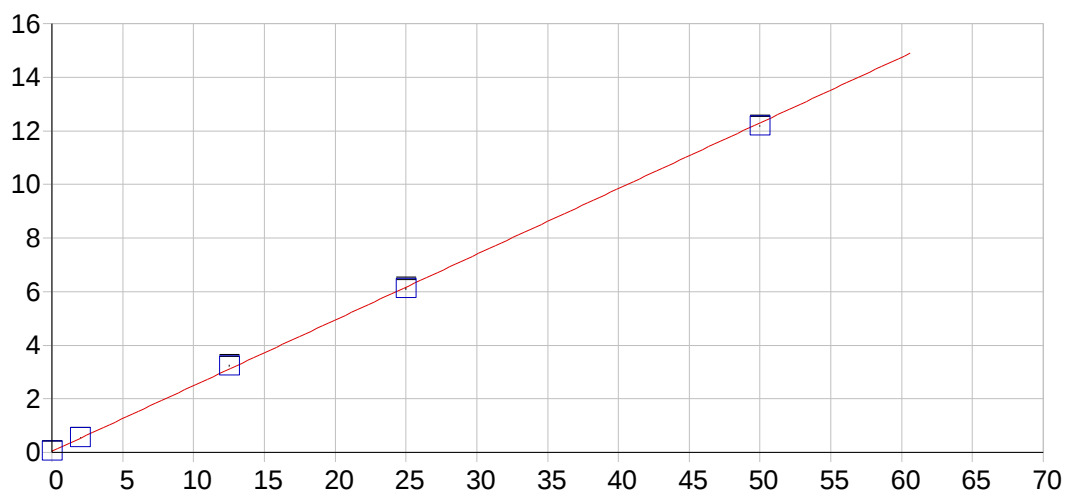
Weighting: 1/Conc

A0 (Offset): 0.000323
 A1 (Gain): 0.144204
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000018
 Predicted MDL: 0.000766
 Predicted MQL: 0.002554

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	.00032	.000	1
S1	.01000	.01029	.000	2.88	.00178	.000	1
S3	.62500	.64690	.022	3.50	.09259	.000	1
S4	1.2500	1.2497	-.000	-.025	.17849	.000	1
S5	2.5000	2.4781	-.022	-.875	.35359	.001	1

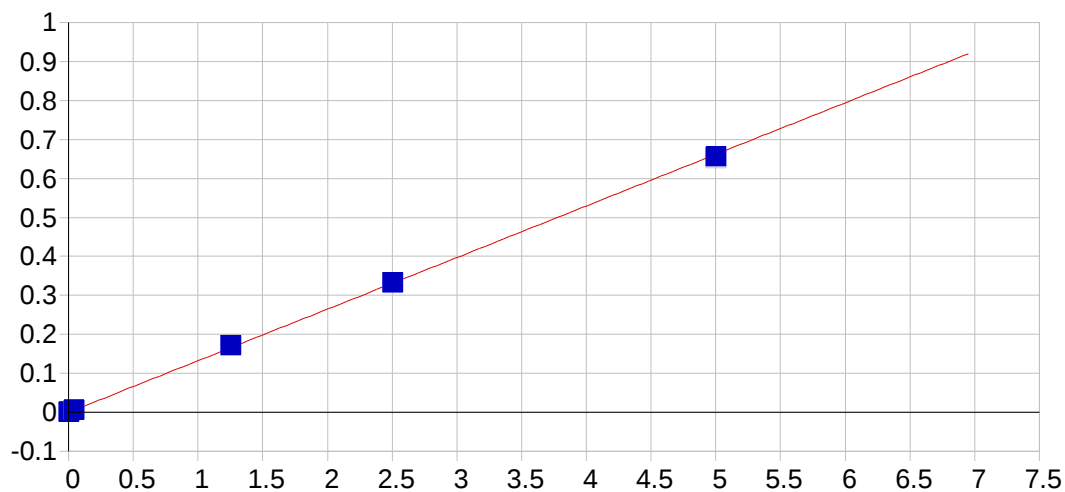


Na 589.592 { 57}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.037437 Re-Slope: 1.000000
 A1 (Gain): 0.245160 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.002726
 Predicted MDL: 0.011540
 Predicted MQL: 0.038466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1314	.131	6.57	.55997	.001	1
S0	.00000	-.00018	-.000	.000	.03739	.001	1
S3	12.500	13.032	.532	4.25	3.2323	.042	1
S4	25.000	24.792	-.208	-.831	6.1155	.039	1
S5	50.000	49.545	-.455	-.911	12.184	.030	1



V 292.402 {115}

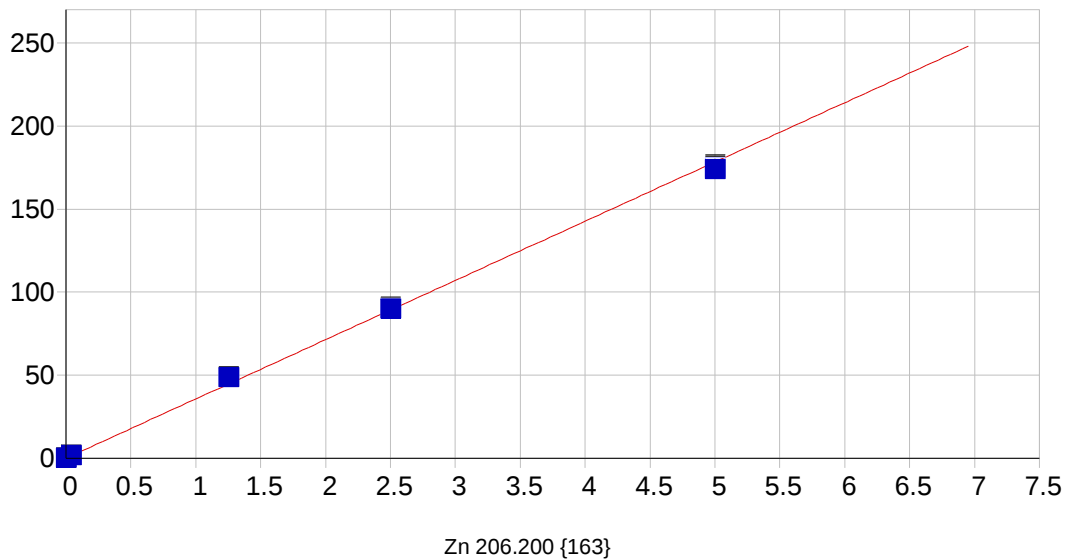
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.132362 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.000053
 Predicted MDL: 0.000645
 Predicted MQL: 0.002150

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.04000	.04445	.004	11.1	.00579	.000	1
S3	1.2500	1.2911	.041	3.28	.16979	.001	1
S4	2.5000	2.5065	.006	.260	.32959	.000	1
S5	5.0000	4.9480	-.052	-1.04	.65059	.000	1



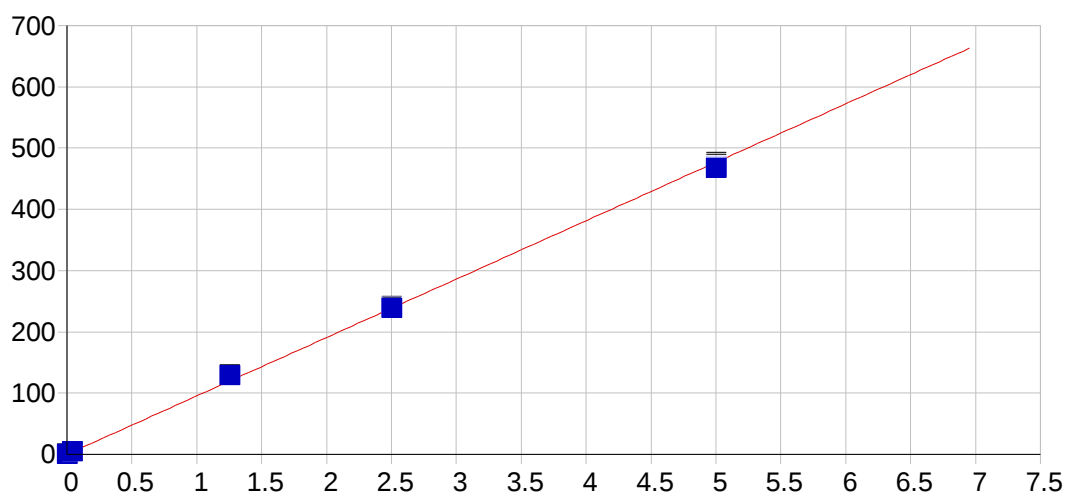
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.063948
 A1 (Gain): 35.658583
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999255
 Std Error of Est: 0.033520
 Predicted MDL: 0.000467
 Predicted MQL: 0.001556

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	.06361	.017	1
S1	.04000	.04679	.007	17.0	1.7418	.004	1
S3	1.2500	1.3551	.105	8.41	48.656	.112	1
S4	2.5000	2.5143	.014	.574	90.261	.508	1
S5	5.0000	4.8737	-.126	-2.53	174.93	1.64	1

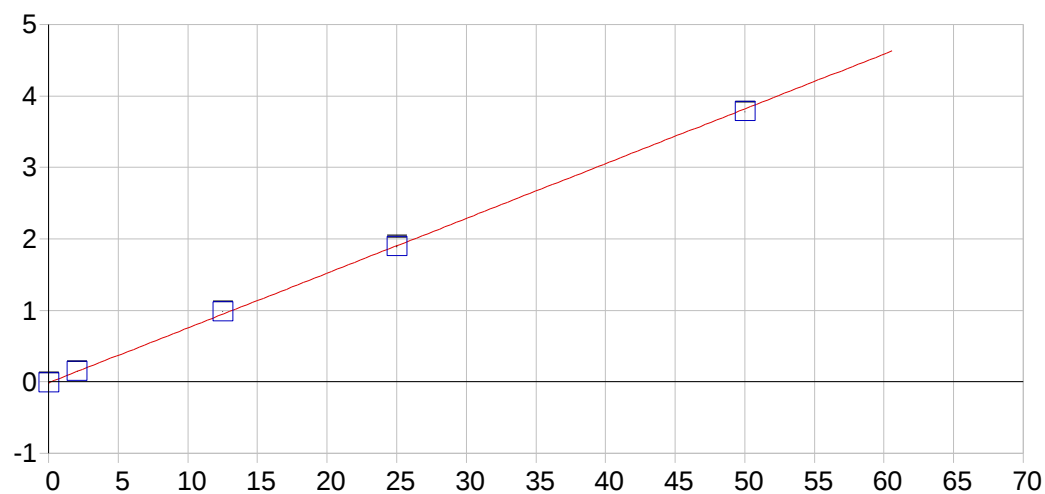


Zn 213.856 {458}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.078609 Re-Slope: 1.000000
 A1 (Gain): 95.359422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999448 Status: OK.
 Std Error of Est: 0.077186
 Predicted MDL: 0.000093
 Predicted MQL: 0.000310

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07783	.011	1
S1	.04000	.04593	.006	14.8	4.4835	.003	1
S3	1.2500	1.3431	.093	7.45	128.88	.464	1
S4	2.5000	2.5015	.002	.061	240.06	.950	1
S5	5.0000	4.8994	-.101	-2.01	470.17	6.44	1



K 766.490 {44}

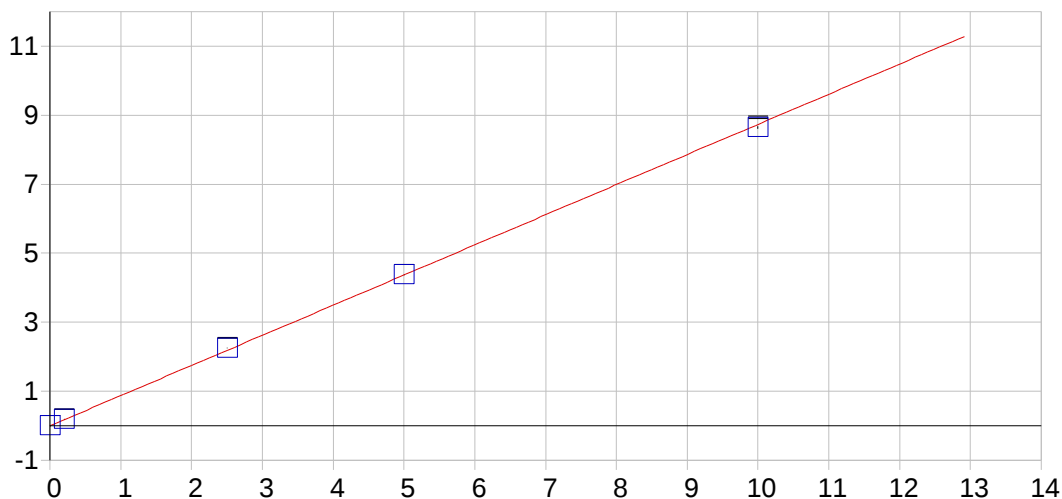
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012824 Re-Slope: 1.000000
 A1 (Gain): 0.076641 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836
 Std Error of Est: 0.000758
 Predicted MDL: 0.040094
 Predicted MQL: 0.133647

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1051	.105	5.26	.14852	.001	1
S0	.00000	-.00016	-.000	.000	-.01284	.004	1
S3	12.500	12.981	.481	3.85	.98207	.006	1
S4	25.000	24.917	-.083	-.332	1.8968	.009	1
S5	50.000	49.497	-.503	-1.01	3.7807	.003	1



Mo 202.030 {467}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

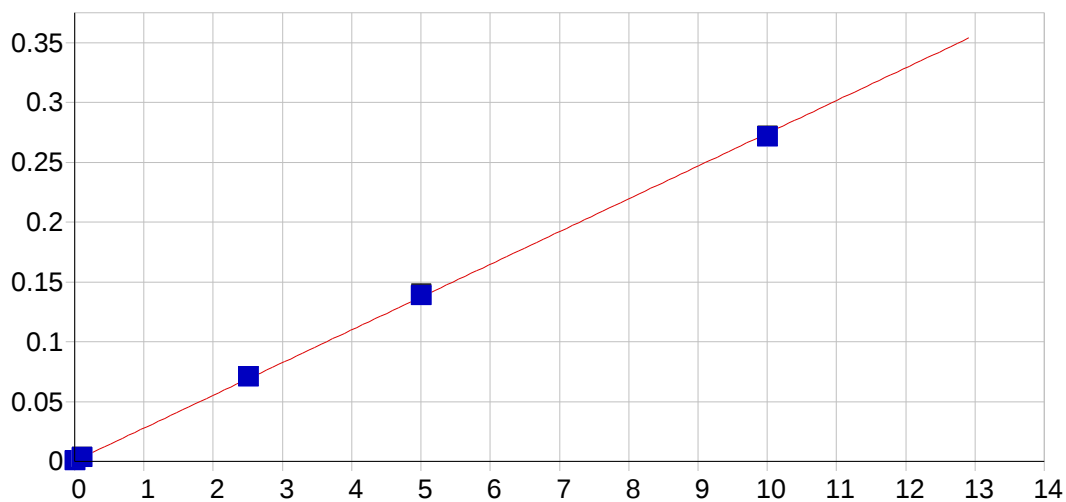
Weighting: 1/Conc

A0 (Offset): 0.000339
 A1 (Gain): 0.873504
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000986
 Predicted MDL: 0.000334
 Predicted MQL: 0.001114

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	.00033	.000	1
S1	.20000	.20662	.007	3.31	.18083	.000	1
S3	2.5000	2.5799	.080	3.19	2.2539	.001	1
S4	5.0000	5.0142	.014	.283	4.3802	.004	1
S5	10.000	9.8994	-.101	-1.01	8.6475	.034	1

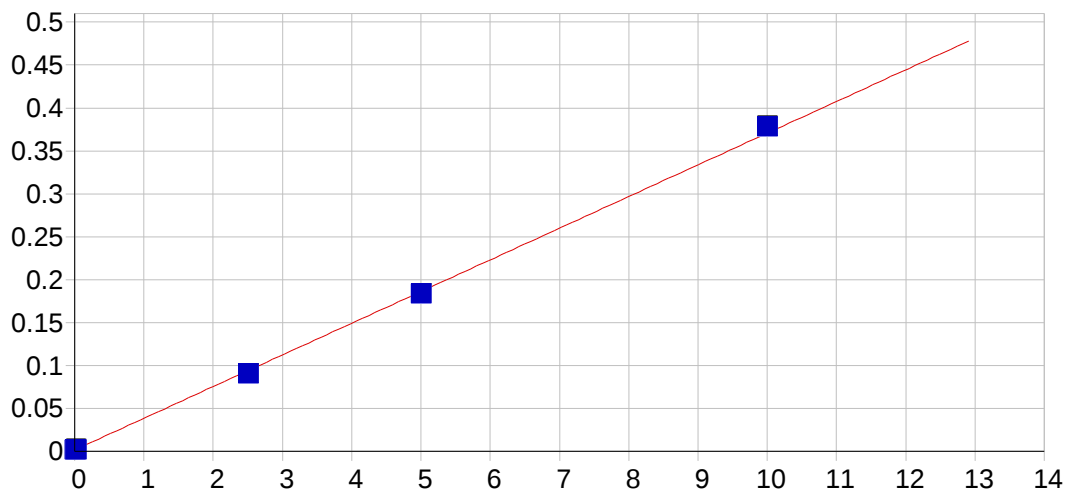


B 249.678 {135}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000427 Re-Slope: 1.000000
 A1 (Gain): 0.027377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.011647
 Predicted MQL: 0.038825

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.10000	.09681	-.003	-3.19	.00307	.000	1
S3	2.5000	2.5580	.058	2.32	.07030	.000	1
S4	5.0000	5.0517	.052	1.03	.13841	.001	1
S5	10.000	9.8935	-.107	-1.07	.27064	.000	1



S 182.034 {485}

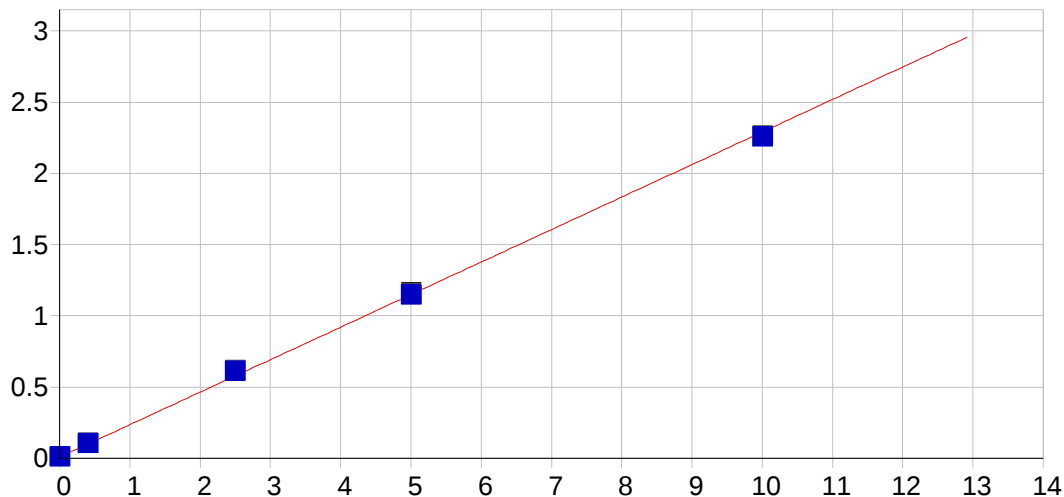
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001595 Re-Slope: 1.000000
 A1 (Gain): 0.036903 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999377
 Std Error of Est: 0.000031
 Predicted MDL: 0.003932
 Predicted MQL: 0.013107

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00160	.000	1
S1	.02000	.00450	-.016	-77.5	.00174	.000	1
S3	2.5000	2.3940	-.106	-4.24	.08984	.000	1
S4	5.0000	4.9205	-.080	-1.59	.18297	.000	1
S5	10.000	10.201	.201	2.01	.37761	.000	1



Si 288.158 {117}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

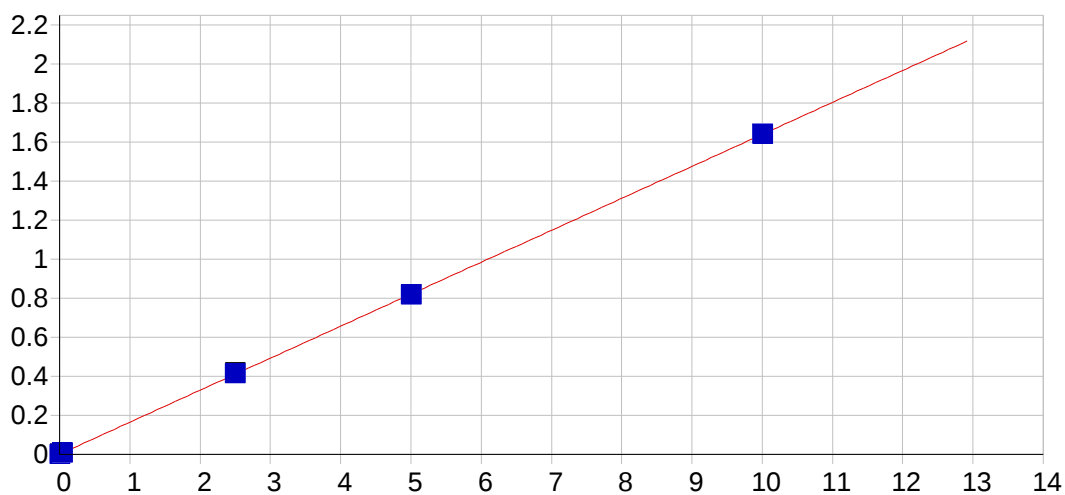
Weighting: 1/Conc

A0 (Offset): 0.007710
 A1 (Gain): 0.228323
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999657
 Std Error of Est: 0.000652
 Predicted MDL: 0.004080
 Predicted MQL: 0.013599

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00770	.001	1
S1	.40000	.42131	.021	5.33	.10383	.000	1
S3	2.5000	2.6479	.148	5.92	.61198	.005	1
S4	5.0000	4.9828	-.017	-.344	1.1448	.013	1
S5	10.000	9.8480	-.152	-1.52	2.2550	.006	1

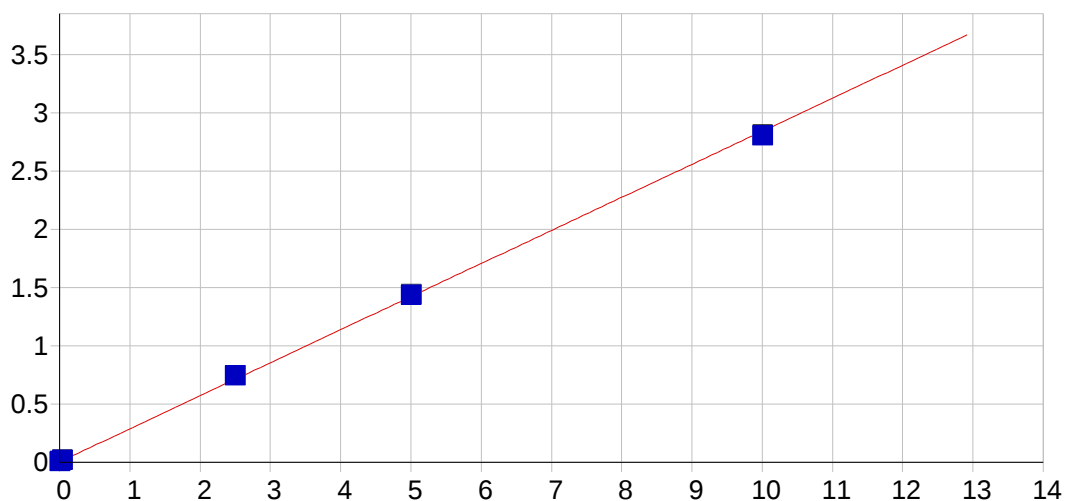


Sn 189.989 {477}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000847 Re-Slope: 1.000000
 A1 (Gain): 0.163947 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000890
 Predicted MQL: 0.002967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00085	.000	1
S1	.04000	.04195	.002	4.89	.00773	.000	1
S3	2.5000	2.5187	.019	.747	.41385	.002	1
S4	5.0000	4.9719	-.028	-.562	.81612	.001	1
S5	10.000	10.007	.007	.075	1.6418	.002	1



Ti 336.121 {100}

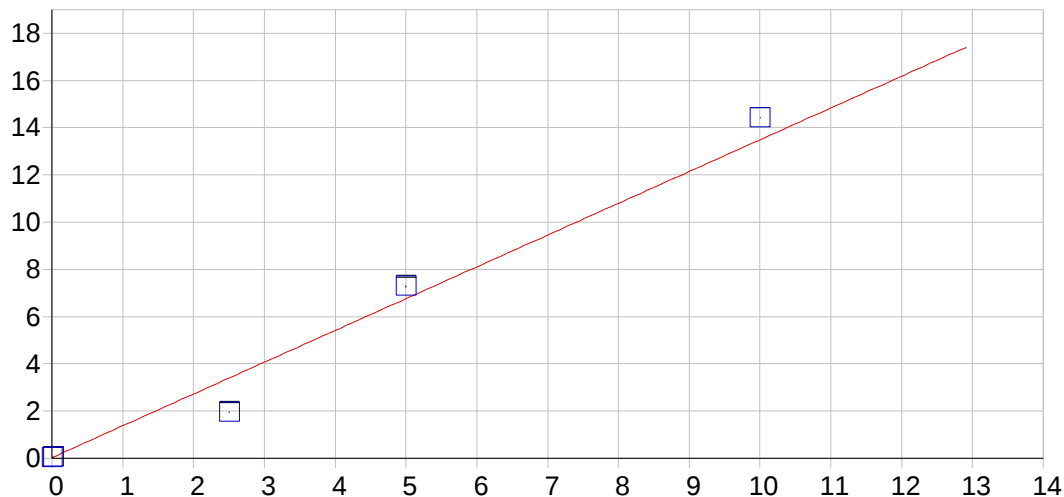
Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003790 Re-Slope: 1.000000
 A1 (Gain): 0.283748 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829
 Std Error of Est: 0.000179
 Predicted MDL: 0.002253
 Predicted MQL: 0.007509

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00379	.000	1
S1	.04000	.04405	.004	10.1	.01628	.000	1
S3	2.5000	2.5922	.092	3.69	.73924	.001	1
S4	5.0000	5.0402	.040	.804	1.4338	.004	1
S5	10.000	9.8635	-.136	-1.36	2.8022	.005	1



Li 670.784 { 50}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

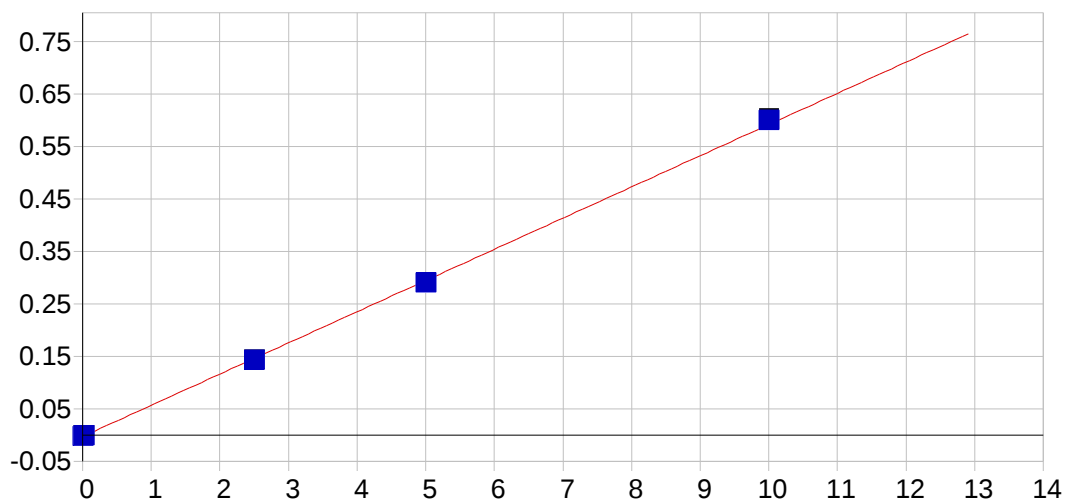
Weighting: 1/Conc

A0 (Offset): 0.031914
 A1 (Gain): 1.345974
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.985113
 Std Error of Est: 0.005673
 Predicted MDL: 0.002172
 Predicted MQL: 0.007241

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	.03192	.000	1
S1	.02000	.01804	-.002	-9.81	.05619	.002	1
S3	2.5000	1.4315	-1.07	-42.7	1.9587	.030	1
S4	5.0000	5.3863	.386	7.73	7.2817	.039	1
S5	10.000	10.684	.684	6.84	14.412	.004	1

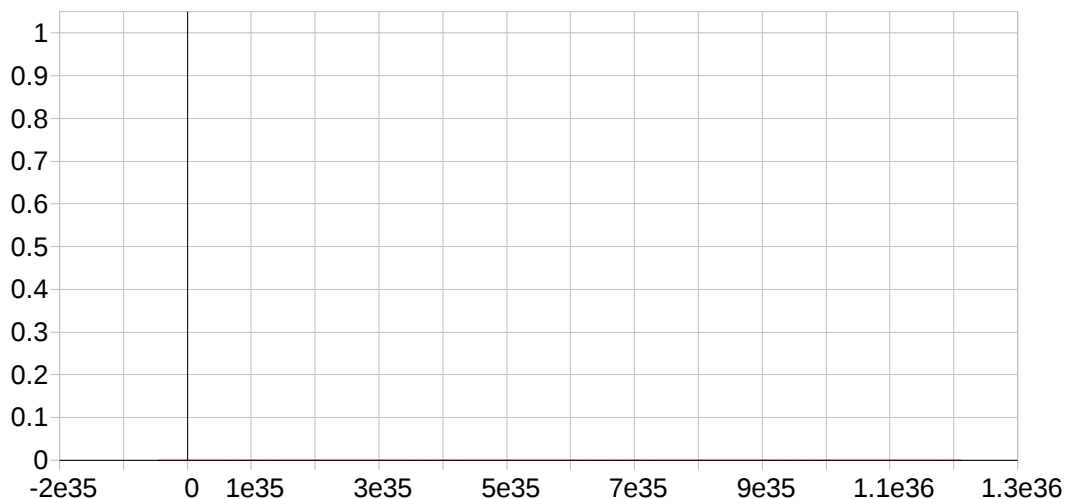


P 177.495 {490}

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002532 Re-Slope: 1.000000
 A1 (Gain): 0.059449 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002312
 Predicted MQL: 0.007708

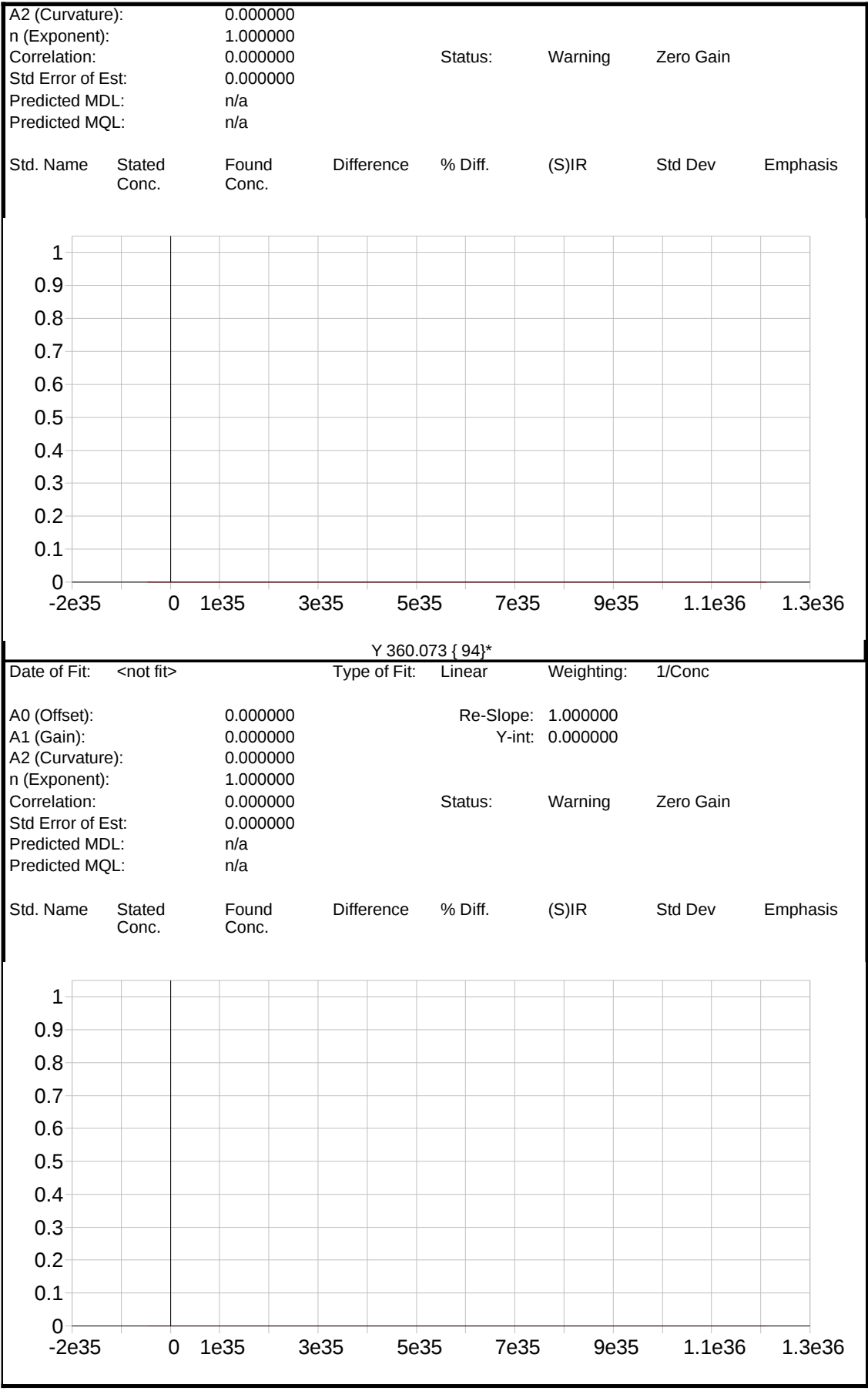
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00253	.000	1
S1	.02000	.01954	-.000	-2.32	-.00137	.000	1
S3	2.5000	2.4421	-.058	-2.32	.14243	.000	1
S4	5.0000	4.9189	-.081	-1.62	.28946	.000	1
S5	10.000	10.139	.139	1.39	.59938	.002	1

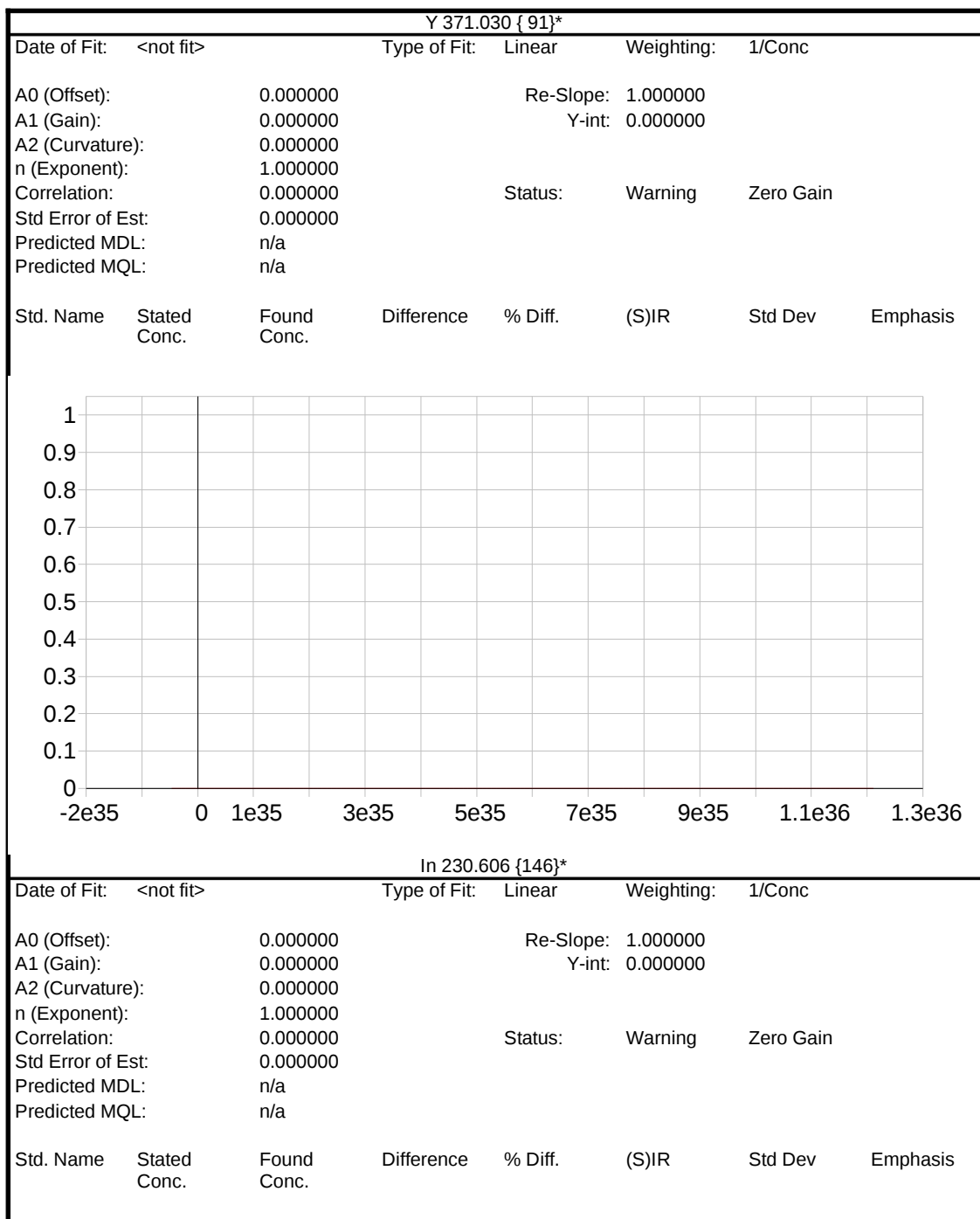


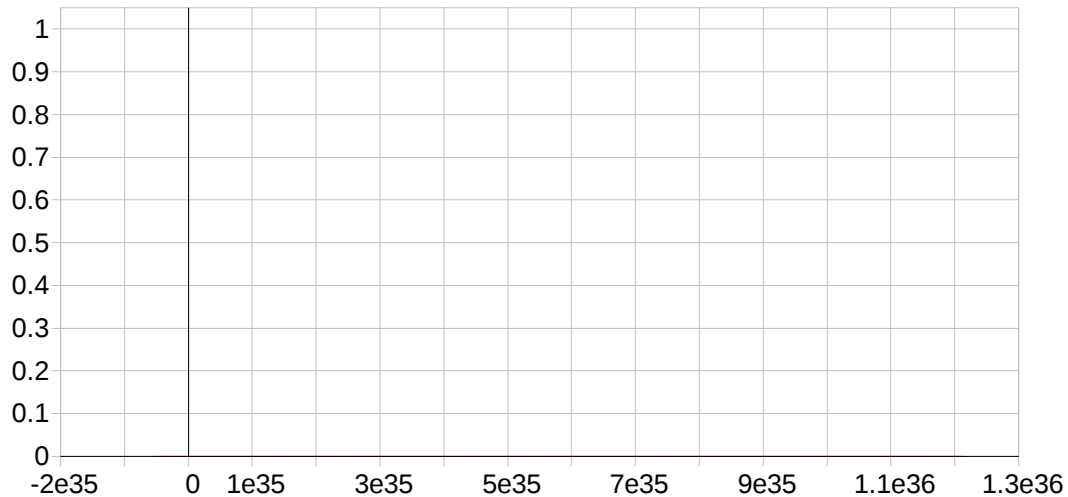
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

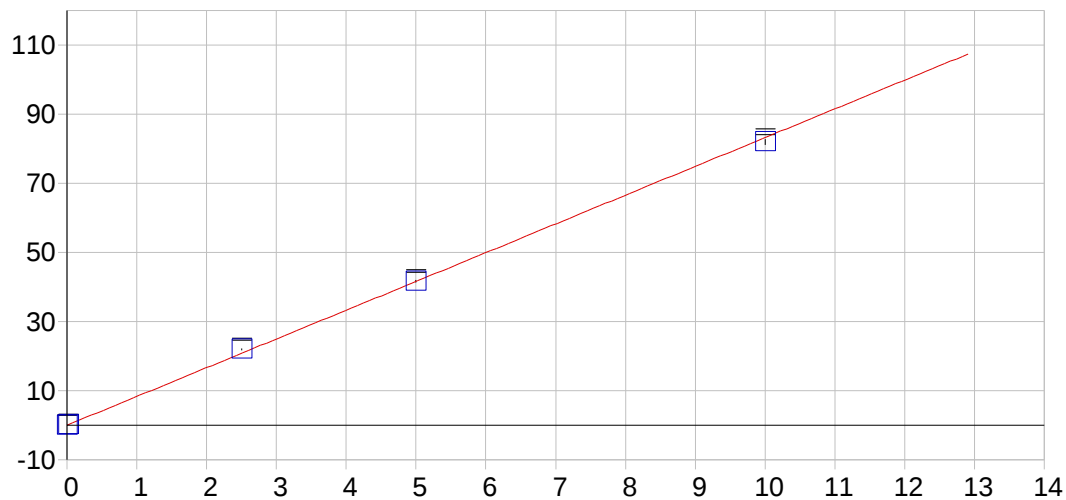
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



Sr 407.771 { 83}

Date of Fit: 10/5/2018 16:43:23

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005846

Re-Slope: 1.000000

A1 (Gain): 8.321922

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999713

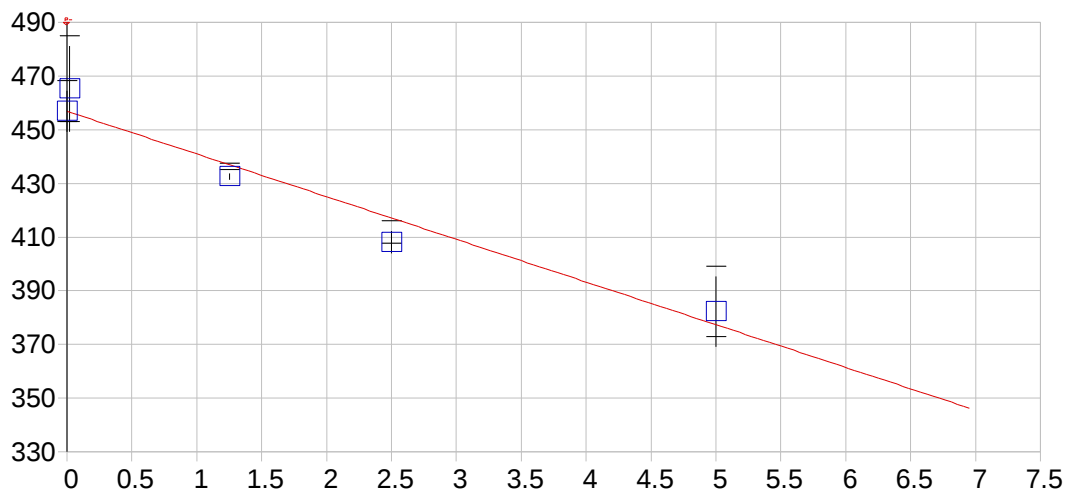
Status: OK.

Std Error of Est: 0.004814

Predicted MDL: 0.000138

Predicted MQL: 0.000460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00586	.000	1
S1	.02000	.02086	.001	4.31	.16777	.000	1
S3	2.5000	2.6389	.139	5.56	21.955	.257	1
S4	5.0000	5.0108	.011	.217	41.694	.326	1
S5	10.000	9.8494	-.151	-1.51	81.960	.861	1

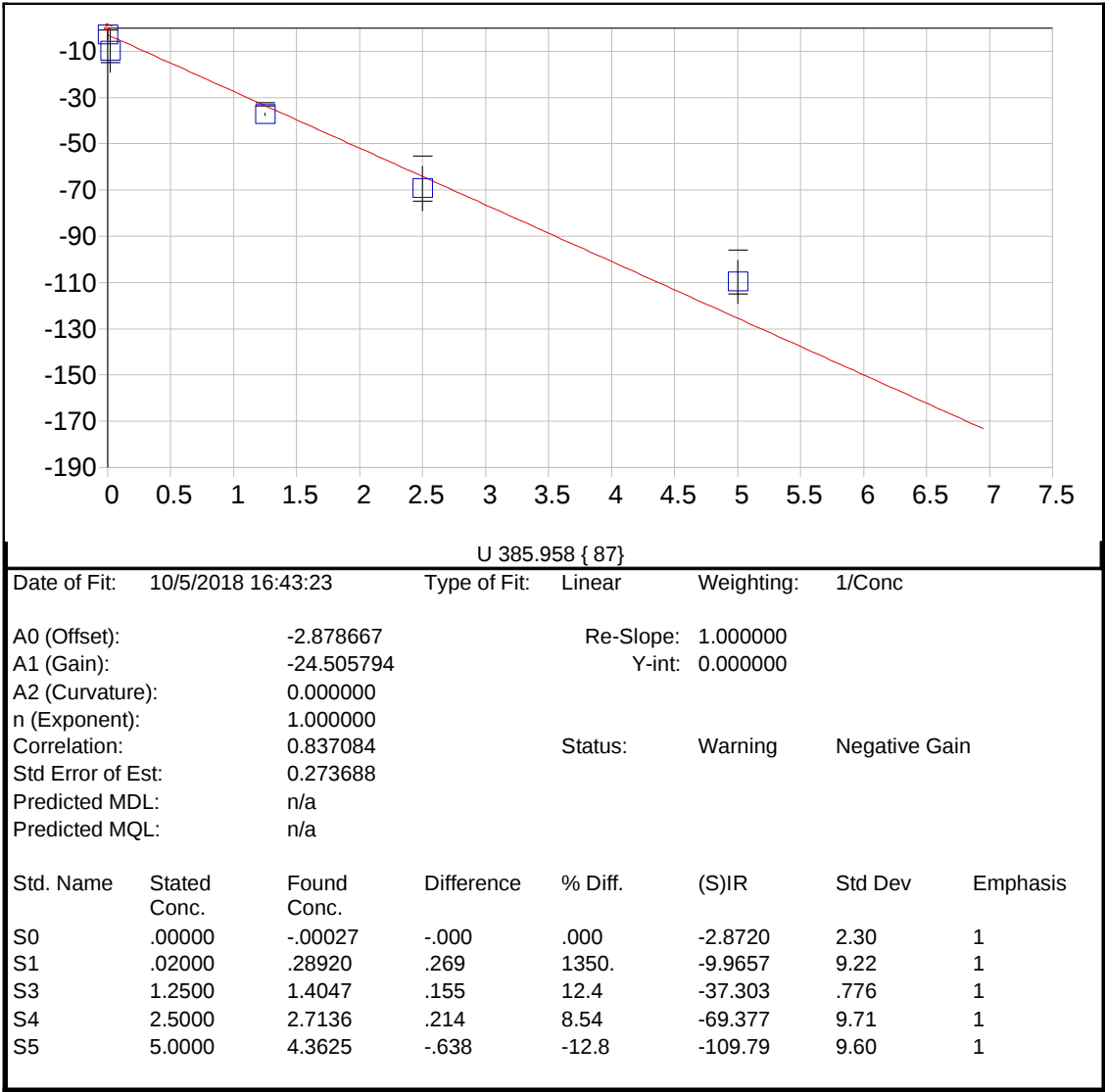


U 367.007 { 92 }

Date of Fit: 10/5/2018 16:43:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 456.870364 Re-Slope: 1.000000
 A1 (Gain): -15.906090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.609201 Status: Warning Negative Gain
 Std Error of Est: 0.353829
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00053	.001	.000	456.86	7.58	1
S1	.02000	-.52102	-.541	-2710.	465.16	15.9	1
S3	1.2500	1.5274	.277	22.2	432.58	1.23	1
S4	2.5000	3.0711	.571	22.8	408.02	4.21	1
S5	5.0000	4.6926	-.307	-6.15	382.23	13.2	1



Sample Name: S0 Acquired: 10/5/2018 11:49:28 Type: Cal
Method: P4-ICP2(v2481) 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	.00011	-.00021	.00314	.00000	.00073	-.00005	.07615	-.00001
Stddev	.00001	.00011	.00016	.00008	.00003	.00007	.00180	.00001
%RSD	9.5744	52.725	4.9941	6867.5	3.4332	124.54	2.3679	89.837

#1	.00010	-.00029	.00303	-.00006	.00075	-.00001	.07743	-.00000
#2	.00011	-.00013	.00325	.00006	.00072	-.00010	.07488	-.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	-.00083	.00116	.00002	-.00050	.00082	-.01193	.00009	-.00036
Stddev	.00004	.00024	.00002	.00007	.00003	.00165	.00001	.00003
%RSD	4.3645	20.740	100.17	13.794	3.1649	13.831	16.501	8.4281

#1	-.00085	.00133	.00003	-.00055	.00084	-.01076	.00010	-.00033
#2	-.00080	.00099	.00001	-.00045	.00080	-.01309	.00008	-.00038

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	-.00491	.00032	.03739	-.00001	.07783	-.01284	.00033	.00043
Stddev	.00000	.00005	.00080	.00008	.01092	.00391	.00040	.00033
%RSD	.04886	16.884	2.1330	527.39	14.024	30.492	121.04	76.712

#1	-.00491	.00028	.03796	-.00007	.08555	-.01007	.00005	.00020
#2	-.00491	.00036	.03683	.00004	.07011	-.01560	.00061	.00066

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	.00160	.00770	.00085	.00379	.03192	-.0025	-.00586	456.86
Stddev	.00012	.00053	.00015	.00007	.00044	.0001	.00011	7.58
%RSD	7.2336	6.9219	17.781	1.8664	1.3832	2.085	1.8828	1.6594

#1	.00168	.00732	.00074	.00374	.03224	-.0025	-.00594	462.22
#2	.00151	.00808	.00095	.00384	.03161	-.0026	-.00578	451.50

Sample Name: S0 Acquired: 10/5/2018 11:49:28 Type: Cal
Method: P4-ICP2(v2481) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-2.8720
Stddev	2.2985
%RSD	80.030

#1	-4.4973
#2	-1.2468

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.7	65939.	4929.9	104.08	4154.6
Stddev	19.7	82.	18.2	.43	22.7
%RSD	.68133	.12387	.36908	.40970	.54555

#1	2879.8	65881.	4942.8	103.78	4138.6
#2	2907.6	65996.	4917.1	104.38	4170.6

Sample Name: S1 Acquired: 10/5/2018 11:53:30 Type: Cal
Method: P4-ICP2(v2481) 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	.00128	.00491	.00632	.00136	.01127	.00051	.55898	.00401
Stddev	.00016	.00023	.00008	.00017	.00001	.00002	.00022	.00005
%RSD	12.760	4.6116	1.3266	12.378	.05269	3.4990	.03981	1.2200

#1	.00117	.00475	.00638	.00147	.01128	.00052	.55914	.00398
#2	.00140	.00507	.00627	.00124	.01127	.00049	.55882	.00404

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	.01849	.00127	.03645	.01615	.12667	.01999	.01775	.00178
Stddev	.00009	.00000	.00020	.00049	.02246	.00001	.00033	.00002
%RSD	.47400	.36309	.55068	3.0378	17.727	.03082	1.8369	1.4020

#1	.01843	.00127	.03659	.01650	.14255	.01998	.01798	.00179
#2	.01855	.00128	.03631	.01580	.11079	.01999	.01752	.00176

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	.00579	4.4835	.18083	.00307	.00174	.10383	.00773	.01628
Stddev	.00000	.0031	.00016	.00032	.00016	.00030	.00004	.00014
%RSD	.05150	.06976	.08770	10.414	9.0203	.28644	.51320	.88714

#1	.00579	4.4813	.18094	.00329	.00185	.10404	.00775	.01639
#2	.00578	4.4857	.18071	.00284	.00163	.10362	.00770	.01618

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05619	-.0014	.16777	465.16	-9.9657
Stddev	.00197	.0000	.00001	15.94	9.2176
%RSD	3.4988	2.284	.00748	3.4273	92.493

#1	.05758	-.0014	.16776	453.88	-3.4479
#2	.05480	-.0014	.16778	476.43	-16.484

Sample Name: S1 Acquired: 10/5/2018 11:53:30 Type: Cal
Method: P4-ICP2(v2481) 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	2905.2	66051.	4956.1	104.98	4154.3
Stddev	15.4	294.	20.3	.18	14.2
%RSD	.53007	.44574	.40922	.17451	.34190
#1	2894.3	65842.	4941.8	105.11	4144.3
#2	2916.1	66259.	4970.4	104.85	4164.4

Sample Name: S2 Acquired: 10/5/2018 11:57:32 Type: Cal
Method: P4-ICP2(v2481) 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	.10443	.01893	.55997	.14852
Stddev	.00096	.00087	.00078	.00051
%RSD	.91767	4.5874	.13906	.34672

#1	.10375	.01832	.56052	.14888
#2	.10510	.01955	.55942	.14815

Int. Std.	Y_3710
Units	Cts/S
Avg	5004.9
Stddev	22.3
%RSD	.44481

#1	4989.1
#2	5020.6

Sample Name: S3 Acquired: 10/5/2018 12:01:28 Type: Cal
Method: P4-ICP2(v2481) 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	.14587	.27944	.65784	.16054	.49142	.02929	23.518	.08343
Stddev	.00034	.00131	.00288	.00028	.00185	.00001	.303	.00023
%RSD	.23131	.47002	.43759	.17385	.37672	.03613	1.2880	.27863
#1	.14563	.28037	.65988	.16035	.49011	.02930	23.732	.08360
#2	.14611	.27851	.65581	.16074	.49273	.02929	23.304	.08327
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	3.9961	.62923	.06032	1.4254	.47261	3.2658	1.1589	.11457
Stddev	.0180	.00305	.00028	.0066	.00094	.0666	.0019	.00045
%RSD	.45011	.48470	.46259	.45934	.19986	2.0403	.16000	.39170
#1	4.0089	.63139	.06052	1.4300	.47194	3.2187	1.1602	.11426
#2	3.9834	.62707	.06013	1.4208	.47328	3.3129	1.1576	.11489
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	.66025	.09259	3.2323	.16979	128.88	.98207	2.2539	.07030
Stddev	.00275	.00019	.0419	.00063	.46	.00616	.0014	.00028
%RSD	.41671	.20489	1.2968	.37147	.35984	.62734	.05968	.39314
#1	.66220	.09272	3.2619	.17024	128.55	.98643	2.2529	.07010
#2	.65831	.09245	3.2027	.16934	129.20	.97771	2.2548	.07049
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	.08984	.61198	.41385	.73924	1.9587	.1424	21.955	432.58
Stddev	.00015	.00455	.00175	.00071	.0300	.0003	.257	1.23
%RSD	.16956	.74286	.42241	.09606	1.5289	.2225	1.1692	.28532
#1	.08973	.61519	.41508	.73974	1.9799	.1427	22.137	431.70
#2	.08994	.60877	.41261	.73874	1.9375	.1422	21.774	433.45

Sample Name: S3 Acquired: 10/5/2018 12:01:28 Type: Cal
Method: P4-ICP2(v2481) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-37.303
Stddev	.776
%RSD	2.0797

#1	-36.754
#2	-37.852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.6	65079.	4926.4	101.92	3963.7
Stddev	5.6	364.	50.7	.16	27.7
%RSD	.19474	.55985	1.0285	.15929	.69994

#1	2866.7	64821.	4890.5	102.04	3944.0
#2	2874.6	65337.	4962.2	101.81	3983.3

Sample Name: S4 Acquired: 10/5/2018 12:05:14 Type: Cal
Method: P4-ICP2(v2481) 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	.29601	.55994	1.3243	.32488	.96147	.05800	45.331	.16172
Stddev	.00026	.00032	.0008	.00057	.00066	.00078	.320	.00002
%RSD	.08673	.05754	.05807	.17498	.06884	1.3381	.70695	.00935

#1	.29582	.55972	1.3237	.32448	.96101	.05745	45.557	.16174
#2	.29619	.56017	1.3248	.32529	.96194	.05855	45.104	.16171

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.1203	1.2052	.11575	2.8083	.90521	6.2519	2.2234	.22242
Stddev	.0027	.0018	.00002	.0007	.00116	.0722	.0025	.00082
%RSD	.03335	.15305	.01637	.02398	.12786	1.1551	.11277	.36788

#1	8.1184	1.2039	.11576	2.8088	.90602	6.2008	2.2216	.22300
#2	8.1222	1.2065	.11574	2.8078	.90439	6.3030	2.2252	.22184

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	1.3011	.17849	6.1155	.32959	240.06	1.8968	4.3802	.13841
Stddev	.0012	.00007	.0395	.00009	.95	.0092	.0040	.00098
%RSD	.09512	.04141	.64553	.02867	.39565	.48490	.09257	.70746

#1	1.3002	.17854	6.1434	.32965	239.39	1.9034	4.3774	.13772
#2	1.3020	.17843	6.0876	.32952	240.74	1.8903	4.3831	.13910

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	.18297	1.1448	.81612	1.4338	7.2817	.2895	41.694	408.02
Stddev	.00047	.0132	.00092	.0045	.0389	.0004	.326	4.21
%RSD	.25563	1.1534	.11290	.31032	.53418	.1220	.78156	1.0308

#1	.18264	1.1541	.81547	1.4306	7.3092	.2892	41.924	405.05
#2	.18330	1.1355	.81677	1.4369	7.2542	.2897	41.464	411.00

Sample Name: S4 Acquired: 10/5/2018 12:05:14 Type: Cal
Method: P4-ICP2(v2481) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-69.377
Stddev	9.707
%RSD	13.992

#1	-76.241
#2	-62.512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2836.8	64272.	4974.8	103.22	3816.8
Stddev	6.5	100.	46.3	.18	5.3
%RSD	.22955	.15501	.93138	.17854	.13869

#1	2832.2	64202.	4942.0	103.35	3813.1
#2	2841.5	64343.	5007.5	103.09	3820.6

Sample Name: S5 Acquired: 10/5/2018 12:09:01 Type: Cal
Method: P4-ICP2(v2481) 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	.58915	1.1130	2.6574	.64196	1.9057	.11505	88.146	.31832
Stddev	.00196	.0008	.0005	.00176	.0059	.00027	.584	.00065
%RSD	.33311	.06965	.01822	.27486	.30946	.23039	.66286	.20470

#1	.58776	1.1125	2.6570	.64071	1.9015	.11486	88.559	.31878
#2	.59053	1.1136	2.6577	.64321	1.9099	.11523	87.733	.31786

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.351	2.3466	.22632	5.6764	1.7622	12.395	4.3115	.43694
Stddev	.011	.0059	.00004	.0026	.0064	.174	.0052	.00223
%RSD	.06679	.25043	.01718	.04627	.36097	1.4066	.12092	.51014

#1	16.359	2.3424	.22630	5.6745	1.7577	12.518	4.3152	.43852
#2	16.343	2.3507	.22635	5.6782	1.7667	12.271	4.3078	.43537

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6192	.35359	12.184	.65059	470.17	3.7807	8.6475	.27064
Stddev	.0011	.00078	.030	.00037	6.44	.0032	.0337	.00047
%RSD	.04123	.22047	.24752	.05628	1.3702	.08522	.38942	.17242

#1	2.6185	.35304	12.205	.65085	474.73	3.7830	8.6237	.27031
#2	2.6200	.35414	12.162	.65033	465.61	3.7784	8.6713	.27097

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	.37761	2.2550	1.6418	2.8022	14.412	.5994	81.960	382.23
Stddev	.00038	.0057	.0019	.0050	.004	.0018	.861	13.16
%RSD	.10128	.25333	.11589	.17906	.02490	.2926	1.0502	3.4428

#1	.37788	2.2510	1.6405	2.8057	14.415	.5981	81.351	372.93
#2	.37734	2.2591	1.6432	2.7986	14.410	.6006	82.569	391.54

Sample Name: S5 Acquired: 10/5/2018 12:09:01 Type: Cal
Method: P4-ICP2(v2481) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-109.79
Stddev	9.60
%RSD	8.7403

#1	-103.00
#2	-116.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.1	63179.	4951.8	101.07	3606.6
Stddev	5.2	118.	18.1	1.47	2.9
%RSD	.18751	.18726	.36562	1.4523	.08054

#1	2772.8	63095.	4939.0	100.04	3604.6
#2	2765.4	63263.	4964.6	102.11	3608.7

Sample Name: ICV01 Acquired: 10/5/2018 12:17:07 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97236	.99621	.96396	F .97620	.96024	2.4303	.49429
Stddev	.01311	.00790	.00805	.00283	.01000	.0147	.00526
%RSD	1.3484	.79268	.83494	.28953	1.0417	.60391	1.0643

#1	.96309	.99063	.95827	.97420	.95317	2.4199	.49801
#2	.98163	1.0018	.96965	.97820	.96732	2.4407	.49057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .46961	.47168	9.8400	.48253	.47948	.50663	4.8327
Stddev	.00170	.00490	.0040	.00100	.00554	.00398	.1630
%RSD	.36193	1.0383	.04083	.20633	1.1544	.78510	3.3737

#1	.47082	.46822	9.8428	.48324	.47557	.50382	4.9480
#2	.46841	.47515	9.8371	.48183	.48340	.50944	4.7174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49533	5.8106	.48477	.48754	9.6951	.48336	.99357
Stddev	.00120	.1221	.00584	.00125	.0950	.00035	.02351
%RSD	.24227	2.1012	1.2042	.25636	.97963	.07166	2.3658

#1	.49617	5.8969	.48064	.48842	9.7622	.48360	1.0102
#2	.49448	5.7243	.48890	.48665	9.6279	.48311	.97695

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8445	2.4139	2.3944	F -.01875	F 2.2360	F 2.3476	F 2.3726
Stddev	.0257	.0260	.0243	.00317	.0054	.0340	.0066
%RSD	.26159	1.0765	1.0133	16.926	.24280	1.4503	.27956

#1	9.8628	2.3955	2.4116	-.01650	2.2399	2.3235	2.3773
#2	9.8263	2.4323	2.3773	-.02099	2.2322	2.3717	2.3679

Sample Name: ICV01 Acquired: 10/5/2018 12:17:07 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00296	F .0086	F .77484	F 1.4194	F 2.2557
Stddev	.00143	.0013	.01044	.0395	.3712
%RSD	48.463	15.42	1.3475	2.7817	16.454

#1	-.00195	.0077	.78222	1.3914	2.5181
#2	-.00397	.0096	.76745	1.4473	1.9932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.8	66924.	5079.1	107.13	4150.8
Stddev	5.8	7.	33.3	3.47	8.6
%RSD	.19722	.01019	.65597	3.2398	.20684

#1	2960.6	66919.	5055.5	104.68	4156.9
#2	2968.9	66928.	5102.6	109.58	4144.8

Sample Name: LLICV01 Acquired: 10/5/2018 12:22:43 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01762	.04475	.01212	.01671	.05382	.10255	.10699
Stddev	.00009	.00064	.00111	.00168	.00251	.01617	.00023
%RSD	.48532	1.4360	9.1740	10.081	4.6688	15.768	.21655

#1	.01756	.04520	.01134	.01552	.05204	.11399	.10716
#2	.01768	.04429	.01291	.01790	.05560	.09112	.10683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00605	.00582	2.0679	.01045	.03217	.02113	.10254
Stddev	.00005	.00002	.0205	.00035	.00013	.00006	.00518
%RSD	.82276	.26029	.99351	3.3100	.41922	.28756	5.0497

#1	.00602	.00583	2.0534	.01021	.03207	.02117	.09888
#2	.00609	.00581	2.0825	.01070	.03227	.02109	.10621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02215	2.1609	.04231	.00995	2.0731	.04332	.04525
Stddev	.00020	.0488	.00082	.00074	.0017	.00044	.00003
%RSD	.88156	2.2569	1.9313	7.4028	.07977	1.0264	.07527

#1	.02229	2.1954	.04173	.01048	2.0743	.04301	.04528
#2	.02201	2.1264	.04288	.00943	2.0720	.04364	.04523

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0638	.20205	.10062	F -.01251	.40735	.04165	.04276
Stddev	.0093	.00126	.01135	.00362	.00070	.00121	.00119
%RSD	.45198	.62122	11.283	28.931	.17134	2.9074	2.7792

#1	2.0704	.20116	.09259	-.01507	.40785	.04251	.04360
#2	2.0572	.20293	.10864	-.00995	.40686	.04079	.04192

Sample Name: LLICV01 Acquired: 10/5/2018 12:22:43 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01912	.0172	.02031	F 1.3143	F .92438
Stddev	.00004	.0011	.00002	.4420	.48755
%RSD	.21763	6.153	.12042	33.626	52.743

#1	.01909	.0165	.02033	1.0018	1.2691
#2	.01915	.0180	.02030	1.6268	.57963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.3	67681.	5027.8	107.48	4267.8
Stddev	.5	169.	7.3	.20	2.4
%RSD	.01664	.25016	.14595	.18889	.05545

#1	2987.7	67561.	5033.0	107.34	4269.5
#2	2987.0	67801.	5022.6	107.63	4266.2

Sample Name: ICB01 Acquired: 10/5/2018 12:27:25 Type: Unk
Method: P4-ICP2(v2481) 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	.00128	.00108	-.00014	-.00024	-.00116	-.00520	.00007
Stddev	.00183	.00060	.00009	.00063	.00063	.01281	.00015
%RSD	143.65	55.391	61.509	267.53	53.957	246.55	220.10

#1	.00257	.00151	-.00021	-.00068	-.00161	.00386	-.00004
#2	-.00002	.00066	-.00008	.00021	-.00072	-.01425	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00004	-.01579	-.00028	.00019	-.00034	.01956
Stddev	.00002	.00000	.00206	.00047	.00004	.00007	.01069
%RSD	59.801	2.4743	13.057	169.94	18.559	21.560	54.664

#1	-.00006	.00004	-.01725	.00006	.00022	-.00039	.02712
#2	-.00002	.00004	-.01433	-.00061	.00017	-.00029	.01200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00606	.00066	-.00040	-.05335	-.00018	-.00027
Stddev	.00004	.04679	.00029	.00030	.00427	.00004	.00001
%RSD	124.38	772.28	43.100	75.849	8.0044	23.463	1.8537

#1	-.00006	-.03914	.00087	-.00061	-.05637	-.00015	-.00028
#2	-.00000	.02703	.00046	-.00018	-.05033	-.00021	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06018	.00003	-.01340	F -.03496	-.00074	-.00070	-.00187
Stddev	.02905	.00014	.00144	.00038	.00068	.00031	.00144
%RSD	48.266	536.10	10.770	1.0813	92.191	44.724	77.112

#1	-.08072	-.00007	-.01442	-.03470	-.00122	-.00092	-.00289
#2	-.03964	.00012	-.01238	-.03523	-.00026	-.00048	-.00085

Sample Name: ICB01 Acquired: 10/5/2018 12:27:25 Type: Unk
 Method: P4-ICP2(v2481) 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	-.00421	.0007	.00009	F<.00000	F .84441
Stddev	.00112	.0001	.00008	.41689	.44204
%RSD	26.564	13.16	92.469	111.57	52.349

#1	-.00500	.0007	.00015	-.07889	1.1570
#2	-.00342	.0006	.00003	-.66846	.53184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.9	68419.	5024.2	107.95	4314.0
Stddev	7.5	32.	7.1	1.25	13.5
%RSD	.24877	.04631	.14080	1.1617	.31286

#1	3003.6	68441.	5029.2	107.07	4304.4
#2	3014.2	68396.	5019.2	108.84	4323.5

Sample Name: CRI01 Acquired: 10/5/2018 12:31:29 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02055	.04487	.01227	.01937	.05240	.10049	.10636
Stddev	.00207	.00154	.00053	.00046	.00182	.00069	.00028
%RSD	10.061	3.4213	4.3084	2.3915	3.4779	.69023	.26342

#1	.01909	.04596	.01264	.01905	.05112	.10098	.10655
#2	.02201	.04379	.01190	.01970	.05369	.10000	.10616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	.00576	2.0546	.01005	.03154	.02119	.10219
Stddev	.00008	.00001	.0078	.00034	.00053	.00006	.00063
%RSD	1.2735	.16838	.38006	3.4066	1.6692	.27572	.61566

#1	.00590	.00576	2.0491	.00981	.03117	.02123	.10174
#2	.00600	.00577	2.0601	.01030	.03191	.02115	.10263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02207	2.0904	.04266	.00960	2.0607	.04320	.04390
Stddev	.00023	.0116	.00023	.00060	.0081	.00000	.00018
%RSD	1.0430	.55424	.54584	6.2696	.39344	.00251	.40606

#1	.02190	2.0822	.04250	.00918	2.0549	.04320	.04377
#2	.02223	2.0986	.04283	.01003	2.0664	.04319	.04402

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0034	.20095	.10010	F -.01754	.39672	.03991	.04352
Stddev	.0133	.00018	.00102	.00168	.00783	.00121	.00696
%RSD	.66337	.08868	1.0166	9.5999	1.9732	3.0307	15.986

#1	1.9940	.20107	.09938	-.01873	.39118	.04077	.03860
#2	2.0128	.20082	.10082	-.01635	.40225	.03906	.04844

Sample Name: CRI01 Acquired: 10/5/2018 12:31:29 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01620	.0192	.02012	F<.00000	F .56005
Stddev	.00151	.0013	.00019	.39707	.46670
%RSD	9.3028	6.813	.95065	336.23	83.333

#1	.01727	.0202	.02026	.16267	.23004
#2	.01514	.0183	.01999	-.39886	.89005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.4	68331.	5055.2	110.15	4296.8
Stddev	4.4	162.	31.6	.67	.5
%RSD	.14592	.23741	.62442	.60500	.01111

#1	3000.3	68446.	5077.6	109.68	4296.4
#2	3006.5	68216.	5032.9	110.62	4297.1

Sample Name: ICSA01 Acquired: 10/5/2018 12:35:33 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00560	.00216	-.00646	-.01684	.00118	269.85	.00517
Stddev	.00034	.00265	.00165	.00329	.00308	.92	.00034
%RSD	6.1439	122.82	25.513	19.543	262.19	.34229	6.4843

#1	.00535	.00028	-.00530	-.01917	-.00100	269.20	.00541
#2	.00584	.00403	-.00763	-.01452	.00335	270.50	.00493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00028	241.31	.05363	-.00083	.01022	95.079
Stddev	.00010	.00002	1.50	.00011	.00010	.00018	.470
%RSD	27.622	8.1220	.62355	.20360	12.250	1.7720	.49411

#1	.00044	-.00030	242.38	.05356	-.00090	.01009	95.411
#2	.00029	-.00026	240.25	.05371	-.00075	.01034	94.747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01050	255.43	-.00284	-.00204	.22224	.00116	.00873
Stddev	.00009	.33	.00031	.00007	.00444	.00048	.00025
%RSD	.85328	.12833	10.799	3.2481	1.9979	41.682	2.8890

#1	.01057	255.66	-.00262	-.00208	.22538	.00150	.00890
#2	.01044	255.20	-.00305	-.00199	.21910	.00082	.00855

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27120	-.00048	-.00702	F -.02813	.22844	.00696	.00112
Stddev	.02159	.00028	.00179	.00423	.00426	.00096	.00016
%RSD	7.9618	58.477	25.448	15.033	1.8634	13.856	14.243

#1	.25593	-.00028	-.00576	-.02514	.23145	.00765	.00101
#2	.28646	-.00068	-.00828	-.03112	.22543	.00628	.00123

Sample Name: ICSA01 Acquired: 10/5/2018 12:35:33 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00227	F .0384	F .10115	.00761	F 23.623
Stddev	.00024	.0023	.00077	.62499	.415
%RSD	10.628	5.988	.76135	8210.2	1.7553

#1	.00244	.0368	.10169	.44954	23.330
#2	.00210	.0400	.10061	-.43432	23.917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.3	60091.	4855.2	100.26	3538.0
Stddev	8.7	4.	41.8	.99	1.8
%RSD	.32130	.00630	.86133	.98632	.05109

#1	2702.4	60093.	4825.6	99.560	3539.3
#2	2690.1	60088.	4884.8	100.96	3536.8

Sample Name: ICSAB01 Acquired: 10/5/2018 13:12:41 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10286	.10092	.04096	.03001	.59161	262.48	.51723
Stddev	.00250	.00175	.00141	.00486	.00186	2.59	.00210
%RSD	2.4298	1.7296	3.4307	16.197	.31479	.98520	.40632

#1	.10463	.09968	.04196	.02657	.59293	260.65	.51872
#2	.10109	.10215	.03997	.03344	.59029	264.31	.51575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51456	.94544	239.67	.53615	.47347	.48784	94.267
Stddev	.00084	.00235	.31	.00065	.00181	.00075	.907
%RSD	.16339	.24831	.12794	.12073	.38183	.15352	.96168

#1	.51396	.94378	239.46	.53569	.47219	.48731	93.626
#2	.51515	.94710	239.89	.53660	.47475	.48837	94.908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50253	254.11	.93901	.20727	-.01744	.49186	.96536
Stddev	.00075	.20	.00168	.00044	.01382	.00181	.00675
%RSD	.14845	.08036	.17904	.21394	79.206	.36757	.69964

#1	.50200	254.26	.93782	.20758	-.02721	.49058	.96058
#2	.50305	253.97	.94019	.20696	-.00767	.49314	.97013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04290	-.00010	.00082	F -.05045	-.00843	.00791	.00021
Stddev	.00806	.00012	.01403	.00193	.00114	.00014	.00137
%RSD	18.778	120.76	1707.0	3.8235	13.505	1.7064	640.46

#1	-.03720	-.00001	-.00910	-.04909	-.00762	.00782	-.00076
#2	-.04860	-.00018	.01074	-.05182	-.00923	.00801	.00118

Sample Name: ICSAB01 Acquired: 10/5/2018 13:12:41 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	F .0115	.10037	F<.00000	F 23.323
Stddev	.00017	.0023	.00069	.04061	.016
%RSD	7.5965	19.85	.68837	3.2389	.06807

#1	-.00211	.0131	.10086	-1.2251	23.311
#2	-.00235	.0099	.09988	-1.2825	23.334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.0	60492.	4819.7	100.20	3538.7
Stddev	5.5	92.	25.3	.29	4.5
%RSD	.20576	.15188	.52394	.28455	.12760

#1	2678.1	60557.	4801.8	100.40	3535.5
#2	2685.9	60427.	4837.5	99.994	3541.9

Sample Name: CCV01 Acquired: 10/5/2018 13:16:40 Type: Unk
Method: P4-ICP2(v2481) 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	4.8509	4.8059	4.8019	4.8849	4.8518	9.7936	10.017	.24316
Stddev	.0124	.0093	.0057	.0131	.0138	.1053	.047	.00010
%RSD	.25577	.19308	.11894	.26830	.28492	1.0748	.47016	.03979
#1	4.8421	4.7993	4.7978	4.8756	4.8420	9.7191	10.050	.24323
#2	4.8597	4.8124	4.8059	4.8942	4.8615	9.8680	9.9837	.24309
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4046	24.326	.95962	2.3930	1.2255	4.9292	2.4553	24.502
Stddev	.0022	.025	.00479	.0004	.0053	.0459	.0003	.171
%RSD	.09222	.10172	.49900	.01889	.43270	.93135	.01402	.69836
#1	2.4030	24.308	.95623	2.3927	1.2218	4.9616	2.4550	24.623
#2	2.4061	24.343	.96300	2.3933	1.2293	4.8967	2.4555	24.381
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4051	1.1939	24.517	2.4281	2.4977	24.892	4.8584	5.0327
Stddev	.0026	.0026	.131	.0065	.0459	.119	.0113	.0070
%RSD	.10934	.21749	.53596	.26772	1.8399	.47807	.23263	.13898
#1	2.4033	1.1921	24.610	2.4235	2.5302	24.976	4.8504	5.0278
#2	2.4070	1.1957	24.424	2.4327	2.4652	24.808	4.8664	5.0377
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7831	4.8110	4.7833	4.8727	F 5.4255	4.868	4.9087	F 3.4755
Stddev	.0041	.0182	.0023	.0006	.0160	.008	.0284	.4466
%RSD	.08607	.37765	.04771	.01197	.29472	.1668	.57852	12.850
#1	4.7801	4.7982	4.7817	4.8723	5.4368	4.874	4.9288	3.7913
#2	4.7860	4.8239	4.7850	4.8731	5.4142	4.863	4.8887	3.1597

Sample Name: CCV01 Acquired: 10/5/2018 13:16:40 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9183
Stddev .8088
%RSD 27.714

#1 3.4902
#2 2.3464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.1	65164.	4961.0	102.20	3894.7
Stddev	2.1	137.	38.5	2.03	4.5
%RSD	.07367	.21037	.77696	1.9821	.11617

#1	2894.6	65067.	4933.8	100.77	3891.5
#2	2891.6	65261.	4988.3	103.63	3897.9

Sample Name: CCB01 Acquired: 10/5/2018 13:20:26 Type: Unk
Method: P4-ICP2(v2481) 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	.00117	.00160	.00019	-.00014	.00040	.00672	.00066
Stddev	.00132	.00185	.00132	.00022	.00058	.00372	.00016
%RSD	113.21	115.59	712.55	151.17	144.31	55.449	24.574

#1	.00023	.00029	-.00075	.00001	-.00001	.00408	.00077
#2	.00210	.00291	.00112	-.00030	.00081	.00935	.00054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	-.00201	-.00049	.00008	-.00019	.00875
Stddev	.00005	.00008	.01381	.00001	.00009	.00012	.00394
%RSD	246.97	232.45	687.21	2.6079	119.90	66.498	45.080

#1	.00001	.00009	.00776	-.00050	.00015	-.00010	.01154
#2	-.00005	-.00002	-.01178	-.00048	.00001	-.00027	.00596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00509	.00023	-.00128	-.08781	-.00016	-.00022
Stddev	.00005	.04704	.00019	.00012	.00137	.00036	.00004
%RSD	119.55	924.11	82.673	9.6870	1.5601	228.43	17.503

#1	-.00001	.02817	.00009	-.00137	-.08878	.00010	-.00019
#2	-.00008	-.03835	.00036	-.00119	-.08684	-.00041	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10957	.00015	-.00746	F -.03590	-.00318	-.00044	.00264
Stddev	.02617	.00014	.00493	.00211	.00039	.00021	.00034
%RSD	23.883	92.565	66.131	5.8892	12.217	46.428	12.792

#1	-.12807	.00005	-.00397	-.03441	-.00290	-.00059	.00288
#2	-.09107	.00026	-.01095	-.03740	-.00345	-.00030	.00240

Sample Name: CCB01 Acquired: 10/5/2018 13:20:26 Type: Unk
 Method: P4-ICP2(v2481) 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	-.00596	.0003	.00009	F .64020	F 1.1432
Stddev	.00196	.0014	.00001	.28165	.0194
%RSD	32.950	430.8	12.516	43.994	1.6984

#1	-.00457	.0013	.00010	.44104	1.1570
#2	-.00735	-.0007	.00008	.83936	1.1295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.1	68576.	5031.4	109.09	4336.5
Stddev	.8	271.	4.3	.86	1.1
%RSD	.02680	.39493	.08535	.78615	.02486

#1	3029.5	68385.	5028.3	108.49	4337.2
#2	3030.6	68768.	5034.4	109.70	4335.7

Sample Name: J5188-03DL2X100 Acquired: 10/5/2018 13:24:32 Type: Unk
Method: P4-ICP2(v2481) 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	.00152	-.00009	-.00174	-.00012	-.00074	-.00478	.00157	.00000
Stddev	.00018	.00060	.00042	.00045	.00005	.00136	.00070	.00001
%RSD	11.800	668.66	24.157	360.59	6.1158	28.340	44.414	427.52
#1	.00164	-.00051	-.00204	-.00044	-.00071	-.00574	.00207	.00001
#2	.00139	.00033	-.00144	.00019	-.00077	-.00383	.00108	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.21014	.04490	.00237	5.0485	.06497	.00173	.15665
Stddev	.00003	.02864	.00059	.00019	.0050	.00804	.00002	.01275
%RSD	8.2962	13.631	1.3134	8.2077	.09814	12.380	1.2696	8.1383
#1	-.00038	.23039	.04448	.00250	5.0520	.07066	.00174	.16567
#2	-.00033	.18988	.04531	.00223	5.0450	.05929	.00171	.14764
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1151	.00276	450.37	.00001	-.00203	351.33	.00581	13.116
Stddev	.0086	.00013	3.70	.00042	.00056	1.32	.00020	.012
%RSD	.40500	4.7531	.82093	4070.3	27.850	.37678	3.4648	.08903
#1	2.1212	.00267	452.99	-.00028	-.00243	350.40	.00596	13.108
#2	2.1091	.00286	447.76	.00030	-.00163	352.27	.00567	13.125
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 330.98	.04958	-.12403	-.00022	.03296	1.661	.00471	3.9736
Stddev	1.09	.00317	.00006	.00091	.00026	.002	.00002	.0431
%RSD	.32885	6.4031	.04651	414.97	.79903	.1343	.40080	1.0839
#1	331.75	.05183	-.12399	-.00086	.03314	1.660	.00469	3.9432
#2	330.21	.04734	-.12407	.00042	.03277	1.663	.00472	4.0041

Sample Name: J5188-03DL2X100 Acquired: 10/5/2018 13:24:32 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1874
Stddev	.1594
%RSD	7.2879

#1	2.3002
#2	2.0747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.6	60838.	4924.7	103.82	3653.3
Stddev	1.5	113.	7.1	2.57	11.6
%RSD	.05441	.18650	.14389	2.4767	.31654

#1	2769.5	60757.	4929.7	105.64	3645.1
#2	2771.6	60918.	4919.7	102.00	3661.5

Sample Name: J5188-07DL2X100 Acquired: 10/5/2018 13:28:39 Type: Unk
Method: P4-ICP2(v2481) 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	.00264	.00196	.41272	-.00252	-.00951	.54692	.04024	.00003
Stddev	.00008	.00229	.00007	.00370	.00146	.00523	.00117	.00008
%RSD	2.9546	116.94	.01795	146.94	15.372	.95535	2.9110	237.24

#1	.00258	.00358	.41267	.00010	-.00848	.54323	.04107	-.00002
#2	.00269	.00034	.41277	-.00513	-.01055	.55062	.03941	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00393	1.4719	1.3716	.00933	7.0401	8.0698	.04261	.10552
Stddev	.00007	.0163	.0009	.00017	.0035	.0072	.00006	.01101
%RSD	1.8281	1.1087	.06562	1.8141	.05031	.08915	.14614	10.431

#1	-.00398	1.4834	1.3722	.00945	7.0426	8.0748	.04266	.09774
#2	-.00388	1.4603	1.3710	.00921	7.0376	8.0647	.04257	.11331

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.059	-.00014	4.5317	.00047	.64543	2.8420	.00287	.41233
Stddev	.086	.00011	.0199	.00041	.00214	.0039	.00015	.01178
%RSD	.37300	77.827	.43931	85.959	.33156	.13864	5.1674	2.8570

#1	22.999	-.00006	4.5458	.00076	.64391	2.8448	.00297	.42066
#2	23.120	-.00021	4.5177	.00019	.64694	2.8392	.00276	.40400

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5304	.02864	.00810	.01589	-.00693	.1777	.01406	.21145
Stddev	.0001	.00338	.00000	.00031	.00106	.0021	.00019	.31757
%RSD	.00184	11.815	.00483	1.9217	15.319	1.205	1.3514	150.18

#1	4.5304	.03103	.00810	.01568	-.00768	.1762	.01420	.43601
#2	4.5305	.02625	.00810	.01611	-.00618	.1792	.01393	-.01310

Sample Name: J5188-07DL2X100 Acquired: 10/5/2018 13:28:39 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6148
Stddev	.0366
%RSD	1.0137

#1	3.6407
#2	3.5889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2985.9	68036.	5072.1	109.96	4231.6
Stddev	.5	65.	.9	.51	19.7
%RSD	.01676	.09600	.01705	.46427	.46463

#1	2986.3	67990.	5072.7	110.32	4245.5
#2	2985.6	68082.	5071.5	109.60	4217.7

Sample Name: J5239-01 Acquired: 10/5/2018 13:32:38 Type: Unk
Method: P4-ICP2(v2481) 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	.00113	.00087	.02146	-.00015	-.00115	1.1768	.06581	.00008
Stddev	.00452	.00241	.00040	.00051	.00112	.0061	.00051	.00007
%RSD	398.07	276.43	1.8729	340.08	96.805	.51857	.77898	87.701

#1	-.00206	-.00083	.02175	.00021	-.00036	1.1812	.06617	.00012
#2	.00433	.00257	.02118	-.00051	-.00194	1.1725	.06545	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	29.719	.00448	.00166	.03789	7.6353	.17165	4.3464
Stddev	.00004	.025	.00029	.00006	.00041	.2470	.00122	.0121
%RSD	17.506	.08269	6.5077	3.5814	1.0946	3.2349	.70830	.27717

#1	.00023	29.736	.00427	.00170	.03760	7.4606	.17250	4.3379
#2	.00018	29.701	.00469	.00162	.03818	7.8099	.17079	4.3549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	-.00107	22.086	.00419	.33542	2.8016	.00045	.03715
Stddev	.00027	.00010	.015	.00011	.00877	.0032	.00038	.00200
%RSD	4.7137	9.1698	.06584	2.6230	2.6137	.11609	84.209	5.3939

#1	.00549	-.00114	22.075	.00427	.32922	2.8039	.00018	.03857
#2	.00587	-.00100	22.096	.00411	.34162	2.7993	.00073	.03573

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6305	4.4022	-.00149	.05218	-.00677	1.368	.09842	2.3686
Stddev	.0024	.0252	.00001	.00231	.00075	.001	.00003	.2152
%RSD	.09262	.57227	.98546	4.4285	11.157	.0493	.02911	9.0854

#1	2.6322	4.4200	-.00150	.05055	-.00623	1.368	.09844	2.2164
#2	2.6287	4.3844	-.00148	.05382	-.00730	1.369	.09839	2.5208

Sample Name: J5239-01 Acquired: 10/5/2018 13:32:38 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0483
 Stddev .3689
 %RSD 9.1132

#1 4.3092
 #2 3.7874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.2	68666.	5238.3	114.24	4285.1
Stddev	11.7	97.	1.5	3.31	7.3
%RSD	.38677	.14159	.02826	2.8930	.17051

#1	3021.5	68735.	5239.4	116.58	4290.3
#2	3005.0	68598.	5237.3	111.91	4279.9

Sample Name: J5239-02 Acquired: 10/5/2018 13:36:39 Type: Unk
Method: P4-ICP2(v2481) 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	-.00032	.00107	.01748	.00371	-.00199	.99908	.06237	.00009
Stddev	.00028	.00009	.00112	.00274	.00038	.01690	.00055	.00000
%RSD	87.403	8.8434	6.4350	73.664	19.142	1.6911	.88388	.05677
#1	-.00052	.00114	.01669	.00178	-.00172	1.0110	.06198	.00009
#2	-.00012	.00101	.01828	.00565	-.00226	.98713	.06276	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	28.734	.00284	.00139	.03104	7.0639	.16234	4.0606
Stddev	.00011	.102	.00004	.00002	.00020	.3022	.00020	.0345
%RSD	78.376	.35484	1.5363	1.3012	.64312	4.2776	.12041	.84879
#1	-.00006	28.806	.00281	.00138	.03090	6.8502	.16221	4.0363
#2	-.00022	28.661	.00287	.00140	.03118	7.2776	.16248	4.0850
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	-.00092	21.446	.00316	.30773	2.6488	.00045	.02258
Stddev	.00007	.00019	.002	.00050	.01138	.0042	.00016	.00228
%RSD	1.6601	20.884	.00849	15.729	3.6996	.15810	34.693	10.090
#1	.00407	-.00105	21.445	.00281	.29968	2.6518	.00034	.02097
#2	.00397	-.00078	21.447	.00351	.31578	2.6459	.00056	.02419
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5028	3.9969	-.00156	.04421	-.00713	1.279	.09513	3.0280
Stddev	.0012	.0088	.00038	.00200	.00076	.001	.00036	.3188
%RSD	.04684	.21951	24.184	4.5329	10.664	.0610	.37468	10.529
#1	2.5036	4.0031	-.00183	.04279	-.00659	1.279	.09538	2.8026
#2	2.5020	3.9907	-.00130	.04563	-.00767	1.280	.09488	3.2534

Sample Name: J5239-02 Acquired: 10/5/2018 13:36:39 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0893
 Stddev .4910
 %RSD 12.008

#1 3.7421
 #2 4.4365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.6	67814.	5204.3	114.01	4296.3
Stddev	4.9	80.	8.0	4.15	1.2
%RSD	.16375	.11863	.15329	3.6440	.02692

#1	3007.1	67871.	5198.7	116.94	4297.1
#2	3014.1	67757.	5210.0	111.07	4295.5

Sample Name: J5260-01 Acquired: 10/5/2018 13:40:38 Type: Unk
Method: P4-ICP2(v2481) 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	.00668	.00265	.00083	.00299	-.00147	.09935	.24994	.00007
Stddev	.00206	.00237	.00096	.00072	.00099	.00141	.00280	.00000
%RSD	30.858	89.321	115.83	24.057	67.051	1.4162	1.1213	2.7865

#1	.00813	.00098	.00151	.00248	-.00217	.09835	.25192	.00008
#2	.00522	.00432	.00015	.00350	-.00078	.10034	.24796	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	199.63	-.00046	-.00042	.00254	-.02510	.00367	105.68
Stddev	.00004	1.86	.00015	.00011	.00021	.01474	.00011	.80
%RSD	27.505	.93203	32.693	26.815	8.4063	58.722	2.9742	.75754

#1	-.00012	200.94	-.00056	-.00034	.00269	-.01468	.00374	106.25
#2	-.00017	198.31	-.00035	-.00049	.00239	-.03553	.00359	105.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00057	1214.3	.00171	.11652	53.938	.00703	.55047
Stddev	.00023	.00106	3.3	.00000	.00367	.335	.00013	.01559
%RSD	242.82	187.94	.26847	.04862	3.1538	.62058	1.8299	2.8323

#1	.00007	-.00132	1216.6	.00171	.11912	54.175	.00712	.56149
#2	-.00025	.00019	1212.0	.00171	.11392	53.701	.00694	.53945

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	137.80	13.677	-.05026	-.00372	.02547	.0428	1.4751	11.963
Stddev	.31	.161	.00079	.00053	.00201	.0000	.0130	1.218
%RSD	.22842	1.1749	1.5677	14.284	7.8731	.0368	.88422	10.182

#1	138.02	13.791	-.04970	-.00409	.02405	.0428	1.4844	11.101
#2	137.57	13.563	-.05082	-.00334	.02689	.0428	1.4659	12.824

Sample Name: J5260-01 Acquired: 10/5/2018 13:40:38 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4620
 Stddev .0384
 %RSD 1.1086

#1 3.4348
 #2 3.4891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.3	57261.	4835.9	101.35	3381.6
Stddev	1.4	169.	47.6	2.80	4.0
%RSD	.05395	.29511	.98474	2.7666	.11949

#1	2595.3	57141.	4802.2	99.363	3384.5
#2	2593.3	57380.	4869.6	103.33	3378.7

Sample Name: J5221-01 Acquired: 10/5/2018 13:44:43 Type: Unk
Method: P4-ICP2(v2481) 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	.00278	.00305	-.00079	.00237	-.00091	.00118	.01978	.00003
Stddev	.00329	.00116	.00037	.00233	.00218	.01444	.00081	.00001
%RSD	118.44	38.002	46.870	98.381	240.40	1226.8	4.1054	43.997

#1	.00045	.00223	-.00053	.00072	-.00245	-.00903	.02035	.00002
#2	.00510	.00387	-.00105	.00402	.00064	.01139	.01920	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	42.794	-.00035	-.00009	.00153	-.00354	.00249	70.317
Stddev	.00005	.201	.00030	.00001	.00018	.01213	.00014	.370
%RSD	41.924	.46980	85.074	13.941	11.840	342.41	5.4171	.52553

#1	-.00009	42.936	-.00014	-.00010	.00166	.00503	.00259	70.578
#2	-.00016	42.652	-.00057	-.00009	.00140	-.01212	.00240	70.055

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00115	544.77	.00105	.00105	22.853	.00092	.23941
Stddev	.00008	.00019	8.87	.00049	.00001	.089	.00015	.00625
%RSD	8.6381	16.517	1.6279	46.272	1.0678	.38874	16.421	2.6122

#1	-.00098	-.00101	551.04	.00140	.00104	22.916	.00103	.24383
#2	-.00087	-.00128	538.50	.00071	.00105	22.790	.00081	.23498

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.896	.87688	-.02028	-.00007	.00115	.0648	.48462	5.3568
Stddev	.056	.00606	.00106	.00041	.00053	.0009	.00103	1.6903
%RSD	.10963	.69102	5.2359	623.57	45.913	1.354	.21207	31.554

#1	50.936	.88117	-.01953	-.00035	.00078	.0642	.48535	6.5520
#2	50.857	.87260	-.02103	.00022	.00152	.0655	.48390	4.1616

Sample Name: J5221-01 Acquired: 10/5/2018 13:44:43 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9919
 Stddev .0763
 %RSD 2.5498

#1 3.0458
 #2 2.9379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.7	60336.	5020.2	108.57	3765.9
Stddev	3.2	2617.	28.7	2.60	9.0
%RSD	.11434	4.3378	.57236	2.3980	.23875

#1	2810.4	58485.	4999.9	106.73	3759.6
#2	2814.9	62187.	5040.5	110.41	3772.3

Sample Name: J5221-01DUP Acquired: 10/5/2018 13:48:49 Type: Unk
Method: P4-ICP2(v2481) 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	.00201	.00140	-.00060	-.00023	-.00391	.00382	.01959	-.00002
Stddev	.00051	.00135	.00114	.00264	.00050	.02271	.00055	.00003
%RSD	25.346	96.352	189.89	1134.9	12.730	594.36	2.7924	145.33

#1	.00165	.00235	-.00140	.00163	-.00356	.01988	.01998	.00000
#2	.00237	.00045	.00020	-.00210	-.00426	-.01224	.01920	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	42.383	-.00052	-.00037	.00138	.00002	.00246	70.320
Stddev	.00003	.230	.00006	.00009	.00042	.01323	.00001	.142
%RSD	34.624	.54250	11.688	25.275	30.099	55490.	.47500	.20150

#1	-.00006	42.220	-.00048	-.00031	.00109	-.00933	.00245	70.220
#2	-.00010	42.546	-.00056	-.00044	.00168	.00938	.00247	70.420

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00106	541.70	.00043	.00104	22.662	.00063	.23737
Stddev	.00024	.00009	2.58	.00059	.00012	.173	.00002	.00824
%RSD	36.289	8.9456	.47625	135.85	11.322	.76460	3.2389	3.4698

#1	-.00050	-.00112	543.52	.00084	.00096	22.539	.00065	.24319
#2	-.00084	-.00099	539.87	.00002	.00112	22.784	.00062	.23154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.571	.85900	-.01913	-.00065	.00082	.0652	.47735	5.9292
Stddev	.106	.00023	.00019	.00249	.00042	.0027	.00245	.3810
%RSD	.21012	.02694	.99183	384.39	50.796	4.187	.51315	6.4250

#1	50.646	.85916	-.01927	-.00241	.00053	.0633	.47562	5.6598
#2	50.496	.85884	-.01900	.00111	.00112	.0671	.47908	6.1986

Sample Name: J5221-01DUP Acquired: 10/5/2018 13:48:49 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0456
Stddev .2591
%RSD 8.5070

#1 2.8624
#2 3.2288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.8	62472.	5090.4	108.87	3798.7
Stddev	12.2	32.	29.4	.98	8.6
%RSD	.43231	.05180	.57666	.90224	.22572

#1	2840.4	62449.	5111.1	109.56	3792.6
#2	2823.1	62495.	5069.6	108.17	3804.7

Sample Name: J5221-01LX5 Acquired: 10/5/2018 13:52:55 Type: Unk
Method: P4-ICP2(v2481) 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	.00132	.00067	-.00079	.00022	-.00213	.00364	.00337	.00007
Stddev	.00210	.00138	.00020	.00051	.00022	.00561	.00039	.00003
%RSD	158.84	205.18	25.862	229.93	10.440	154.15	11.542	43.598

#1	-.00016	-.00030	-.00093	.00058	-.00197	-.00033	.00310	.00009
#2	.00281	.00165	-.00064	-.00014	-.00229	.00761	.00365	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	6.9820	-.00044	.00000	.00043	.01406	.00044	11.367
Stddev	.00003	.0873	.00074	.00012	.00003	.00308	.00001	.171
%RSD	224.88	1.2504	170.81	4510.1	6.9411	21.943	3.4155	1.5008

#1	-.00003	6.9202	.00009	.00009	.00041	.01187	.00045	11.247
#2	.00001	7.0437	-.00096	-.00008	.00045	.01624	.00043	11.488

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00140	91.532	.00014	-.00005	3.7029	.00028	.01682
Stddev	.00050	.00008	1.271	.00021	.00010	.0550	.00022	.00812
%RSD	245.91	5.7175	1.3882	146.95	203.38	1.4858	80.086	48.289

#1	-.00055	-.00135	90.634	.00029	.00002	3.6640	.00012	.01108
#2	.00015	-.00146	92.431	-.00001	-.00012	3.7418	.00044	.02256

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4104	.14665	-.00569	.00087	.00444	.0122	.07963	2.0210
Stddev	.2432	.00187	.00099	.00094	.00057	.0005	.00113	.4008
%RSD	2.8921	1.2778	17.319	107.64	12.931	4.440	1.4209	19.834

#1	8.2384	.14532	-.00499	.00021	.00403	.0118	.07883	1.7375
#2	8.5823	.14797	-.00639	.00154	.00484	.0126	.08043	2.3044

Sample Name: J5221-01LX5 Acquired: 10/5/2018 13:52:55 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1969
Stddev .1441
%RSD 6.5582

#1 2.2988
#2 2.0951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2999.0	66865.	5075.3	111.07	4170.1
Stddev	11.9	124.	28.1	1.16	15.5
%RSD	.39681	.18530	.55436	1.0475	.37117

#1	2990.6	66777.	5055.4	110.25	4159.1
#2	3007.5	66952.	5095.2	111.90	4181.0

Sample Name: J5221-01MS Acquired: 10/5/2018 13:56:56 Type: Unk
Method: P4-ICP2(v2481) 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	.80839	1.8154	.92838	2.0264	.77270	2.2093	.22306	.22428	.18962
Stddev	.00484	.0132	.00591	.0106	.00175	.1330	.00068	.01811	.00142
%RSD	.59889	.72462	.63692	.52222	.22605	6.0218	.30639	8.0766	.75121

#1	.81182	1.8247	.93256	2.0339	.77147	2.3033	.22354	.23709	.19063
#2	.80497	1.8061	.92419	2.0189	.77394	2.1152	.22257	.21147	.18862

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.129	.42179	.19172	.29232	2.8520	.21642	71.025	.47723	.07282
Stddev	.097	.02937	.00081	.00063	.0097	.01663	.125	.00447	.00556
%RSD	.22420	6.9630	.42315	.21617	.33977	7.6843	.17573	.93601	7.6340

#1	43.060	.44255	.19229	.29276	2.8451	.22818	70.937	.48039	.07675
#2	43.197	.40102	.19114	.29187	2.8588	.20466	71.113	.47408	.06889

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	537.16	.32617	.19432	32.516	.38111	.53054	49.786	1.7554	.65096
Stddev	.51	.02435	.00118	.118	.00090	.00634	.165	.0096	.00460
%RSD	.09471	7.4641	.60822	.36367	.23612	1.1950	.33092	.54619	.70630

#1	537.52	.34339	.19515	32.433	.38175	.53502	49.903	1.7622	.65421
#2	536.80	.30896	.19348	32.600	.38047	.52605	49.670	1.7486	.64771

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19282	.21880	6.247	.66843	7.1068	3.0924
Stddev	.00282	.00018	.042	.00196	2.4492	.2611
%RSD	1.4627	.08151	.6710	.29307	34.463	8.4430

#1	.19083	.21868	6.277	.66705	8.8386	3.2770
#2	.19482	.21893	6.217	.66982	5.3750	2.9077

Sample Name: J5221-01MS Acquired: 10/5/2018 13:56:56 Type: Unk
Method: P4-ICP2(v2481) 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	2840.1	59311.	5013.5	109.57	3790.6
Stddev	9.1	4102.	4.2	.11	1.3
%RSD	.32017	6.9158	.08452	.09807	.03481
#1	2846.5	56411.	5016.5	109.65	3791.5
#2	2833.7	62212.	5010.5	109.49	3789.6

Sample Name: J5221-01MSD Acquired: 10/5/2018 14:00:49 Type: Unk
Method: P4-ICP2(v2481) 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	.78702	1.7870	.90839	1.9610	.78121	1.9731	.21152	.19726	.18586
Stddev	.02627	.0505	.02859	.0616	.02370	.0162	.00031	.00026	.00559
%RSD	3.3377	2.8286	3.1477	3.1408	3.0335	.82204	.14721	.13402	3.0093

#1	.76845	1.7513	.88818	1.9175	.76445	1.9617	.21174	.19744	.18190
#2	.80560	1.8228	.92861	2.0046	.79797	1.9846	.21130	.19707	.18981

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.715	.37058	.18792	.28387	2.7056	.19118	70.647	.46724	.06426
Stddev	.069	.00107	.00561	.00834	.0132	.00026	.048	.01447	.00104
%RSD	.16213	.28743	2.9836	2.9391	.48782	.13358	.06741	3.0965	1.6160

#1	42.764	.36982	.18395	.27797	2.6963	.19100	70.681	.45701	.06353
#2	42.666	.37133	.19188	.28977	2.7150	.19136	70.614	.47747	.06500

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	534.20	.28806	.18608	31.777	.38233	.50880	50.996	1.6901	.65304
Stddev	8.70	.00012	.00060	.065	.01023	.00805	1.748	.0106	.02209
%RSD	1.6284	.04034	.32506	.20466	2.6761	1.5815	3.4281	.62890	3.3824

#1	540.35	.28814	.18565	31.823	.37510	.50311	49.760	1.6976	.63742
#2	528.05	.28798	.18651	31.731	.38956	.51449	52.233	1.6826	.66866

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18925	.20556	6.120	.65279	5.1080	3.2462
Stddev	.00102	.00038	.195	.00267	.0687	.4710
%RSD	.54029	.18419	3.192	.40933	1.3439	14.510

#1	.18852	.20530	5.982	.65467	5.1565	3.5793
#2	.18997	.20583	6.258	.65090	5.0594	2.9132

Sample Name: J5221-01MSD Acquired: 10/5/2018 14:00:49 Type: Unk
Method: P4-ICP2(v2481) 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	2785.4	62780.	5040.8	109.31	3701.0
Stddev	77.5	57.	7.6	.49	114.3
%RSD	2.7831	.09044	.15096	.44417	3.0884
#1	2840.2	62740.	5035.4	109.66	3781.8
#2	2730.6	62820.	5046.2	108.97	3620.1

Sample Name: CCV02 Acquired: 10/5/2018 14:04:41 Type: Unk
Method: P4-ICP2(v2481) 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	4.7724	4.7868	4.7343	4.8269	4.8222	9.8339	9.8683	.24148
Stddev	.0167	.0145	.0163	.0133	.0129	.0663	.0690	.00076
%RSD	.35010	.30371	.34471	.27480	.26703	.67415	.69894	.31475

#1	4.7606	4.7765	4.7227	4.8175	4.8131	9.7871	9.9170	.24202
#2	4.7842	4.7971	4.7458	4.8363	4.8313	9.8808	9.8195	.24094

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3794	24.273	.95952	2.3658	1.2073	4.8154	2.4454	24.301
Stddev	.0055	.032	.00363	.0036	.0037	.1070	.0021	.030
%RSD	.22968	.13096	.37865	.15362	.30225	2.2216	.08723	.12516

#1	2.3755	24.295	.96209	2.3632	1.2048	4.7397	2.4469	24.322
#2	2.3833	24.250	.95695	2.3684	1.2099	4.8910	2.4439	24.279

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3674	1.1741	24.084	2.4219	2.4241	24.744	4.8027	4.9797
Stddev	.0048	.0012	.085	.0060	.0398	.063	.0174	.0133
%RSD	.20403	.10273	.35282	.24939	1.6421	.25458	.36219	.26704

#1	2.3639	1.1733	24.144	2.4262	2.3959	24.789	4.7904	4.9703
#2	2.3708	1.1750	24.024	2.4176	2.4522	24.700	4.8150	4.9891

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7936	4.7177	4.7196	4.8224	5.2525	4.844	4.8526	F 3.2605
Stddev	.0064	.0278	.0050	.0169	.0293	.007	.0270	.5972
%RSD	.13406	.59005	.10608	.35106	.55687	.1534	.55629	18.316

#1	4.7891	4.7374	4.7161	4.8343	5.2732	4.839	4.8717	2.8382
#2	4.7982	4.6980	4.7231	4.8104	5.2318	4.849	4.8335	3.6828

Sample Name: CCV02 Acquired: 10/5/2018 14:04:41 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0571
Stddev .3436
%RSD 11.240

#1 3.3001
#2 2.8141

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.0	66161.	5072.9	106.44	3986.5
Stddev	9.2	187.	29.0	1.80	8.0
%RSD	.31132	.28235	.57263	1.6915	.19949

#1	2968.5	66029.	5052.4	107.71	3992.2
#2	2955.5	66293.	5093.4	105.17	3980.9

Sample Name: CCB02 Acquired: 10/5/2018 14:08:25 Type: Unk
Method: P4-ICP2(v2481) 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	-.00016	.00064	-.00121	-.00106	-.00036	.00044	.00056
Stddev	.00216	.00153	.00050	.00227	.00164	.00609	.00070
%RSD	1335.7	237.64	41.372	213.98	451.97	1376.1	125.25

#1	-.00169	-.00044	-.00156	.00054	.00080	.00475	.00006
#2	.00136	.00172	-.00085	-.00267	-.00153	-.00386	.00105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	-.01471	-.00041	.00006	-.00015	.01056
Stddev	.00001	.00008	.00138	.00016	.00015	.00044	.00354
%RSD	47.055	299.90	9.3936	39.020	233.41	293.14	33.496

#1	.00002	-.00008	-.01374	-.00053	-.00004	.00016	.01306
#2	.00001	.00003	-.01569	-.00030	.00017	-.00046	.00806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00550	.00071	-.00109	.02590	-.00018	-.00012
Stddev	.00006	.02099	.00010	.00026	.00125	.00010	.00003
%RSD	472.87	381.51	14.245	23.756	4.8091	56.035	25.101

#1	-.00005	-.02034	.00063	-.00090	.02678	-.00011	-.00014
#2	.00003	.00934	.00078	-.00127	.02502	-.00025	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01971	.00037	.00129	F -.01473	.00048	-.00133	.00167
Stddev	.00856	.00010	.01239	.00292	.00051	.00101	.00087
%RSD	43.454	26.587	962.72	19.801	106.69	76.181	52.217

#1	-.01365	.00044	.01004	-.01266	.00012	-.00061	.00105
#2	-.02576	.00030	-.00747	-.01679	.00084	-.00204	.00228

Sample Name: CCB02 Acquired: 10/5/2018 14:08:25 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00233	-0.0004	.00003	F .41642	F 1.1633
Stddev	.00101	.0023	.00008	.30366	.4290
%RSD	43.179	586.1	257.13	72.921	36.877

#1	-0.00305	.0013	.00009	.63114	.85994
#2	-0.00162	-0.0021	-0.00003	.20170	1.4666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.4	69416.	5112.6	110.64	4417.3
Stddev	1.6	239.	26.1	.49	4.7
%RSD	.05185	.34493	.51080	.44301	.10688

#1	3092.3	69247.	5094.1	110.29	4413.9
#2	3094.5	69586.	5131.0	110.99	4420.6

Sample Name: J5221-01A Acquired: 10/5/2018 14:12:28 Type: Unk
Method: P4-ICP2(v2481) 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	.75876	1.7191	.87601	1.9080	.75242	1.9481	.20952	.19638	.17972
Stddev	.00243	.0064	.00241	.0081	.00078	.0120	.00003	.00048	.00088
%RSD	.32036	.37027	.27532	.42701	.10348	.61786	.01647	.24539	.48885

#1	.75704	1.7146	.87431	1.9022	.75187	1.9566	.20950	.19672	.17910
#2	.76048	1.7236	.87772	1.9138	.75298	1.9396	.20954	.19604	.18034

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.330	.36731	.18134	.27642	2.7364	.18992	69.944	.45092	.06355
Stddev	.059	.00112	.00020	.00131	.0828	.00059	.118	.00072	.00086
%RSD	.14007	.30477	.11002	.47554	3.0252	.31022	.16879	.16069	1.3559

#1	42.288	.36652	.18120	.27549	2.7950	.19033	69.860	.45041	.06416
#2	42.371	.36811	.18148	.27735	2.6779	.18950	70.027	.45143	.06294

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	532.61	.28486	.18831	31.470	.37063	.50904	49.183	1.6811	.63050
Stddev	5.27	.00064	.00298	.128	.00232	.00172	.179	.0133	.00068
%RSD	.98896	.22356	1.5828	.40552	.62640	.33729	.36460	.79097	.10840

#1	528.89	.28440	.19042	31.380	.36899	.50783	49.056	1.6905	.63002
#2	536.34	.28531	.18620	31.561	.37227	.51025	49.310	1.6717	.63098

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18701	.20658	5.923	.64606	5.6035	3.2827
Stddev	.00041	.00079	.015	.00225	1.1549	.1816
%RSD	.21931	.38084	.2524	.34862	20.610	5.5323

#1	.18730	.20602	5.912	.64447	4.7868	3.1543
#2	.18672	.20713	5.934	.64765	6.4201	3.4111

Sample Name: J5221-01A Acquired: 10/5/2018 14:12:28 Type: Unk
Method: P4-ICP2(v2481) 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	2857.3	63321.	5054.4	107.46	3813.8
Stddev	7.1	59.	3.9	2.03	4.9
%RSD	.24921	.09312	.07721	1.8907	.12838
#1	2862.3	63279.	5057.1	106.03	3817.3
#2	2852.2	63363.	5051.6	108.90	3810.4

Sample Name: J5241-01 Acquired: 10/5/2018 14:16:21 Type: Unk
Method: P4-ICP2(v2481) 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	.00307	.00352	-.00013	.00208	-.00181	-.00077	.01916	.00000
Stddev	.00317	.00107	.00009	.00438	.00109	.00440	.00100	.00006
%RSD	103.25	30.294	65.891	210.31	60.426	572.00	5.2394	1926.7

#1	.00531	.00276	-.00007	.00518	-.00104	-.00388	.01845	-.00004
#2	.00083	.00427	-.00019	-.00102	-.00258	.00234	.01987	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	39.345	-.00065	-.00028	.00092	.00808	.00621	60.151
Stddev	.00013	.200	.00057	.00002	.00018	.00836	.00000	.061
%RSD	134.79	.50755	87.620	5.6548	19.315	103.55	.04943	.10060

#1	-.00000	39.203	-.00104	-.00029	.00104	.00216	.00621	60.108
#2	-.00019	39.486	-.00025	-.00027	.00079	.01399	.00621	60.194

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00142	467.99	.00104	.00087	19.438	.00074	.20532
Stddev	.00002	.00093	.35	.00020	.00005	.047	.00001	.00521
%RSD	1.4483	65.826	.07461	18.828	6.2016	.24177	.83096	2.5370

#1	-.00119	-.00076	467.74	.00117	.00091	19.405	.00074	.20163
#2	-.00117	-.00208	468.24	.00090	.00083	19.471	.00073	.20900

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.583	.84948	-.01720	.00063	-.00232	.0604	.42259	4.5406
Stddev	.282	.00816	.00060	.00155	.00088	.0001	.00136	.5644
%RSD	.64691	.96108	3.5165	246.42	37.956	.1596	.32118	12.430

#1	43.783	.84370	-.01762	-.00047	-.00294	.0605	.42163	4.1415
#2	43.384	.85525	-.01677	.00173	-.00169	.0603	.42355	4.9397

Sample Name: J5241-01 Acquired: 10/5/2018 14:16:21 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9716
 Stddev .2234
 %RSD 7.5185

#1 2.8136
 #2 3.1295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2871.0	63314.	5095.4	110.79	3852.3
Stddev	1.6	79.	37.3	.02	22.2
%RSD	.05732	.12493	.73183	.02169	.57509

#1	2869.9	63369.	5121.8	110.77	3836.6
#2	2872.2	63258.	5069.0	110.81	3868.0

Sample Name: J5241-01DUP Acquired: 10/5/2018 14:20:29 Type: Unk
Method: P4-ICP2(v2481) 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	.00417	.00195	-.00133	.00001	-.00289	.01200	.02023	.00007
Stddev	.00491	.00165	.00065	.00402	.00068	.00768	.00027	.00002
%RSD	117.62	84.522	48.613	30688.	23.672	64.023	1.3304	34.669

#1	.00764	.00311	-.00179	-.00283	-.00240	.00657	.02042	.00005
#2	.00070	.00078	-.00088	.00285	-.00337	.01743	.02004	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	39.439	-.00040	.00001	.00107	.00976	.00621	60.851
Stddev	.00001	.282	.00055	.00007	.00098	.00521	.00001	.083
%RSD	20.062	.71438	138.76	1288.0	92.048	53.329	.08362	.13614

#1	-.00006	39.240	-.00079	.00006	.00037	.00608	.00621	60.910
#2	-.00004	39.638	-.00001	-.00005	.00176	.01344	.00621	60.793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	-.00121	470.75	.00115	.00088	19.617	.00059	.21073
Stddev	.00042	.00001	2.44	.00022	.00001	.195	.00044	.00127
%RSD	54.219	.42340	.51748	18.842	.94587	.99513	74.270	.60180

#1	-.00106	-.00121	469.03	.00130	.00087	19.479	.00028	.21162
#2	-.00047	-.00121	472.47	.00100	.00088	19.755	.00089	.20983

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.493	.83739	-.01740	-.00043	-.00039	.0618	.42380	4.7554
Stddev	.069	.00855	.00005	.00128	.00133	.0009	.00201	1.0297
%RSD	.15830	1.0207	.28882	299.04	338.97	1.432	.47382	21.654

#1	43.542	.83134	-.01736	-.00133	-.00133	.0624	.42238	5.4835
#2	43.444	.84343	-.01744	.00048	.00055	.0612	.42522	4.0272

Sample Name: J5241-01DUP Acquired: 10/5/2018 14:20:29 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7876
Stddev .2025
%RSD 7.2646

#1 2.9308
#2 2.6444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2876.5	63289.	5051.5	109.24	3867.7
Stddev	4.3	115.	45.4	.94	7.7
%RSD	.14819	.18218	.89948	.86034	.20022

#1	2879.5	63370.	5083.6	109.90	3862.2
#2	2873.5	63207.	5019.4	108.57	3873.2

Sample Name: J5241-01LX5 Acquired: 10/5/2018 14:24:36 Type: Unk
Method: P4-ICP2(v2481) 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	.00213	.00173	-.00076	.00114	-.00062	.00759	.00534	.00004
Stddev	.00111	.00045	.00024	.00252	.00037	.00811	.00003	.00000
%RSD	52.202	25.835	31.029	222.16	59.359	106.87	.56624	.16646

#1	.00292	.00142	-.00059	.00292	-.00036	.01333	.00536	.00004
#2	.00134	.00205	-.00093	-.00065	-.00088	.00185	.00532	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	7.9949	.00221	.00014	-.00006	.01941	.00167	12.075
Stddev	.00002	.0176	.00058	.00012	.00020	.00576	.00002	.048
%RSD	59.197	.21969	26.316	85.128	353.71	29.682	.95082	.39679

#1	-.00002	7.9824	.00262	.00006	-.00020	.02349	.00166	12.041
#2	-.00004	8.0073	.00180	.00023	.00009	.01534	.00168	12.109

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	-.00104	97.035	-.00020	.00076	3.9027	.00032	.03208
Stddev	.00004	.00031	.446	.00021	.00003	.0151	.00004	.00416
%RSD	2.2271	29.675	.45986	104.22	4.4039	.38677	13.757	12.951

#1	.00183	-.00125	96.719	-.00035	.00074	3.9134	.00036	.03502
#2	.00177	-.00082	97.350	-.00005	.00078	3.8920	.00029	.02914

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0865	.17332	-.00415	.00247	.00408	.0108	.08607	3.2735
Stddev	.0363	.00509	.00092	.00011	.00022	.0012	.00036	.5422
%RSD	.44861	2.9395	22.129	4.2985	5.4243	11.05	.41808	16.563

#1	8.1122	.16972	-.00480	.00254	.00392	.0116	.08581	3.6569
#2	8.0609	.17692	-.00350	.00239	.00423	.0099	.08632	2.8901

Sample Name: J5241-01LX5 Acquired: 10/5/2018 14:24:36 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7124
Stddev	.1170
%RSD	6.8320

#1	1.6296
#2	1.7951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.1	65961.	4960.9	108.85	4160.0
Stddev	18.5	117.	.6	.76	16.4
%RSD	.61686	.17802	.01111	.70076	.39534

#1	2981.1	65878.	4960.5	109.39	4148.3
#2	3007.2	66044.	4961.3	108.31	4171.6

Sample Name: J5241-01MS Acquired: 10/5/2018 14:28:39 Type: Unk
Method: P4-ICP2(v2481) 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	.71782	1.6422	.83731	1.8119	.71174	1.8614	.20152	.18645	.17100
Stddev	.00728	.0101	.00087	.0024	.00075	.0182	.00010	.00028	.00044
%RSD	1.0138	.61427	.10349	.12995	.10491	.97700	.05076	.14782	.25627

#1	.72297	1.6493	.83670	1.8136	.71122	1.8742	.20159	.18665	.17131
#2	.71267	1.6350	.83792	1.8103	.71227	1.8485	.20145	.18626	.17069

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.694	.35186	.17297	.26276	2.5996	.18625	61.394	.43093	.05998
Stddev	.227	.00013	.00048	.00092	.0192	.00005	.189	.00142	.00072
%RSD	.57251	.03686	.27928	.35045	.73755	.02591	.30791	.32945	1.2056

#1	39.533	.35177	.17331	.26341	2.6132	.18629	61.528	.43193	.06049
#2	39.854	.35195	.17263	.26211	2.5860	.18622	61.261	.42992	.05947

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	461.97	.27432	.18028	28.263	.35146	.45862	42.395	1.6399	.60200
Stddev	2.55	.00024	.00047	.158	.00104	.01191	.201	.0243	.00010
%RSD	.55300	.08811	.26083	.55803	.29610	2.5971	.47334	1.4791	.01682

#1	463.78	.27415	.18062	28.152	.35219	.46704	42.537	1.6228	.60207
#2	460.16	.27449	.17995	28.375	.35072	.45020	42.253	1.6571	.60193

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17987	.19349	5.609	.58861	4.9667	2.9910
Stddev	.00105	.00174	.018	.00354	1.0478	.0163
%RSD	.58373	.90129	.3265	.60079	21.097	.54574

#1	.18061	.19472	5.621	.58611	4.2258	2.9795
#2	.17913	.19226	5.596	.59111	5.7077	3.0026

Sample Name: J5241-01MS Acquired: 10/5/2018 14:28:39 Type: Unk
Method: P4-ICP2(v2481) 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	2892.7	63899.	5089.8	110.18	3857.3
Stddev	10.0	102.	41.1	.24	9.8
%RSD	.34504	.15950	.80704	.22159	.25502
#1	2885.6	63971.	5118.9	110.00	3850.3
#2	2899.8	63827.	5060.8	110.35	3864.2

Sample Name: J5241-01MSD Acquired: 10/5/2018 14:32:35 Type: Unk
Method: P4-ICP2(v2481) 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	.72095	1.6390	.84047	1.8229	.71844	1.8641	.20151	.18651	.17124
Stddev	.00576	.0079	.00387	.0012	.00017	.0153	.00042	.00011	.00062
%RSD	.79883	.48009	.46085	.06791	.02383	.81829	.20988	.05922	.36177

#1	.72502	1.6445	.84321	1.8221	.71857	1.8749	.20181	.18659	.17168
#2	.71688	1.6334	.83773	1.8238	.71832	1.8534	.20121	.18644	.17080

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.559	.35216	.17262	.26519	2.5701	.18563	61.249	.43206	.06000
Stddev	.437	.00144	.00046	.00018	.0414	.00005	.074	.00022	.00054
%RSD	1.1042	.40856	.26800	.06694	1.6095	.02443	.12070	.05176	.90786

#1	39.250	.35114	.17295	.26506	2.5994	.18566	61.302	.43221	.06039
#2	39.868	.35317	.17229	.26531	2.5409	.18560	61.197	.43190	.05962

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	465.40	.27189	.17825	28.291	.35386	.46959	42.571	1.6301	.60249
Stddev	5.20	.00131	.00106	.296	.00088	.01132	.285	.0197	.00172
%RSD	1.1164	.48337	.59424	1.0445	.24809	2.4101	.66981	1.2111	.28594

#1	461.73	.27282	.17900	28.082	.35448	.46159	42.773	1.6162	.60128
#2	469.07	.27096	.17750	28.500	.35324	.47759	42.370	1.6441	.60371

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17898	.19453	5.624	.58558	5.6322	2.8974
Stddev	.00130	.00174	.035	.00459	.8034	.0798
%RSD	.72844	.89641	.6220	.78337	14.264	2.7541

#1	.17990	.19577	5.649	.58234	6.2003	2.8410
#2	.17806	.19330	5.599	.58882	5.0641	2.9538

Sample Name: J5241-01MSD Acquired: 10/5/2018 14:32:35 Type: Unk
Method: P4-ICP2(v2481) 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	2866.1	63743.	5057.6	111.25	3832.6
Stddev	3.4	77.	48.2	.65	1.9
%RSD	.11938	.12151	.95396	.58102	.05021
#1	2863.7	63688.	5091.7	110.79	3831.2
#2	2868.6	63798.	5023.4	111.70	3834.0

Sample Name: J5241-01A Acquired: 10/5/2018 14:36:30 Type: Unk
Method: P4-ICP2(v2481) 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	.74336	1.6605	.85813	1.8815	.73648	1.8789	.20354	.18643	.17431
Stddev	.01369	.0271	.01607	.0372	.01772	.0157	.00009	.00015	.00362
%RSD	1.8420	1.6340	1.8732	1.9756	2.4056	.83542	.04547	.08145	2.0769

#1	.73368	1.6413	.84676	1.8552	.72396	1.8900	.20347	.18653	.17175
#2	.75304	1.6797	.86949	1.9078	.74901	1.8678	.20360	.18632	.17687

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.781	.34571	.17617	.27116	2.5252	.18529	61.763	.43999	.06026
Stddev	.210	.00136	.00236	.00536	.0123	.00020	.011	.00560	.00002
%RSD	.52915	.39324	1.3382	1.9753	.48724	.10814	.01716	1.2719	.03077

#1	39.632	.34667	.17450	.26737	2.5165	.18544	61.756	.43603	.06027
#2	39.930	.34475	.17783	.27495	2.5338	.18515	61.771	.44395	.06025

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	463.34	.27336	.17844	28.765	.36335	.46639	43.376	1.6510	.61634
Stddev	.52	.00022	.00095	.201	.00792	.00168	.602	.0070	.01172
%RSD	.11146	.07949	.53238	.69997	2.1804	.36119	1.3871	.42160	1.9016

#1	463.70	.27321	.17777	28.622	.35774	.46758	42.950	1.6461	.60806
#2	462.97	.27351	.17911	28.907	.36895	.46520	43.801	1.6560	.62463

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18292	.19666	5.751	.59207	5.2232	3.4769
Stddev	.00145	.00060	.100	.00246	.3029	.0667
%RSD	.79174	.30403	1.743	.41525	5.7992	1.9179

#1	.18394	.19624	5.680	.59033	5.0090	3.4298
#2	.18189	.19709	5.822	.59381	5.4374	3.5241

Sample Name: J5241-01A Acquired: 10/5/2018 14:36:30 Type: Unk
Method: P4-ICP2(v2481) 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	2821.9	63622.	5026.7	111.88	3786.5
Stddev	55.2	284.	18.8	.57	64.7
%RSD	1.9577	.44647	.37352	.51074	1.7089
#1	2860.9	63421.	5040.0	112.29	3832.3
#2	2782.8	63823.	5013.5	111.48	3740.8

Sample Name: PB113559BL Acquired: 10/5/2018 14:40:24 Type: Unk
Method: P4-ICP2(v2481) 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	-.00020	.00122	-.00069	-.00109	.00611	.00899	-.01111
Stddev	.00173	.00104	.00007	.00144	.00180	.00175	.00022
%RSD	854.39	85.579	9.9689	131.74	29.391	19.425	1.9424

#1	-.00143	.00196	-.00074	-.00210	.00738	.01023	-.01096
#2	.00102	.00048	-.00064	-.00007	.00484	.00776	-.01126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00005	-.01917	-.00026	-.00000	.00108	.01094
Stddev	.00003	.00005	.00073	.00024	.00004	.00034	.00182
%RSD	134.65	88.986	3.8318	89.900	2055.4	31.861	16.633

#1	.00000	-.00009	-.01969	-.00010	-.00003	.00132	.00965
#2	.00004	-.00002	-.01865	-.00043	.00002	.00084	.01222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.03117	.00039	-.00215	-.01295	.00022	-.00004
Stddev	.00010	.00591	.00004	.00012	.00789	.00001	.00023
%RSD	491.02	18.963	10.926	5.5374	60.877	3.1812	525.20

#1	-.00009	.03535	.00042	-.00223	-.00738	.00023	.00012
#2	.00005	.02699	.00036	-.00207	-.01853	.00022	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04140	.00043	-.01480	F .01893	-.02530	-.00035	-.00157
Stddev	.01367	.00023	.00113	.00553	.00166	.00057	.00004
%RSD	33.026	53.114	7.6066	29.231	6.5654	162.44	2.3657

#1	.03173	.00060	-.01560	.02284	-.02648	.00005	-.00154
#2	.05106	.00027	-.01400	.01502	-.02413	-.00076	-.00159

Sample Name: PB113559BL Acquired: 10/5/2018 14:40:24 Type: Unk
Method: P4-ICP2(v2481) 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 -.01891	-.0024	.00009	F<.00000	F .67668
Stddev	.00005	.0015	.00006	48.197	.32078
%RSD	.28942	61.56	65.492	146.98	47.405

#1	-.01887	-.0014	.00005	-66.871	.44986
#2	-.01895	-.0035	.00013	1.2900	.90351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.1	132430.	14613.	329.22	4389.8
Stddev	16.9	90395.	943.	24.01	13.3
%RSD	.55118	68.257	6.4501	7.2938	.30379

#1	3048.2	196350.	13947.	312.24	4380.4
#2	3072.0	68514.	15280.	346.20	4399.3

Sample Name: PB113559BS Acquired: 10/5/2018 14:44:30 Type: Unk
Method: P4-ICP2(v2481) 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	.69732	1.7920	.88313	1.7589	.71985	1.8046	.19805
Stddev	.01017	.0045	.00393	.0044	.00176	.0249	.00125
%RSD	1.4588	.24936	.44509	.25196	.24494	1.3817	.63350

#1	.70451	1.7951	.88591	1.7621	.72109	1.7870	.19894
#2	.69013	1.7888	.88035	1.7558	.71860	1.8222	.19717

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17820	.17452	.97409	.37627	.18031	.28860	2.8322
Stddev	.00054	.00052	.02515	.00099	.00006	.00140	.0236
%RSD	.30552	.29565	2.5814	.26422	.03564	.48338	.83363

#1	.17858	.17489	.95631	.37557	.18027	.28959	2.8155
#2	.17781	.17416	.99187	.37698	.18036	.28761	2.8489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19343	1.9421	.45560	.06143	2.9791	.28027	.19001
Stddev	.00097	.0199	.00135	.00008	.0029	.00034	.00143
%RSD	.50353	1.0244	.29586	.12659	.09584	.12286	.75230

#1	.19412	1.9280	.45655	.06138	2.9771	.28002	.19102
#2	.19274	1.9561	.45464	.06149	2.9811	.28051	.18900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8023	.37238	.27551	F -.02589	.85261	.61613	.18969
Stddev	.0256	.00098	.00022	.00404	.00009	.00001	.00130
%RSD	.26108	.26392	.07810	15.609	.01076	.00115	.68792

#1	9.7842	.37307	.27536	-.02303	.85255	.61614	.19062
#2	9.8204	.37168	.27566	-.02875	.85268	.61613	.18877

Sample Name: PB113559BS Acquired: 10/5/2018 14:44:30 Type: Unk
 Method: P4-ICP2(v2481) 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	.21338	4.981	.19046	F<.00000	F 1.7220
Stddev	.00082	.013	.00049	.36297	.1791
%RSD	.38337	.2691	.25554	44.990	10.399

#1	.21396	4.991	.19080	-.55012	1.5954
#2	.21280	4.972	.19011	-1.0634	1.8486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3054.8	69827.	5091.4	111.35	4348.3
Stddev	.4	167.	23.9	.45	3.3
%RSD	.01172	.23948	.46867	.40461	.07509

#1	3054.6	69709.	5074.5	111.03	4346.0
#2	3055.1	69946.	5108.3	111.66	4350.6

Sample Name: PB113559TB Acquired: 10/5/2018 14:48:20 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	.00014	-.00134	.00244	.00218	.00191	-.00051	-.00009
Stddev	.00081	.00009	.00070	.00067	.00120	.00469	.00026	.00001
%RSD	162.91	62.966	52.044	27.611	55.327	244.75	51.412	10.244
#1	.00008	.00021	-.00084	.00196	.00303	.00523	-.00070	-.00010
#2	-.00107	.00008	-.00183	.00291	.00132	-.00140	-.00032	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00703	.00093	-.00004	.00025	.01448	.00007	-.05556
Stddev	.00002	.00290	.00026	.00018	.00065	.01126	.00005	.00617
%RSD	44.185	41.201	28.578	417.98	261.98	77.752	69.593	11.098
#1	-.00003	.00498	.00111	.00009	.00070	.00652	.00010	-.05992
#2	-.00005	.00908	.00074	-.00017	-.00021	.02244	.00003	-.05120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00201	F 297.87	-.00031	.00492	.06696	.00029	-.00871
Stddev	.00018	.00027	2.00	.00060	.00001	.00678	.00002	.02228
%RSD	11.965	13.441	.66983	190.26	.29818	10.121	7.3087	255.91
#1	.00140	-.00220	296.46	-.00073	.00491	.07175	.00031	.00705
#2	.00166	-.00182	299.28	.00011	.00493	.06216	.00028	-.02447
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02895	-.00159	.00045	-.00036	-.00131	-.0038	-.00003	F 1.9637
Stddev	.00162	.00176	.00006	.00138	.00165	.0020	.00005	.2755
%RSD	5.5965	110.92	14.084	386.81	126.11	52.47	153.51	14.032
#1	-.03010	-.00284	.00040	.00062	-.00247	-.0024	.00000	1.7688
#2	-.02780	-.00034	.00049	-.00133	-.00014	-.0052	-.00006	2.1585

Sample Name: PB113559TB Acquired: 10/5/2018 14:48:20 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2191
Stddev .0782
%RSD 3.5241

#1 2.2744
#2 2.1638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.8	64502.	5019.3	110.12	3912.6
Stddev	18.9	56.	28.6	.86	1.9
%RSD	.65484	.08747	.57062	.78025	.04947

#1	2870.4	64462.	5039.5	110.73	3914.0
#2	2897.1	64542.	4999.0	109.52	3911.2

Sample Name: CCV03 Acquired: 10/5/2018 14:52:30 Type: Unk
Method: P4-ICP2(v2481) 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	4.7200	4.6544	4.7048	4.7880	4.7519	9.6302	9.8789	.23859
Stddev	.0099	.0148	.0159	.0023	.0015	.0195	.0031	.00074
%RSD	.21062	.31826	.33768	.04748	.03265	.20225	.03123	.31074
#1	4.7130	4.6648	4.7161	4.7896	4.7508	9.6164	9.8768	.23912
#2	4.7271	4.6439	4.6936	4.7864	4.7530	9.6440	9.8811	.23807
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3499	23.915	.93190	2.3475	1.1986	4.7135	2.3974	24.264
Stddev	.0050	.058	.00077	.0062	.0032	.0180	.0007	.040
%RSD	.21182	.24078	.08293	.26249	.27109	.38129	.02967	.16362
#1	2.3534	23.875	.93136	2.3518	1.2009	4.7262	2.3979	24.235
#2	2.3464	23.956	.93245	2.3431	1.1963	4.7008	2.3969	24.292
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3650	1.1497	24.103	2.3913	2.3924	24.739	4.7619	4.9531
Stddev	.0053	.0003	.006	.0034	.0069	.004	.0035	.0024
%RSD	.22520	.02692	.02497	.14142	.28925	.01632	.07272	.04854
#1	2.3687	1.1500	24.099	2.3937	2.3973	24.736	4.7643	4.9548
#2	2.3612	1.1495	24.108	2.3889	2.3875	24.742	4.7594	4.9514
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7132	4.7230	4.6770	4.7673	5.2561	4.828	4.8261	F 3.4218
Stddev	.0057	.0043	.0151	.0081	.0067	.001	.0007	.3846
%RSD	.12156	.09125	.32324	.17062	.12848	.0141	.01500	11.239
#1	4.7172	4.7260	4.6877	4.7615	5.2609	4.828	4.8256	3.6938
#2	4.7091	4.7199	4.6663	4.7730	5.2513	4.827	4.8266	3.1499

Sample Name: CCV03 Acquired: 10/5/2018 14:52:30 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7420
Stddev .7950
%RSD 28.993

#1 2.1798
#2 3.3041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.5	66796.	5061.6	107.19	3986.3
Stddev	1.0	66.	5.2	.23	9.3
%RSD	.03264	.09866	.10320	.21543	.23387

#1	2965.8	66842.	5065.3	107.03	3979.7
#2	2967.2	66749.	5057.9	107.35	3992.9

Sample Name: CCB03 Acquired: 10/5/2018 14:56:13 Type: Unk
Method: P4-ICP2(v2481) 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	-.00143	.00137	-.00134	.00151	.00031	.01196	.00075	-.00000
Stddev	.00156	.00028	.00010	.00077	.00156	.00574	.00001	.00008
%RSD	109.30	20.272	7.4466	51.000	502.37	47.995	1.2419	1585.3

#1	-.00253	.00118	-.00141	.00206	-.00079	.00790	.00074	-.00006
#2	-.00032	.00157	-.00127	.00097	.00141	.01602	.00076	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00336	-.00040	.00009	.00020	.00686	-.00005	.02426
Stddev	.00008	.00654	.00044	.00011	.00014	.00779	.00008	.03788
%RSD	525.26	195.02	110.54	124.75	69.091	113.62	160.75	156.12

#1	.00007	.00127	-.00009	.00016	.00010	.00135	-.00011	-.00252
#2	-.00004	-.00798	-.00070	.00001	.00030	.01237	.00001	.05105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	-.00177	.00157	.00004	-.00029	-.10138	.00037	.00081
Stddev	.00003	.00003	.00337	.00060	.00003	.02498	.00037	.00325
%RSD	2.9434	1.5817	215.29	1465.0	10.801	24.644	101.05	400.89

#1	.00085	-.00175	-.00082	.00047	-.00026	-.11905	.00063	-.00149
#2	.00089	-.00179	.00395	-.00038	-.00031	-.08371	.00011	.00311

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03575	-.00234	-.00084	-.00105	-.00298	-.0026	.00000	.22815
Stddev	.00675	.00161	.00053	.00027	.00152	.0014	.00005	.05131
%RSD	18.879	68.685	62.960	25.597	50.913	52.00	1143.2	22.488

#1	-.03098	-.00120	-.00046	-.00124	-.00191	-.0017	-.00003	.26443
#2	-.04052	-.00348	-.00121	-.00086	-.00405	-.0036	.00004	.19187

Sample Name: CCB03 Acquired: 10/5/2018 14:56:13 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2048
 Stddev .0038
 %RSD .31866

#1 1.2075
 #2 1.2021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.8	69858.	5023.5	109.63	4397.6
Stddev	5.5	172.	32.7	1.13	4.2
%RSD	.17783	.24674	.65190	1.0286	.09479

#1	3067.0	69737.	5000.4	110.42	4394.6
#2	3074.7	69980.	5046.7	108.83	4400.5

Sample Name: PB113560BL Acquired: 10/5/2018 15:00:16 Type: Unk
Method: P4-ICP2(v2481) 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	.00019	.00088	-.00043	-.00339	.00030	.00258	-.00010
Stddev	.00366	.00003	.00154	.00344	.00033	.00231	.00006
%RSD	1909.3	2.9832	358.25	101.32	112.22	89.825	57.728

#1	.00278	.00086	-.00152	-.00582	.00006	.00094	-.00013
#2	-.00240	.00089	.00066	-.00096	.00053	.00421	-.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	.00500	-.00065	.00010	.00001	.01330
Stddev	.00014	.00000	.00719	.00095	.00002	.00013	.01479
%RSD	830.29	52.674	143.80	146.55	15.861	971.50	111.20

#1	.00008	-.00001	.01008	.00002	.00011	-.00008	.00284
#2	-.00011	-.00000	-.00008	-.00132	.00009	.00010	.02376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.03743	.00079	-.00127	-.01791	-.00033	-.00022
Stddev	.00006	.02096	.00011	.00043	.00165	.00029	.00011
%RSD	1768.5	55.985	14.461	34.131	9.2186	89.987	48.225

#1	.00004	-.02262	.00071	-.00096	-.01908	-.00012	-.00014
#2	-.00005	-.05225	.00087	-.00157	-.01674	-.00053	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08719	-.00016	-.00275	F -.03651	-.00449	-.00133	-.00046
Stddev	.02204	.00030	.00672	.00105	.00319	.00020	.00091
%RSD	25.281	190.07	244.54	2.8774	71.057	14.993	198.03

#1	-.10278	-.00037	.00200	-.03577	-.00223	-.00119	-.00110
#2	-.07160	.00005	-.00750	-.03726	-.00674	-.00147	.00018

Sample Name: PB113560BL Acquired: 10/5/2018 15:00:16 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00752	-0.0036	-0.00003	F<.00000	F .93752
Stddev	.00015	.0023	.00009	.31155	.30388
%RSD	2.0377	63.49	318.80	57.412	32.413

#1	-0.00741	-0.0020	.00003	-.32236	.72264
#2	-0.00763	-0.0052	-0.00009	-.76295	1.1524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.9	69999.	5075.4	107.30	4419.9
Stddev	11.2	167.	15.4	1.29	1.0
%RSD	.36345	.23850	.30429	1.2012	.02171

#1	3067.0	69881.	5064.5	106.39	4419.3
#2	3082.8	70117.	5086.3	108.21	4420.6

Sample Name: PB113560TB Acquired: 10/5/2018 15:08:09 Type: Unk
Method: P4-ICP2(v2481) 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	-.00474	-.00271	-.00190	.00127	.00037	-.00238	.00018	-.00012
Stddev	.00495	.00104	.00092	.00199	.00063	.00567	.00016	.00005
%RSD	104.59	38.390	48.176	156.57	168.79	237.86	88.903	43.316
#1	-.00123	-.00344	-.00126	-.00014	-.00007	-.00639	.00007	-.00008
#2	-.00824	-.00197	-.00255	.00268	.00082	.00162	.00030	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00616	.00076	-.00014	.00018	.02189	.00007	.04077
Stddev	.00002	.00301	.00069	.00015	.00047	.00567	.00001	.03430
%RSD	261.53	48.864	90.630	105.20	260.32	25.896	14.639	84.121
#1	-.00002	.00403	.00027	-.00004	.00051	.02590	.00006	.01652
#2	.00001	.00829	.00124	-.00025	-.00015	.01788	.00007	.06503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00180	F 313.97	-.00001	.00444	-.01887	.00014	-.00695
Stddev	.00046	.00003	5.99	.00002	.00013	.02083	.00052	.01340
%RSD	38.164	1.7964	1.9085	402.61	2.8667	110.43	360.13	192.98
#1	.00153	-.00183	309.74	.00001	.00435	-.00413	.00051	-.01642
#2	.00088	-.00178	318.21	-.00002	.00453	-.03360	-.00022	.00253
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03661	-.00147	.00002	.00087	-.00359	-.0029	.00003	F 3.2428
Stddev	.00038	.00247	.00079	.00163	.00422	.0008	.00003	.4516
%RSD	1.0426	167.76	4563.7	187.39	117.59	27.23	87.740	13.927
#1	-.03634	.00027	.00058	-.00028	-.00658	-.0035	.00005	3.5622
#2	-.03688	-.00321	-.00054	.00202	-.00061	-.0023	.00001	2.9235

Sample Name: PB113560TB Acquired: 10/5/2018 15:08:09 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2427
Stddev .3647
%RSD 16.261

#1 1.9849
#2 2.5006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.9	64098.	4994.4	108.48	3902.5
Stddev	7.9	420.	5.5	2.26	18.0
%RSD	.27549	.65453	.11017	2.0873	.46087

#1	2878.3	63802.	4998.3	110.09	3915.2
#2	2889.5	64395.	4990.5	106.88	3889.8

Sample Name: PB113558BL Acquired: 10/5/2018 15:12:18 Type: Unk
Method: P4-ICP2(v2481) 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	.00057	-.00051	-.00070	-.00137	.00037	.00053
Stddev	.00036	.00015	.00000	.00036	.00140	.01014	.00017
%RSD	87.435	26.418	.41961	51.007	102.22	2717.9	33.101

#1	-.00067	.00046	-.00051	-.00045	-.00236	-.00680	.00065
#2	-.00016	.00068	-.00052	-.00096	-.00038	.00754	.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	-.00985	-.00040	-.00014	-.00005	.00521
Stddev	.00003	.00002	.00918	.00041	.00000	.00005	.00438
%RSD	289.00	90.366	93.203	102.59	2.5621	114.71	84.221

#1	.00001	.00001	-.00336	-.00011	-.00014	-.00008	.00211
#2	-.00003	.00004	-.01633	-.00069	-.00015	-.00001	.00831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03352	.00029	-.00210	.01326	-.00023	-.00022
Stddev	.00012	.02272	.00001	.00019	.00469	.00030	.00009
%RSD	1237.4	67.770	3.3561	9.1681	35.351	132.86	41.871

#1	-.00009	-.04958	.00029	-.00196	.01657	-.00001	-.00028
#2	.00007	-.01746	.00028	-.00224	.00994	-.00044	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10090	-.00001	-.01845	F -.04647	-.00389	-.00186	.00069
Stddev	.03736	.00003	.00130	.00034	.00158	.00055	.00195
%RSD	37.029	230.20	7.0484	.72826	40.473	29.738	283.71

#1	-.12732	.00001	-.01753	-.04623	-.00278	-.00225	-.00069
#2	-.07448	-.00004	-.01936	-.04671	-.00501	-.00147	.00207

Sample Name: PB113558BL Acquired: 10/5/2018 15:12:18 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00796	-0.0021	-0.00003	F<0.00000	F 1.0702
Stddev	.00194	.0020	.00000	.27704	.1677
%RSD	24.428	94.02	6.0388	56.113	15.673

#1	-0.00658	-0.0007	-0.00003	-.68961	.95157
#2	-0.00933	-0.0035	-0.00003	-.29782	1.1888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.1	70378.	5084.7	111.63	4417.0
Stddev	2.9	126.	9.5	1.46	5.3
%RSD	.09494	.17945	.18616	1.3082	.11906

#1	3087.1	70289.	5078.0	110.60	4413.3
#2	3083.0	70467.	5091.4	112.66	4420.7

Sample Name: J5227-02 Acquired: 10/5/2018 15:20:12 Type: Unk
Method: P4-ICP2(v2481) 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	.00330	-.00009	.03670	.00200	.01145	2.5387	.04755	.00009
Stddev	.00058	.00052	.00201	.00013	.00211	.0007	.00025	.00008
%RSD	17.525	552.93	5.4632	6.7439	18.401	.02909	.52851	95.333

#1	.00289	-.00046	.03528	.00209	.00996	2.5382	.04737	.00003
#2	.00370	.00027	.03812	.00190	.01294	2.5392	.04772	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	8.0697	.02662	.00304	.32209	18.728	.12679	1.6123
Stddev	.00010	.1914	.00041	.00001	.01467	.499	.00041	.0425
%RSD	8.6547	2.3715	1.5551	.31386	4.5548	2.6661	.32328	2.6367

#1	.00113	7.9344	.02692	.00305	.31171	18.375	.12650	1.5822
#2	.00128	8.2050	.02633	.00304	.33246	19.081	.12708	1.6423

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03261	-.00137	540.13	.00571	.74738	16.218	.01787	.20448
Stddev	.00165	.00034	10.45	.00020	.02478	.349	.00052	.01506
%RSD	5.0738	24.723	1.9353	3.5791	3.3161	2.1523	2.9381	7.3634

#1	.03144	-.00161	532.74	.00585	.72986	15.971	.01750	.21513
#2	.03378	-.00113	547.52	.00556	.76491	16.464	.01824	.19384

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.292	7.0591	.00446	.03441	.03391	4.285	.04381	.73896
Stddev	1.004	.1494	.00034	.00111	.00008	.188	.00119	.54300
%RSD	4.7142	2.1160	7.7062	3.2225	.22289	4.389	2.7102	73.482

#1	20.582	6.9535	.00422	.03362	.03385	4.152	.04297	1.1229
#2	22.002	7.1647	.00470	.03519	.03396	4.418	.04465	.35500

Sample Name: J5227-02 Acquired: 10/5/2018 15:20:12 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.1065
Stddev .1173
%RSD 1.2880

#1 9.0235
#2 9.1894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.9	64154.	5148.2	111.60	3707.9
Stddev	110.7	45.	110.0	3.23	141.9
%RSD	3.9354	.06979	2.1362	2.8928	3.8264

#1	2890.2	64123.	5225.9	113.88	3808.2
#2	2733.7	64186.	5070.4	109.32	3607.6

Sample Name: J5227-02DUP Acquired: 10/5/2018 15:24:15 Type: Unk
Method: P4-ICP2(v2481) 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	.00339	.00124	.03439	.00000	.01242	2.5982	.04983	.00006
Stddev	.00044	.00218	.00028	.00075	.00277	.0256	.00007	.00009
%RSD	12.856	175.52	.80850	20317.	22.337	.98721	.14477	165.17

#1	.00308	.00278	.03458	.00053	.01046	2.5801	.04988	-.00001
#2	.00369	-.00030	.03419	-.00053	.01438	2.6164	.04978	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	8.1906	.02756	.00289	.31384	18.868	.12695	1.6421
Stddev	.00013	.0348	.00059	.00003	.00083	.021	.00063	.0280
%RSD	11.905	.42436	2.1416	1.0790	.26518	.11333	.49930	1.7049

#1	.00099	8.1660	.02797	.00287	.31325	18.883	.12650	1.6223
#2	.00118	8.2152	.02714	.00291	.31443	18.853	.12740	1.6619

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03256	-.00117	548.00	.00604	.75234	16.629	.01737	.19799
Stddev	.00071	.00017	4.00	.00028	.00068	.040	.00005	.00118
%RSD	2.1791	14.496	.72953	4.7076	.09097	.24098	.30562	.59373

#1	.03205	-.00105	550.82	.00584	.75186	16.657	.01734	.19716
#2	.03306	-.00128	545.17	.00624	.75282	16.601	.01741	.19882

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.721	7.1687	.00392	.03639	.03541	4.169	.04463	1.7438
Stddev	.012	.0270	.00049	.00239	.00172	.015	.00010	.2617
%RSD	.05913	.37668	12.393	6.5715	4.8670	.3641	.22941	15.007

#1	20.729	7.1496	.00426	.03470	.03419	4.158	.04470	1.9288
#2	20.712	7.1878	.00357	.03808	.03663	4.180	.04455	1.5587

Sample Name: J5227-02DUP Acquired: 10/5/2018 15:24:15 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.9313
Stddev .1472
%RSD 1.4823

#1 10.035
#2 9.8272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.8	63819.	5040.8	110.49	3814.7
Stddev	2.3	192.	20.8	.02	12.3
%RSD	.08017	.30076	.41358	.01372	.32238

#1	2876.4	63955.	5055.6	110.48	3806.0
#2	2873.2	63683.	5026.1	110.50	3823.4

Sample Name: J5227-02LX5 Acquired: 10/5/2018 15:28:21 Type: Unk
Method: P4-ICP2(v2481) 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	-.00251	.00059	.00467	-.00110	.00115	.35637	.00620	-.00002
Stddev	.00141	.00190	.00130	.00005	.00090	.01998	.00131	.00004
%RSD	56.151	322.68	27.925	4.8806	78.185	5.6078	21.154	170.60

#1	-.00152	.00193	.00375	-.00114	.00052	.34224	.00527	.00000
#2	-.00351	-.00075	.00559	-.00107	.00179	.37050	.00713	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	1.1202	.00827	.00049	.05564	2.6783	.01929	.23829
Stddev	.00006	.0297	.00007	.00009	.00419	.1402	.00087	.01758
%RSD	23.505	2.6557	.81123	19.232	7.5358	5.2332	4.5313	7.3775

#1	.00029	1.0992	.00822	.00043	.05267	2.5792	.01867	.25072
#2	.00021	1.1412	.00832	.00056	.05860	2.7774	.01991	.22586

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00724	-.00150	76.532	.00056	.13605	2.1704	.00351	.01927
Stddev	.00030	.00084	1.750	.00015	.01215	.0515	.00005	.00323
%RSD	4.1239	56.257	2.2866	26.387	8.9276	2.3709	1.5011	16.743

#1	.00703	-.00090	75.295	.00046	.12746	2.1340	.00348	.01699
#2	.00745	-.00209	77.769	.00067	.14464	2.2068	.00355	.02156

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3090	1.0506	-.00060	.00432	.00355	.6658	.00602	.97204
Stddev	.2513	.0420	.00075	.00041	.00055	.0528	.00016	.16751
%RSD	7.5953	3.9984	125.86	9.6132	15.481	7.937	2.7258	17.233

#1	3.1312	1.0209	-.00113	.00402	.00316	.6284	.00591	.85359
#2	3.4867	1.0803	-.00007	.00461	.00394	.7032	.00614	1.0905

Sample Name: J5227-02LX5 Acquired: 10/5/2018 15:28:21 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1053
Stddev	.2931
%RSD	13.924

#1	1.8980
#2	2.3126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.0	66727.	5210.4	109.22	4135.4
Stddev	11.3	634.	2.3	.98	11.1
%RSD	.37993	.95060	.04415	.90112	.26911

#1	2975.0	67176.	5208.8	109.92	4127.5
#2	2991.0	66278.	5212.0	108.53	4143.2

Sample Name: J5227-02MS Acquired: 10/5/2018 15:32:24 Type: Unk
Method: P4-ICP2(v2481) 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	.70955	1.6284	.88242	1.7831	.69972	4.2882	.22323	.18040	.17408
Stddev	.00051	.0064	.00040	.0078	.00540	.0404	.00740	.00146	.00003
%RSD	.07233	.39051	.04588	.43990	.77197	.94253	3.3171	.80747	.01791

#1	.70918	1.6329	.88213	1.7887	.69590	4.3168	.22846	.18143	.17406
#2	.70991	1.6239	.88271	1.7776	.70354	4.2596	.21799	.17937	.17410

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6835	.37483	.17772	.57251	21.222	.29965	3.3009	.46892	.06099
Stddev	.3142	.00391	.00033	.00125	.513	.00201	.0914	.00005	.00008
%RSD	3.6181	1.0441	.18742	.21812	2.4194	.67074	2.7699	.00995	.12306

#1	8.9057	.37759	.17748	.57163	21.585	.30107	3.3655	.46895	.06105
#2	8.4614	.37206	.17795	.57340	20.859	.29823	3.2362	.46889	.06094

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	526.16	.27609	.91796	24.586	.36565	.43995	20.010	7.7378	.61509
Stddev	15.53	.00300	.01770	.702	.00031	.00263	.004	.2336	.00355
%RSD	2.9517	1.0863	1.9281	2.8559	.08429	.59681	.02008	3.0191	.57676

#1	537.14	.27821	.93048	25.082	.36543	.44181	20.013	7.9030	.61258
#2	515.18	.27397	.90544	24.089	.36587	.43809	20.007	7.5726	.61760

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20697	.22666	9.450	.20815	.95374	9.5604
Stddev	.00818	.00852	.009	.00573	.02364	.0482
%RSD	3.9545	3.7593	.0957	2.7517	2.4788	.50423

#1	.21276	.23269	9.457	.21220	.97045	9.5944
#2	.20119	.22064	9.444	.20410	.93702	9.5263

Sample Name: J5227-02MS Acquired: 10/5/2018 15:32:24 Type: Unk
Method: P4-ICP2(v2481) 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	2874.4	63822.	5121.8	108.08	3812.0
Stddev	4.7	243.	129.5	1.96	4.2
%RSD	.16504	.38103	2.5289	1.8176	.11086
#1	2877.8	63650.	5030.2	106.69	3815.0
#2	2871.1	63994.	5213.3	109.47	3809.0

Sample Name: J5227-02MSD Acquired: 10/5/2018 15:36:19 Type: Unk
Method: P4-ICP2(v2481) 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	.71277	1.6178	.87639	1.7889	.70130	4.2732	.22978	.17937	.17262
Stddev	.00886	.0235	.00894	.0273	.01282	.0028	.00032	.00005	.00174
%RSD	1.2433	1.4500	1.0205	1.5232	1.8278	.06513	.14080	.03041	1.0093

#1	.70650	1.6012	.87006	1.7696	.69223	4.2712	.23001	.17941	.17138
#2	.71903	1.6344	.88271	1.8081	.71036	4.2751	.22955	.17933	.17385

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8494	.37077	.17710	.57119	21.909	.29738	3.3666	.46688	.06025
Stddev	.0117	.00091	.00229	.00694	.167	.00122	.0360	.00430	.00089
%RSD	.13250	.24456	1.2950	1.2147	.76447	.40914	1.0688	.92084	1.4729

#1	8.8577	.37013	.17548	.56629	22.028	.29652	3.3920	.46384	.06088
#2	8.8411	.37141	.17872	.57610	21.791	.29824	3.3412	.46992	.05963

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	536.59	.27299	.93696	25.306	.36533	.48235	19.947	7.8940	.60987
Stddev	3.34	.00119	.00274	.094	.00462	.02666	.137	.0272	.00563
%RSD	.62269	.43706	.29286	.36982	1.2642	5.5276	.68891	.34450	.92370

#1	538.95	.27214	.93890	25.372	.36206	.46350	19.850	7.8747	.60589
#2	534.22	.27383	.93502	25.239	.36860	.50121	20.044	7.9132	.61386

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21058	.23099	9.416	.21456	.82016	9.6098
Stddev	.00005	.00043	.074	.00104	.17414	.0000
%RSD	.02401	.18832	.7908	.48409	21.232	.00000

#1	.21055	.23129	9.363	.21530	.69702	9.6098
#2	.21062	.23068	9.469	.21383	.94329	9.6098

Sample Name: J5227-02MSD Acquired: 10/5/2018 15:36:19 Type: Unk
Method: P4-ICP2(v2481) 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	2872.7	63919.	5008.0	105.46	3823.2
Stddev	22.9	122.	.7	.58	12.3
%RSD	.79774	.19109	.01422	.55270	.32170
#1	2888.9	64005.	5008.5	105.04	3831.9
#2	2856.5	63833.	5007.5	105.87	3814.5

Sample Name: PB113558BS Acquired: 10/5/2018 15:40:13 Type: Unk
Method: P4-ICP2(v2481) 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	.81537	2.0703	1.0221	2.1198	.82775	2.0903	.22875
Stddev	.00008	.0082	.0012	.0016	.00005	.0230	.00050
%RSD	.01027	.39498	.11242	.07397	.00605	1.0984	.21801

#1	.81531	2.0761	1.0213	2.1210	.82772	2.0741	.22840
#2	.81543	2.0646	1.0230	2.1187	.82779	2.1066	.22910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21044	.20269	1.1024	.41782	.20705	.33386	3.1449
Stddev	.00000	.00037	.0002	.00059	.00007	.00006	.1832
%RSD	.00013	.18386	.01550	.14183	.03192	.01826	5.8241

#1	.21044	.20295	1.1023	.41740	.20709	.33390	3.0153
#2	.21044	.20242	1.1025	.41824	.20700	.33382	3.2744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21993	2.1983	.52426	.07089	F 3.5133	.31937	.21709
Stddev	.00078	.0428	.00119	.00007	.0051	.00239	.01222
%RSD	.35592	1.9451	.22665	.09195	.14419	.74987	5.6284

#1	.21938	2.2285	.52510	.07084	3.5097	.31768	.20845
#2	.22048	2.1681	.52342	.07093	3.5169	.32106	.22573

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.320	.42290	.31758	F -.03303	1.0042	.70456	.21724
Stddev	.011	.00014	.00411	.00142	.0092	.00069	.00253
%RSD	.09362	.03239	1.2944	4.3017	.91744	.09760	1.1653

#1	11.313	.42300	.31468	-.03202	1.0107	.70504	.21545
#2	11.328	.42280	.32049	-.03403	.99769	.70407	.21903

Sample Name: PB113558BS Acquired: 10/5/2018 15:40:13 Type: Unk
Method: P4-ICP2(v2481) 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 .24370	5.871	.21645	F .12807	F 1.2700
Stddev	.00101	.020	.00053	.16324	.4266
%RSD	.41379	.3379	.24587	127.46	33.593

#1	.24299	5.885	.21683	.01264	.96829
#2	.24441	5.857	.21608	.24350	1.5716

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.2	69257.	5064.5	111.89	4356.6
Stddev	17.9	164.	8.0	5.71	31.4
%RSD	.58361	.23700	.15740	5.1038	.71979

#1	3060.5	69373.	5070.2	115.93	4334.4
#2	3085.8	69141.	5058.9	107.85	4378.7

Sample Name: PB113560BS Acquired: 10/5/2018 15:44:03 Type: Unk
Method: P4-ICP2(v2481) 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	.81188	2.0864	1.0269	2.1079	.82596	2.1098	.22743
Stddev	.00365	.0030	.0027	.0027	.00069	.0064	.00049
%RSD	.44912	.14330	.26290	.12743	.08401	.30207	.21366

#1	.80930	2.0885	1.0250	2.1098	.82645	2.1143	.22777
#2	.81446	2.0843	1.0288	2.1060	.82547	2.1053	.22709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21112	.20325	1.0817	.42494	.20795	.33339	3.2134
Stddev	.00009	.00034	.0119	.00432	.00039	.00114	.0053
%RSD	.04257	.16622	1.1026	1.0160	.18628	.34057	.16599

#1	.21106	.20301	1.0733	.42189	.20768	.33259	3.2171
#2	.21119	.20349	1.0902	.42800	.20823	.33420	3.2096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21999	2.1887	.52529	.07197	3.3881	.32067	.21904
Stddev	.00039	.0238	.00177	.00063	.0338	.00093	.00142
%RSD	.17713	1.0863	.33757	.87057	.99782	.29108	.64655

#1	.21971	2.2055	.52403	.07152	3.3642	.32001	.22004
#2	.22026	2.1719	.52654	.07241	3.4120	.32133	.21804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.215	.42425	.31141	F -.04684	1.0018	.71138	.21674
Stddev	.010	.00159	.00420	.00222	.0004	.00006	.00248
%RSD	.08681	.37486	1.3498	4.7320	.03630	.00776	1.1427

#1	11.221	.42312	.31439	-.04841	1.0020	.71142	.21499
#2	11.208	.42537	.30844	-.04527	1.0015	.71134	.21849

Sample Name: PB113560BS Acquired: 10/5/2018 15:44:03 Type: Unk
Method: P4-ICP2(v2481) 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 .24208	5.871	.21460	F<.00000	F 1.6072
Stddev	.00137	.011	.00045	.60461	.0796
%RSD	.56414	.1848	.20742	38.171	4.9522

#1	.24111	5.879	.21429	-2.0115	1.6635
#2	.24304	5.863	.21491	-1.1564	1.5509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.4	70296.	5176.2	111.60	4394.0
Stddev	4.4	249.	.0	1.18	10.8
%RSD	.14214	.35397	.00046	1.0533	.24648

#1	3092.3	70120.	5176.2	110.77	4386.4
#2	3098.5	70472.	5176.1	112.43	4401.7

Sample Name: CCV04 Acquired: 10/5/2018 15:47:52 Type: Unk
Method: P4-ICP2(v2481) 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	4.9509	4.8948	4.9482	5.0148	4.9638	9.8719	10.273	.24702
Stddev	.0087	.0033	.0101	.0168	.0031	.1042	.067	.00007
%RSD	.17490	.06720	.20503	.33584	.06197	1.0551	.65450	.02730

#1	4.9448	4.8925	4.9411	5.0267	4.9616	9.7982	10.320	.24707
#2	4.9570	4.8971	4.9554	5.0029	4.9660	9.9455	10.225	.24697

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4650	24.870	.97643	2.4627	1.2514	4.8766	2.4796	25.186
Stddev	.0010	.157	.00033	.0003	.0042	.0009	.0025	.056
%RSD	.04139	.62958	.03367	.01268	.33584	.01781	.09979	.22082

#1	2.4643	24.981	.97620	2.4629	1.2544	4.8759	2.4814	25.147
#2	2.4657	24.759	.97666	2.4625	1.2484	4.8772	2.4779	25.226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4766	1.2056	25.132	2.4929	2.4608	25.559	4.9950	5.1173
Stddev	.0011	.0003	.111	.0018	.0231	.238	.0019	.0101
%RSD	.04289	.02801	.44058	.07047	.93925	.92944	.03858	.19784

#1	2.4758	1.2054	25.210	2.4917	2.4772	25.727	4.9964	5.1245
#2	2.4773	1.2059	25.054	2.4942	2.4445	25.391	4.9936	5.1102

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8975	4.9523	4.9236	5.0131	F 5.5179	5.098	5.0372	F 1.8954
Stddev	.0088	.0463	.0003	.0133	.0350	.001	.0226	.1002
%RSD	.18048	.93534	.00587	.26593	.63338	.0135	.44892	5.2878

#1	4.9038	4.9851	4.9238	5.0225	5.5426	5.097	5.0532	1.8245
#2	4.8913	4.9196	4.9234	5.0036	5.4931	5.098	5.0212	1.9663

Sample Name: CCV04 Acquired: 10/5/2018 15:47:52 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5811
Stddev .0421
%RSD 1.6304

#1 2.5513
#2 2.6109

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.4	67689.	5126.8	109.69	4008.5
Stddev	12.1	28.	61.7	1.41	12.0
%RSD	.40579	.04075	1.2028	1.2857	.29927

#1	2981.8	67669.	5083.2	108.69	4000.0
#2	2999.0	67708.	5170.4	110.68	4017.0

Sample Name: CCB04 Acquired: 10/5/2018 15:51:37 Type: Unk
Method: P4-ICP2(v2481) 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	-.00026	.00199	-.00131	.00023	.00074	.01178	-.00058
Stddev	.00085	.00068	.00050	.00176	.00051	.01481	.00087
%RSD	332.69	34.310	38.344	775.17	68.405	125.75	149.61

#1	.00035	.00247	-.00167	-.00102	.00038	.00131	.00003
#2	-.00086	.00151	-.00096	.00147	.00110	.02225	-.00119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00003	.00133	-.00051	.00000	-.00087	.01657
Stddev	.00005	.00007	.00110	.00058	.00007	.00002	.01957
%RSD	108.51	253.04	82.374	115.22	2944.1	2.3458	118.11

#1	.00009	-.00002	.00056	-.00009	-.00005	-.00089	.03040
#2	.00001	.00008	.00211	-.00092	.00005	-.00086	.00273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00687	.00078	-.00220	-.03356	-.00016	-.00018
Stddev	.00005	.00292	.00025	.00007	.01793	.00025	.00006
%RSD	40.795	42.441	31.964	3.2474	53.423	151.65	32.023

#1	-.00010	-.00481	.00096	-.00226	-.04624	.00001	-.00014
#2	-.00017	-.00894	.00060	-.00215	-.02088	-.00034	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09284	.00037	-.00211	-.04541	.00017	-.00125	.00118
Stddev	.01023	.00000	.00111	.00322	.00409	.00078	.00099
%RSD	11.016	.17402	52.395	7.0976	2426.1	62.595	83.714

#1	-.08561	.00037	-.00290	-.04313	.00306	-.00070	.00188
#2	-.10007	.00038	-.00133	-.04769	-.00272	-.00180	.00048

Sample Name: CCB04 Acquired: 10/5/2018 15:51:37 Type: Unk
 Method: P4-ICP2(v2481) 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	-.00607	.0003	.00006	F<.00000	.63071
Stddev	.00047	.0014	.00001	.67641	.00334
%RSD	7.7936	472.8	22.981	47.715	.52955

#1	-.00574	-.0007	.00005	-1.8959	.62835
#2	-.00641	.0013	.00007	-.93932	.63307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.9	71620.	5228.9	112.02	4490.3
Stddev	7.0	3.	53.3	.43	13.0
%RSD	.22434	.00399	1.0200	.38257	.29055

#1	3132.9	71618.	5191.2	111.72	4481.0
#2	3142.9	71622.	5266.6	112.32	4499.5

Sample Name: J5227-02A Acquired: 10/5/2018 15:55:41 Type: Unk
Method: P4-ICP2(v2481) 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	.70643	1.6219	.87584	1.7723	.68999	4.3584	.22975	.17960	.17356
Stddev	.00297	.0018	.00008	.0021	.00191	.0166	.00115	.00126	.00019
%RSD	.42100	.11269	.00894	.11962	.27640	.38140	.50240	.69908	.11141

#1	.70433	1.6206	.87589	1.7708	.68864	4.3702	.22893	.18048	.17342
#2	.70854	1.6232	.87578	1.7738	.69134	4.3467	.23056	.17871	.17370

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8780	.36805	.17660	.56504	21.444	.29829	3.4041	.46641	.05868
Stddev	.0546	.00084	.00035	.00073	.500	.00011	.0282	.00068	.00081
%RSD	.61441	.22811	.19999	.12841	2.3313	.03763	.82943	.14682	1.3798

#1	8.8394	.36865	.17635	.56452	21.798	.29821	3.3841	.46689	.05926
#2	8.9165	.36746	.17685	.56555	21.091	.29837	3.4240	.46593	.05811

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	535.15	.27293	.91461	25.298	.36162	.45717	20.208	7.7774	.61235
Stddev	3.92	.00091	.01243	.133	.00078	.01063	.008	.0453	.00310
%RSD	.73248	.33522	1.3596	.52668	.21646	2.3253	.03891	.58192	.50560

#1	537.92	.27358	.92340	25.204	.36218	.44965	20.213	7.7454	.61016
#2	532.38	.27229	.90582	25.392	.36107	.46469	20.202	7.8094	.61454

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21286	.23162	9.438	.21378	1.3433	10.195
Stddev	.00122	.00083	.001	.00004	.1841	.209
%RSD	.57439	.35947	.0053	.02053	13.707	2.0514

#1	.21200	.23103	9.437	.21381	1.4735	10.048
#2	.21373	.23220	9.438	.21375	1.2131	10.343

Sample Name: J5227-02A Acquired: 10/5/2018 15:55:41 Type: Unk
Method: P4-ICP2(v2481) 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	2891.0	63855.	5027.3	108.25	3801.8
Stddev	3.2	82.	36.2	1.34	7.1
%RSD	.10944	.12817	.72079	1.2411	.18703
#1	2893.3	63913.	5052.9	107.30	3806.8
#2	2888.8	63797.	5001.7	109.20	3796.8

Sample Name: J5231-02 Acquired: 10/5/2018 15:59:34 Type: Unk
Method: P4-ICP2(v2481) 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	.00046	.00210	.00000	.00313	-.00173	.14400	.02550	.00008
Stddev	.00245	.00078	.00004	.00192	.00031	.01043	.00007	.00001
%RSD	532.84	37.176	2445.9	61.472	18.117	7.2413	.26981	16.830

#1	.00219	.00155	.00003	.00177	-.00195	.13662	.02555	.00009
#2	-.00127	.00266	-.00003	.00449	-.00151	.15137	.02545	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	28.937	.01463	.00048	.17688	.46934	.02735	5.2020
Stddev	.00005	.095	.00031	.00004	.00107	.02991	.00008	.0290
%RSD	102.88	.32683	2.0995	7.6727	.60649	6.3725	.30494	.55797

#1	-.00001	29.003	.01485	.00051	.17764	.49048	.02729	5.1815
#2	-.00009	28.870	.01441	.00046	.17612	.44819	.02741	5.2226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01355	-.00197	43.018	.00035	.10103	38.455	.00200	.01353
Stddev	.00001	.00044	.471	.00008	.00352	.303	.00032	.00743
%RSD	.07087	22.295	1.0957	23.755	3.4827	.78840	16.130	54.937

#1	.01354	-.00166	43.351	.00029	.10352	38.669	.00177	.01879
#2	.01356	-.00228	42.685	.00041	.09855	38.240	.00223	.00827

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.376	4.7954	-.00537	.00109	-.01017	1.723	.08213	1.7462
Stddev	.015	.0541	.00027	.00178	.00022	.002	.00069	.0621
%RSD	.12051	1.1275	5.0237	162.54	2.1434	.0970	.84022	3.5541

#1	12.365	4.8336	-.00518	.00235	-.01002	1.722	.08261	1.7023
#2	12.386	4.7571	-.00556	-.00016	-.01033	1.724	.08164	1.7901

Sample Name: J5231-02 Acquired: 10/5/2018 15:59:34 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6359
Stddev .0102
%RSD .62544

#1 1.6287
#2 1.6431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.7	69722.	5376.8	114.92	4321.2
Stddev	1.5	55.	49.4	3.86	1.6
%RSD	.04984	.07885	.91886	3.3576	.03703

#1	3059.6	69761.	5341.9	112.19	4322.3
#2	3061.8	69684.	5411.7	117.65	4320.0

Sample Name: J5235-11 Acquired: 10/5/2018 16:03:32 Type: Unk
Method: P4-ICP2(v2481) 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	-.00113	.00006	-.00131	.00170	-.00058	.26949	.03100	.00006
Stddev	.00115	.00051	.00043	.00077	.00071	.01607	.00030	.00004
%RSD	101.63	803.62	32.478	45.403	123.20	5.9632	.98184	66.463

#1	-.00032	-.00030	-.00101	.00225	-.00108	.25813	.03078	.00009
#2	-.00195	.00042	-.00162	.00116	-.00007	.28086	.03121	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	23.786	.00038	.01048	.08751	.04630	.00806	5.3698
Stddev	.00000	.008	.00030	.00029	.00046	.00934	.00004	.0486
%RSD	.42194	.03165	77.578	2.7797	.52589	20.169	.52587	.90554

#1	.00032	23.791	.00017	.01027	.08784	.03969	.00809	5.3354
#2	.00032	23.781	.00059	.01068	.08719	.05290	.00803	5.4042

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00103	74.336	-.00010	.12527	278.09	.03390	.03300
Stddev	.00021	.00019	.406	.00018	.00388	1.14	.00016	.00471
%RSD	6.6018	18.781	.54609	187.05	3.0938	.40879	.45801	14.276

#1	.00298	-.00116	74.048	-.00023	.12253	277.29	.03401	.03634
#2	.00328	-.00089	74.623	.00003	.12801	278.89	.03379	.02967

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.078	3.1250	-.02964	.01277	-.01161	.3243	.06870	3.5078
Stddev	.192	.0396	.00066	.00037	.00076	.0026	.00008	.0044
%RSD	.24594	1.2668	2.2379	2.9267	6.5460	.8026	.11598	.12534

#1	77.942	3.0970	-.02917	.01251	-.01107	.3224	.06875	3.5109
#2	78.214	3.1530	-.03011	.01304	-.01215	.3261	.06864	3.5047

Sample Name: J5235-11 Acquired: 10/5/2018 16:03:32 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4332
 Stddev .0894
 %RSD 6.2408

#1 1.4964
 #2 1.3699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.4	67059.	5248.1	111.12	3992.0
Stddev	3.5	112.	36.1	3.24	9.3
%RSD	.11724	.16647	.68827	2.9148	.23336

#1	2958.9	66980.	5273.7	113.41	3998.6
#2	2963.8	67138.	5222.6	108.83	3985.4

Sample Name: J5253-01 Acquired: 10/5/2018 16:07:31 Type: Unk
Method: P4-ICP2(v2481) 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	.00308	.00062	.02383	.00009	-.00107	1.1439	.06145	.00003
Stddev	.00010	.00135	.00026	.00117	.00074	.0335	.01510	.00005
%RSD	3.3298	219.44	1.0834	1325.7	68.865	2.9279	24.571	195.49

#1	.00315	-.00034	.02402	-.00074	-.00055	1.1202	.05077	-.00001
#2	.00301	.00157	.02365	.00092	-.00160	1.1676	.07212	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	29.912	.00521	.00167	.03904	7.9525	.18598	4.1309
Stddev	.00021	5.868	.00081	.00005	.00035	1.5661	.00010	.7632
%RSD	338.01	19.618	15.486	2.9765	.90867	19.693	.05115	18.474

#1	.00021	25.762	.00578	.00170	.03929	6.8451	.18604	3.5913
#2	-.00009	34.061	.00464	.00163	.03879	9.0599	.18591	4.6706

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00713	-.00199	21.199	.00369	.37943	2.9358	.00099	.02495
Stddev	.00022	.00024	4.183	.00005	.06370	.5307	.00021	.00748
%RSD	3.0594	11.928	19.733	1.3133	16.787	18.076	21.619	29.990

#1	.00728	-.00216	18.241	.00373	.33439	2.5605	.00084	.01966
#2	.00697	-.00182	24.157	.00366	.42447	3.3110	.00114	.03024

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6093	4.1481	-.00110	.04405	-.00670	1.378	.09954	.26975
Stddev	.0007	.6866	.00007	.01066	.00174	.002	.01962	.77231
%RSD	.02701	16.551	6.4088	24.191	25.968	.1390	19.712	286.31

#1	2.6088	3.6626	-.00105	.03652	-.00793	1.379	.08566	.81585
#2	2.6098	4.6336	-.00115	.05159	-.00547	1.376	.11341	-.27636

Sample Name: J5253-01 Acquired: 10/5/2018 16:07:31 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4504
 Stddev .0331
 %RSD .74339

#1 4.4270
 #2 4.4738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.6	71328.	5751.6	126.00	4424.2
Stddev	1.3	112.	976.9	21.01	.4
%RSD	.04261	.15660	16.986	16.671	.00895

#1	3121.5	71407.	6442.4	140.86	4424.0
#2	3119.6	71249.	5060.8	111.15	4424.5

Sample Name: J5253-02 Acquired: 10/5/2018 16:11:28 Type: Unk
Method: P4-ICP2(v2481) 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	.00303	-.00025	.03333	.00080	-.00178	1.5595	.08018	.00007
Stddev	.00325	.00099	.00015	.00306	.00027	.1215	.00042	.00008
%RSD	107.00	390.34	.43793	381.81	15.163	7.7929	.52146	106.70

#1	.00074	.00045	.03323	-.00136	-.00159	1.6455	.07988	.00002
#2	.00533	-.00096	.03343	.00297	-.00197	1.4736	.08047	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	36.862	.00493	.00205	.03701	11.448	.23484	5.0707
Stddev	.00008	.185	.00115	.00012	.00052	.324	.02429	.0264
%RSD	56.400	.50135	23.265	5.8382	1.4000	2.8272	10.345	.52073

#1	-.00008	36.731	.00575	.00213	.03737	11.219	.25202	5.0893
#2	-.00019	36.993	.00412	.00196	.03664	11.677	.21766	5.0520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00719	-.00167	21.523	.00547	.44151	3.4228	.00086	.02192
Stddev	.00042	.00039	.051	.00077	.01206	.0008	.00024	.00527
%RSD	5.8168	23.311	.23691	14.155	2.7322	.02314	27.900	24.046

#1	.00749	-.00140	21.559	.00602	.43298	3.4223	.00103	.01819
#2	.00689	-.00195	21.487	.00492	.45004	3.4234	.00069	.02565

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4628	5.0580	-.00164	.05965	-.00428	1.386	.12175	3.3081
Stddev	.0243	.0867	.00001	.00315	.00169	.006	.00055	2.8453
%RSD	.98700	1.7132	.55513	5.2798	39.515	.4624	.45318	86.010

#1	2.4456	5.1193	-.00165	.05742	-.00309	1.382	.12214	5.3200
#2	2.4800	4.9967	-.00163	.06187	-.00548	1.391	.12136	1.2962

Sample Name: J5253-02 Acquired: 10/5/2018 16:11:28 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.2632
 Stddev .2692
 %RSD 5.1144

#1 5.4536
 #2 5.0729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.8	67241.	5393.7	114.84	4423.9
Stddev	1.2	5714.	14.2	2.63	5.5
%RSD	.03912	8.4983	.26351	2.2858	.12449

#1	3122.0	63200.	5383.6	116.70	4427.8
#2	3123.7	71281.	5403.7	112.99	4420.0

Sample Name: J5265-01 Acquired: 10/5/2018 16:15:25 Type: Unk
Method: P4-ICP2(v2481) 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	.00154	.02288	.00203	-.00212	.19413	.02332	.00001
Stddev	.00051	.00148	.00026	.00029	.00149	.00006	.00030	.00013
%RSD	24.412	96.660	1.1546	14.271	70.049	.02941	1.2921	2205.2

#1	.00172	.00049	.02270	.00183	-.00317	.19409	.02310	.00010
#2	.00244	.00258	.02307	.00224	-.00107	.19417	.02353	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	31.024	.00117	.00036	.27662	.24627	.02070	7.4498
Stddev	.00007	.066	.00007	.00003	.00086	.01063	.00004	.0901
%RSD	22.965	.21350	5.6770	7.5831	.31099	4.3174	.18381	1.2099

#1	.00025	30.977	.00112	.00034	.27722	.25379	.02073	7.5135
#2	.00034	31.071	.00122	.00038	.27601	.23875	.02068	7.3860

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00326	-.00135	79.267	.00023	.18956	2.8638	.00024	.03369
Stddev	.00028	.00011	.151	.00007	.00176	.0008	.00026	.00220
%RSD	8.6853	8.3548	.19004	30.370	.92765	.02625	108.43	6.5209

#1	.00346	-.00143	79.161	.00028	.19080	2.8643	.00006	.03525
#2	.00306	-.00127	79.374	.00018	.18832	2.8633	.00043	.03214

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1998	3.0612	-.00154	.00336	-.01042	1.267	.10023	3.1551
Stddev	.0197	.0201	.00004	.00079	.00159	.008	.00000	.4623
%RSD	.37826	.65677	2.4737	23.608	15.239	.6457	.00265	14.653

#1	5.2137	3.0470	-.00151	.00280	-.00930	1.273	.10024	2.8282
#2	5.1858	3.0754	-.00157	.00392	-.01155	1.261	.10023	3.4820

Sample Name: J5265-01 Acquired: 10/5/2018 16:15:25 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6603
Stddev .7370
%RSD 44.388

#1 2.1814
#2 1.1392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.2	69500.	5275.1	115.46	4292.7
Stddev	7.0	167.	25.7	.43	4.2
%RSD	.22611	.23987	.48755	.37461	.09890

#1	3086.2	69618.	5293.2	115.15	4289.7
#2	3076.3	69382.	5256.9	115.76	4295.7

Sample Name: J5244-05 Acquired: 10/5/2018 16:19:24 Type: Unk
Method: P4-ICP2(v2481) 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	.00071	.00152	-.00138	.00022	.00147	.00970	.06121	.00001
Stddev	.00088	.00064	.00013	.00012	.00067	.00395	.00085	.00000
%RSD	123.97	41.940	9.3400	56.480	45.848	40.686	1.3861	30.119

#1	.00009	.00197	-.00148	.00031	.00099	.01249	.06181	.00000
#2	.00132	.00107	-.00129	.00013	.00194	.00691	.06061	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.57047	.00479	.00017	.00140	.06261	.00344	.08549
Stddev	.00001	.00809	.00031	.00016	.00053	.00636	.00010	.00653
%RSD	246.62	1.4179	6.4427	96.191	37.499	10.152	2.8555	7.6378

#1	-.00001	.57619	.00501	.00005	.00177	.06711	.00338	.09011
#2	.00000	.56475	.00457	.00029	.00103	.05812	.00351	.08087

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	-.00217	.61262	.00008	.00983	.18634	.00062	.00489
Stddev	.00031	.00014	.00461	.00008	.00022	.01923	.00003	.00153
%RSD	8.0679	6.6383	.75256	99.609	2.2724	10.319	5.0434	31.241

#1	.00408	-.00207	.60936	.00014	.00999	.19994	.00064	.00381
#2	.00364	-.00227	.61588	.00002	.00967	.17275	.00059	.00597

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14267	.10163	-.00174	-.00035	-.00669	.0021	.00290	<.00000
Stddev	.00154	.00254	.00026	.00093	.00163	.0005	.00006	.27563
%RSD	1.0781	2.4948	14.806	270.13	24.415	24.31	2.0181	49.936

#1	.14376	.10342	-.00155	.00031	-.00554	.0024	.00294	-.35707
#2	.14158	.09984	-.00192	-.00101	-.00785	.0017	.00286	-.74686

Sample Name: J5244-05 Acquired: 10/5/2018 16:19:24 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1273
 Stddev .2035
 %RSD 18.054

#1 1.2713
 #2 .98343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.8	71802.	5249.8	113.32	4495.7
Stddev	26.0	140.	68.7	3.05	26.2
%RSD	.82885	.19567	1.3081	2.6874	.58274

#1	3155.2	71703.	5201.2	111.17	4514.2
#2	3118.4	71902.	5298.3	115.48	4477.2

Sample Name: J5244-05DUP Acquired: 10/5/2018 16:23:28 Type: Unk
Method: P4-ICP2(v2481) 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	-.00088	.00160	-.00227	-.00120	-.00023	.00312	.06339
Stddev	.00029	.00167	.00016	.00270	.00032	.01088	.00156
%RSD	33.107	104.32	7.0884	224.58	140.29	348.29	2.4579

#1	-.00068	.00279	-.00238	-.00311	-.00000	-.00457	.06449
#2	-.00109	.00042	-.00216	.00071	-.00046	.01082	.06229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00000	.59078	.00524	.00017	.00178	.06773
Stddev	.00004	.00004	.01968	.00028	.00006	.00003	.01613
%RSD	124.03	1187.6	3.3313	5.2526	35.114	1.8984	23.814

#1	.00000	-.00003	.57686	.00544	.00022	.00175	.07913
#2	.00006	.00003	.60470	.00505	.00013	.00180	.05632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00366	.10289	.00399	-.00173	.61118	-.00003	.00987
Stddev	.00000	.00618	.00001	.00030	.00314	.00009	.00024
%RSD	.00093	6.0085	.14057	17.415	.51334	282.67	2.4219

#1	.00366	.10726	.00399	-.00195	.60896	.00003	.01004
#2	.00366	.09852	.00398	-.00152	.61340	-.00010	.00970

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17280	.00092	.00184	.13922	.10774	-.00191	.00002
Stddev	.02766	.00011	.01001	.00186	.00427	.00075	.00082
%RSD	16.009	11.560	545.03	1.3350	3.9667	39.604	4975.0

#1	.19236	.00100	.00892	.13791	.10472	-.00137	.00060
#2	.15324	.00085	-.00524	.14053	.11077	-.00244	-.00056

Sample Name: J5244-05DUP Acquired: 10/5/2018 16:23:28 Type: Unk
Method: P4-ICP2(v2481) 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	-.00724	.0015	.00310	F<.00000	.76438
Stddev	.00091	.0014	.00001	.31278	.54336
%RSD	12.538	92.34	.39252	22.710	71.084

#1	-.00660	.0025	.00309	-1.5985	1.1486
#2	-.00788	.0005	.00311	-1.1561	.38017

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.4	71807.	5209.0	116.00	4561.6
Stddev	39.4	91.	45.5	.27	61.0
%RSD	1.2376	.12677	.87360	.22905	1.3365

#1	3154.6	71743.	5176.8	115.82	4518.5
#2	3210.3	71872.	5241.2	116.19	4604.7

Sample Name: J5244-05LX5 Acquired: 10/5/2018 16:27:32 Type: Unk
Method: P4-ICP2(v2481) 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	.00019	.00100	-.00201	-.00288	-.00092	.00364	.01769
Stddev	.00174	.00035	.00032	.00260	.00123	.00381	.00029
%RSD	912.35	35.061	15.844	90.306	133.92	104.65	1.6371

#1	.00142	.00075	-.00223	-.00104	-.00179	.00095	.01748
#2	-.00104	.00125	-.00178	-.00473	-.00005	.00633	.01789

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	.16886	.00022	.00017	.00035	.02817
Stddev	.00002	.00006	.00534	.00050	.00018	.00046	.00254
%RSD	162.63	200.77	3.1647	228.02	105.34	132.94	9.0081

#1	.00002	.00007	.16508	.00057	.00004	.00067	.02638
#2	-.00000	-.00001	.17263	-.00013	.00030	.00002	.02996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00393	.00140	-.00206	.12518	-.00017	.00268
Stddev	.00004	.03784	.00043	.00034	.01208	.00060	.00015
%RSD	4.5769	962.41	30.458	16.603	9.6462	351.01	5.7584

#1	.00096	.02283	.00170	-.00231	.11664	.00025	.00279
#2	.00090	-.03069	.00110	-.00182	.13372	-.00060	.00257

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02735	.00013	-.00084	.00907	.02633	-.00196	-.00002
Stddev	.00470	.00015	.00834	.00060	.00049	.00017	.00008
%RSD	17.168	109.59	987.73	6.6501	1.8540	8.5008	387.37

#1	-.03067	.00003	-.00674	.00950	.02668	-.00207	-.00007
#2	-.02403	.00024	.00505	.00865	.02599	-.00184	.00003

Sample Name: J5244-05LX5 Acquired: 10/5/2018 16:27:32 Type: Unk
 Method: P4-ICP2(v2481) 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	-.00778	-.0015	.00077	F<.00000	.62725
Stddev	.00170	.0003	.00006	.52601	.04241
%RSD	21.832	17.35	7.5990	36.038	6.7616

#1	-.00898	-.0017	.00081	-1.8315	.59726
#2	-.00658	-.0013	.00073	-1.0877	.65724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.1	71708.	5255.8	113.46	4533.3
Stddev	31.3	376.	125.2	1.93	53.8
%RSD	.98799	.52370	2.3822	1.7026	1.1865

#1	3191.3	71442.	5344.3	112.09	4571.3
#2	3147.0	71973.	5167.3	114.82	4495.2

Sample Name: J5244-05MS Acquired: 10/5/2018 16:31:37 Type: Unk
Method: P4-ICP2(v2481) 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	.68714	1.7703	.86674	1.7840	.69946	1.7161	.24851	.17596
Stddev	.00070	.0189	.00667	.0180	.01079	.0147	.00004	.00081
%RSD	.10237	1.0657	.76965	1.0067	1.5425	.85446	.01477	.46091
#1	.68664	1.7570	.86202	1.7713	.69183	1.7057	.24853	.17539
#2	.68764	1.7836	.87146	1.7967	.70709	1.7265	.24848	.17654
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17301	1.4936	.35692	.17595	.28506	2.7027	.18872	1.9499
Stddev	.00160	.0080	.00072	.00196	.00302	.0185	.00100	.0239
%RSD	.92516	.53704	.20209	1.1166	1.0604	.68466	.53041	1.2273
#1	.17187	1.4879	.35641	.17456	.28292	2.6896	.18801	1.9330
#2	.17414	1.4992	.35743	.17734	.28720	2.7158	.18943	1.9669
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44574	.05911	3.3223	.26821	.19769	9.4516	.35938	.27540
Stddev	.00413	.00009	.0035	.00062	.00158	.0246	.00312	.00656
%RSD	.92711	.15803	.10565	.23242	.79697	.25986	.86853	2.3804
#1	.44282	.05918	3.3248	.26777	.19657	9.4690	.35717	.28004
#2	.44867	.05905	3.3198	.26866	.19880	9.4343	.36158	.27077
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12415	.92643	.60103	.17844	.19446	4.985	.18031	<.00000
Stddev	.00117	.00387	.00484	.00001	.00082	.054	.00182	.70306
%RSD	.94163	.41738	.80537	.00830	.42326	1.085	1.0068	190.06
#1	.12498	.92917	.59760	.17845	.19504	4.947	.18160	-.86705
#2	.12333	.92370	.60445	.17843	.19388	5.023	.17903	.12723

Sample Name: J5244-05MS Acquired: 10/5/2018 16:31:37 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3899
Stddev	.5853
%RSD	42.108

#1	1.8038
#2	.97608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.6	70806.	5183.5	112.81	4465.4
Stddev	11.1	43.	42.6	.82	13.1
%RSD	.35261	.06109	.82166	.72517	.29296

#1	3141.8	70837.	5153.4	112.23	4456.2
#2	3157.5	70775.	5213.6	113.39	4474.7

Sample Name: CCV05 Acquired: 10/5/2018 16:35:27 Type: Unk
Method: P4-ICP2(v2481) 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	4.9102	4.8732	4.9143	4.9883	4.9429	9.9579	10.205	.24841
Stddev	.0050	.0063	.0126	.0239	.0027	.0016	.100	.00078
%RSD	.10185	.12968	.25632	.47976	.05392	.01599	.97729	.31364
#1	4.9066	4.8776	4.9233	5.0052	4.9448	9.9591	10.276	.24785
#2	4.9137	4.8687	4.9054	4.9713	4.9410	9.9568	10.135	.24896
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4568	24.753	.98051	2.4440	1.2429	4.9123	2.4941	25.140
Stddev	.0033	.255	.00376	.0023	.0034	.0765	.0104	.087
%RSD	.13508	1.0320	.38387	.09502	.27519	1.5574	.41582	.34785
#1	2.4592	24.934	.97785	2.4456	1.2453	4.8582	2.4867	25.202
#2	2.4545	24.573	.98317	2.4423	1.2404	4.9664	2.5014	25.078
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4600	1.1970	24.943	2.5013	2.4852	25.508	4.9471	5.1388
Stddev	.0054	.0011	.210	.0084	.0241	.184	.0073	.0236
%RSD	.22104	.08950	.84199	.33454	.97073	.71985	.14704	.46002
#1	2.4639	1.1977	25.092	2.4954	2.4681	25.637	4.9522	5.1221
#2	2.4562	1.1962	24.795	2.5072	2.5022	25.378	4.9419	5.1555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9115	4.8866	4.8813	4.9890	5.4982	5.073	4.9555	F 2.9679
Stddev	.0025	.0824	.0061	.0071	.0504	.017	.0868	.0526
%RSD	.05149	1.6857	.12417	.14277	.91746	.3286	1.7522	1.7724
#1	4.9097	4.9449	4.8855	4.9940	5.5338	5.085	5.0169	3.0051
#2	4.9133	4.8284	4.8770	4.9839	5.4625	5.061	4.8941	2.9307

Sample Name: CCV05 Acquired: 10/5/2018 16:35:27 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.0535
 Stddev .0863
 %RSD 2.8275

#1 2.9924
 #2 3.1145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.3	67307.	5137.4	108.27	4024.2
Stddev	7.3	406.	36.3	.91	11.1
%RSD	.24246	.60340	.70694	.83796	.27590

#1	3001.1	67594.	5111.7	108.91	4016.4
#2	3011.4	67020.	5163.0	107.63	4032.1

Sample Name: CCB05 Acquired: 10/5/2018 16:39:16 Type: Unk
Method: P4-ICP2(v2481) 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	.00255	.00204	-.00080	.00090	.00128	.01035	-.00003	-.00001
Stddev	.00192	.00043	.00038	.00005	.00026	.01174	.00016	.00005
%RSD	75.099	21.134	47.858	5.6740	20.589	113.45	566.59	355.83

#1	.00391	.00174	-.00107	.00086	.00109	.01865	-.00014	-.00005
#2	.00120	.00234	-.00053	.00093	.00146	.00205	.00008	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.02576	-.00031	.00009	.00003	.01117	-.00003	-.03337
Stddev	.00009	.00356	.00000	.00025	.00023	.00495	.00001	.00802
%RSD	245.95	13.807	.72407	293.59	751.85	44.261	29.228	24.028

#1	.00010	-.02325	-.00030	-.00009	.00019	.00768	-.00002	-.02770
#2	-.00003	-.02828	-.00031	.00026	-.00013	.01467	-.00003	-.03904

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00206	-.06815	-.00002	-.00018	-.11905	.00064	.00048
Stddev	.00012	.00053	.00656	.00033	.00001	.00736	.00027	.00036
%RSD	21.195	25.776	9.6193	2129.6	3.4597	6.1847	42.536	74.848

#1	.00046	-.00244	-.07279	.00022	-.00019	-.11385	.00083	.00073
#2	.00063	-.00169	-.06352	-.00025	-.00018	-.12426	.00044	.00022

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04634	-.00468	-.00092	.00132	-.00742	-.0032	.00000	<.00000
Stddev	.00169	.00024	.00037	.00069	.00072	.0012	.00002	.00081
%RSD	3.6423	5.2076	39.897	52.044	9.6747	38.69	554.13	.16765

#1	-.04753	-.00450	-.00118	.00181	-.00691	-.0040	.00002	-.48546
#2	-.04514	-.00485	-.00066	.00084	-.00792	-.0023	-.00001	-.48661

Sample Name: CCB05 Acquired: 10/5/2018 16:39:16 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.84601
Stddev	.23151
%RSD	27.365

#1	.68230
#2	1.0097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.0	71179.	5180.9	113.40	4506.5
Stddev	12.4	375.	3.5	.21	8.0
%RSD	.39283	.52702	.06818	.18895	.17855

#1	3148.2	70914.	5183.4	113.55	4500.8
#2	3165.7	71444.	5178.4	113.25	4512.2

Sample Name: J5244-05MSD Acquired: 10/5/2018 16:43:21 Type: Unk
Method: P4-ICP2(v2481) 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	.76765	1.9802	.96565	1.9734	.78519	1.9115	.26973
Stddev	.01046	.0203	.00841	.0227	.00649	.0004	.00149
%RSD	1.3623	1.0229	.87103	1.1523	.82714	.01893	.55058

#1	.76026	1.9659	.95970	1.9573	.78060	1.9112	.26868
#2	.77505	1.9946	.97160	1.9895	.78978	1.9117	.27078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19461	.19310	1.6246	.39588	.19676	.31627	2.8938
Stddev	.00071	.00215	.0198	.00039	.00096	.00316	.0779
%RSD	.36738	1.1120	1.2188	.09890	.48798	.99852	2.6932

#1	.19410	.19158	1.6386	.39616	.19608	.31403	2.9490
#2	.19511	.19462	1.6106	.39560	.19744	.31850	2.8387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20746	2.0689	.49691	.06691	3.6243	.29603	.20984
Stddev	.00102	.0652	.00388	.00033	.0070	.00010	.00494
%RSD	.48971	3.1502	.77988	.48580	.19233	.03406	2.3536

#1	.20674	2.1149	.49417	.06714	3.6194	.29596	.21333
#2	.20817	2.0228	.49965	.06668	3.6292	.29610	.20635

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.355	.40313	.29555	.13862	1.0263	.67667	.19662
Stddev	.024	.00403	.00702	.00038	.0045	.00804	.00187
%RSD	.23591	.99846	2.3759	.27189	.43692	1.1875	.95240

#1	10.338	.40029	.30052	.13889	1.0231	.67099	.19529
#2	10.372	.40598	.29059	.13835	1.0295	.68236	.19794

Sample Name: J5244-05MSD Acquired: 10/5/2018 16:43:21 Type: Unk
 Method: P4-ICP2(v2481) 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	.21679	5.547	.19544	F<.00000	1.5003
Stddev	.00099	.048	.00017	.92161	.1100
%RSD	.45766	.8691	.08537	83.583	7.3286

#1	.21609	5.513	.19532	-.45095	1.5781
#2	.21749	5.581	.19556	-1.7543	1.4226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.5	71062.	5240.7	117.25	4426.5
Stddev	5.0	295.	51.4	3.44	.1
%RSD	.16124	.41503	.98163	2.9335	.00169

#1	3122.9	70853.	5204.3	114.82	4426.4
#2	3130.0	71271.	5277.1	119.69	4426.5

Sample Name: J5244-05A Acquired: 10/5/2018 16:47:10 Type: Unk
Method: P4-ICP2(v2481) 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	.80105	2.0691	1.0165	2.0652	.82905	2.0044	.28946	.20847
Stddev	.00220	.0161	.0062	.0090	.00200	.0223	.00095	.00022
%RSD	.27420	.77811	.60770	.43389	.24174	1.1130	.32804	.10749
#1	.79949	2.0578	1.0122	2.0588	.83047	1.9887	.28879	.20863
#2	.80260	2.0805	1.0209	2.0715	.82763	2.0202	.29013	.20831
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20312	1.7311	.42297	.20644	.33211	3.1742	.22121	2.2452
Stddev	.00041	.0126	.00132	.00057	.00052	.0439	.00053	.0995
%RSD	.20181	.72625	.31213	.27507	.15575	1.3818	.24092	4.4304
#1	.20283	1.7222	.42390	.20604	.33175	3.1432	.22159	2.3156
#2	.20341	1.7400	.42203	.20684	.33248	3.2052	.22084	2.1749
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52146	.07076	3.8927	.31756	.23238	11.224	.42641	.32133
Stddev	.00181	.00052	.0050	.00091	.00627	.001	.00144	.00183
%RSD	.34630	.73940	.12758	.28806	2.6988	.00757	.33760	.56952
#1	.52018	.07039	3.8892	.31821	.22795	11.225	.42539	.32004
#2	.52274	.07113	3.8962	.31692	.23682	11.224	.42743	.32263
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13677	1.1267	.71447	.21662	.23240	5.823	.21423	<.00000
Stddev	.00251	.0118	.00234	.00197	.00014	.010	.00107	.84214
%RSD	1.8378	1.0457	.32808	.91172	.06190	.1668	.49946	84.528
#1	.13499	1.1350	.71282	.21522	.23230	5.816	.21347	-1.5918
#2	.13855	1.1183	.71613	.21802	.23250	5.830	.21498	-.40080

Sample Name: J5244-05A Acquired: 10/5/2018 16:47:10 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0418
Stddev	.3962
%RSD	38.026

#1	1.3219
#2	.76167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.4	70732.	5102.1	112.29	4439.5
Stddev	5.5	119.	4.6	1.20	2.3
%RSD	.17598	.16868	.09060	1.0649	.05186

#1	3134.5	70647.	5098.8	113.13	4437.8
#2	3142.3	70816.	5105.3	111.44	4441.1

Sample Name: J5248-02 Acquired: 10/5/2018 16:51:00 Type: Unk
Method: P4-ICP2(v2481) 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	.00181	.00252	-.00191	-.00167	.00146	.01012	.07286	-.00004
Stddev	.00021	.00089	.00107	.00089	.00026	.00097	.00110	.00006
%RSD	11.527	35.308	55.958	53.261	17.753	9.5795	1.5142	151.90

#1	.00166	.00189	-.00116	-.00229	.00164	.01081	.07364	-.00008
#2	.00196	.00315	-.00267	-.00104	.00128	.00944	.07208	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	5.5872	.00020	-.00006	.00044	.09680	.00031	.68641
Stddev	.00000	.0115	.00008	.00007	.00014	.01528	.00007	.00807
%RSD	6.7181	.20585	39.822	131.45	31.725	15.788	22.326	1.1763

#1	-.00004	5.5953	.00014	-.00000	.00054	.10761	.00026	.68070
#2	-.00005	5.5791	.00026	-.00011	.00034	.08600	.00036	.69212

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	-.00186	10.596	.00007	.01644	.29155	.00050	.02063
Stddev	.00037	.00014	.045	.00000	.00051	.03576	.00014	.01309
%RSD	45.011	7.3246	.42019	4.0294	3.0724	12.264	27.615	63.436

#1	.00056	-.00196	10.564	.00007	.01609	.31684	.00040	.02989
#2	.00108	-.00177	10.627	.00007	.01680	.26627	.00059	.01138

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74895	.55241	-.00221	.00059	-.00909	.0058	.03363	<.00000
Stddev	.00178	.01388	.00077	.00001	.00250	.0003	.00013	.00731
%RSD	.23728	2.5131	34.849	1.9564	27.536	5.476	.39716	1.6310

#1	.74769	.54259	-.00276	.00058	-.01086	.0056	.03353	-.44331
#2	.75021	.56223	-.00167	.00060	-.00732	.0060	.03372	-.45365

Sample Name: J5248-02 Acquired: 10/5/2018 16:51:00 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0573
 Stddev .4121
 %RSD 38.973

#1 1.3487
 #2 .76592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.8	70845.	5193.4	114.13	4511.2
Stddev	3.6	326.	37.3	2.22	3.4
%RSD	.11569	.46000	.71755	1.9449	.07439

#1	3141.3	70615.	5219.7	112.56	4508.8
#2	3146.4	71076.	5167.0	115.70	4513.6

Sample Name: J5262-03 Acquired: 10/5/2018 16:55:04 Type: Unk
Method: P4-ICP2(v2481) 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	-.00012	.00135	-.00157	.00019	-.00129	.04067	.10504	.00004
Stddev	.00080	.00106	.00163	.00014	.00071	.01301	.00135	.00002
%RSD	662.24	78.435	103.90	72.322	55.216	31.997	1.2894	48.213

#1	.00044	.00211	-.00042	.00009	-.00180	.04987	.10600	.00002
#2	-.00068	.00060	-.00272	.00029	-.00079	.03147	.10408	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	9.7187	.00109	.00025	-.00072	.03384	.55916	1.8181
Stddev	.00004	.0340	.00006	.00002	.00032	.00486	.00006	.0059
%RSD	207.21	.35009	5.1409	9.3289	44.309	14.372	.01058	.32464

#1	-.00004	9.6946	.00113	.00027	-.00095	.03041	.55912	1.8140
#2	.00001	9.7428	.00105	.00023	-.00050	.03728	.55920	1.8223

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00173	21.055	-.00007	.06340	.93017	.00021	.02592
Stddev	.00002	.00023	.036	.00079	.00003	.03527	.00001	.00245
%RSD	2.2313	13.013	.17002	1100.5	.05364	3.7913	3.4330	9.4688

#1	.00101	-.00157	21.080	.00049	.06338	.95510	.00021	.02766
#2	.00104	-.00189	21.030	-.00063	.06343	.90523	.00022	.02419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4128	1.5131	-.00292	.00093	-.00816	-.0011	.04442	.82946
Stddev	.0064	.0026	.00007	.00122	.00223	.0011	.00014	.09851
%RSD	.45211	.17218	2.3852	131.78	27.272	100.7	.31595	11.876

#1	1.4173	1.5112	-.00297	.00006	-.00974	-.0003	.04432	.89912
#2	1.4083	1.5149	-.00287	.00179	-.00659	-.0019	.04452	.75981

Sample Name: J5262-03 Acquired: 10/5/2018 16:55:04 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3015
Stddev .4631
%RSD 35.583

#1 1.6290
#2 .97404

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.4	69969.	5140.7	114.11	4451.6
Stddev	14.3	62.	15.6	.74	17.2
%RSD	.45718	.08861	.30364	.65159	.38562

#1	3116.3	69925.	5129.7	114.64	4439.5
#2	3136.5	70013.	5151.8	113.59	4463.8

Sample Name: J5179-04 Acquired: 10/5/2018 16:59:04 Type: Unk
Method: P4-ICP2(v2481) 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	-.00458	-.00010	.00025	-.00007	.00080	.12142	.07132	-.00003
Stddev	.00022	.00107	.00021	.00238	.00116	.00246	.00014	.00006
%RSD	4.7629	1065.3	83.876	3534.3	146.15	2.0235	.19252	222.31

#1	-.00474	.00066	.00010	-.00175	.00162	.11969	.07142	-.00007
#2	-.00443	-.00086	.00040	.00162	-.00003	.12316	.07122	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	4.0505	.00106	.00203	.07244	.47254	.07089	.48154
Stddev	.00002	.0512	.00005	.00007	.00036	.00977	.00024	.02134
%RSD	2.2999	1.2648	4.4305	3.3817	.49637	2.0678	.34032	4.4317

#1	.00083	4.0142	.00110	.00207	.07219	.47945	.07106	.49663
#2	.00080	4.0867	.00103	.00198	.07270	.46563	.07072	.46645

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	-.00260	299.80	-.00004	.30652	.28801	.00008	.00425
Stddev	.00028	.00017	.13	.00023	.00108	.00066	.00011	.00703
%RSD	11.096	6.4446	.04334	631.20	.35337	.22856	147.06	165.41

#1	.00230	-.00272	299.89	.00012	.30575	.28847	-.00000	.00922
#2	.00269	-.00248	299.70	-.00020	.30729	.28754	.00016	-.00072

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03867	.40992	.00049	.00273	-.00573	.0056	.02475	2.6290
Stddev	.00691	.00525	.00068	.00128	.00231	.0011	.00004	.5832
%RSD	17.882	1.2812	139.98	46.644	40.233	19.78	.16882	22.184

#1	.04356	.40621	.00000	.00183	-.00737	.0048	.02472	2.2166
#2	.03378	.41363	.00097	.00364	-.00410	.0064	.02478	3.0414

Sample Name: J5179-04 Acquired: 10/5/2018 16:59:04 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7443
 Stddev .0515
 %RSD 1.8777

#1 2.7079
 #2 2.7807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.0	65472.	5006.4	106.92	4037.6
Stddev	5.4	366.	2.5	.09	14.7
%RSD	.18033	.55914	.04918	.08818	.36428

#1	2975.2	65213.	5004.7	106.85	4027.2
#2	2982.8	65731.	5008.2	106.99	4048.0

Sample Name: J5179-08 Acquired: 10/5/2018 17:03:11 Type: Unk
Method: P4-ICP2(v2481) 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	-.00016	-.00103	-.00024	.00175	.00156	.11201	.03935	.00001
Stddev	.00113	.00021	.00107	.00096	.00021	.01110	.00053	.00001
%RSD	726.68	20.464	448.98	54.727	13.235	9.9116	1.3527	50.414

#1	-.00096	-.00118	-.00099	.00107	.00170	.11986	.03898	.00002
#2	.00065	-.00088	.00052	.00243	.00141	.10416	.03973	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	12.284	-.00063	.00210	.01489	.36814	.13381	.58687
Stddev	.00003	.102	.00034	.00027	.00028	.00134	.00086	.04728
%RSD	7.6992	.82816	53.682	12.884	1.8859	.36401	.63896	8.0562

#1	.00046	12.212	-.00039	.00229	.01509	.36719	.13321	.62030
#2	.00041	12.356	-.00087	.00191	.01469	.36908	.13442	.55344

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00210	280.96	.00012	.07469	.20773	.00020	.00897
Stddev	.00003	.00061	.52	.00008	.00012	.03373	.00017	.01555
%RSD	1.8661	28.997	.18613	62.290	.16311	16.237	85.799	173.27

#1	.00141	-.00167	280.59	.00017	.07461	.23158	.00032	.01997
#2	.00145	-.00253	281.33	.00007	.07478	.18388	.00008	-.00202

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00397	.37245	-.00026	.00266	-.00480	.0037	.01541	2.2145
Stddev	.00063	.00272	.00072	.00081	.00009	.0001	.00016	.4045
%RSD	15.890	.72964	279.59	30.386	1.8093	2.579	1.0684	18.267

#1	-.00353	.37053	-.00077	.00323	-.00487	.0036	.01553	2.5005
#2	-.00442	.37438	.00025	.00209	-.00474	.0037	.01530	1.9285

Sample Name: J5179-08 Acquired: 10/5/2018 17:03:11 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5026
Stddev .3802
%RSD 15.191

#1 2.7714
#2 2.2338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.4	66100.	5047.8	109.89	4025.6
Stddev	15.5	125.	6.6	.54	26.8
%RSD	.52160	.18836	.13072	.48941	.66456

#1	2953.5	66012.	5043.1	109.51	4006.7
#2	2975.3	66188.	5052.5	110.27	4044.6

Sample Name: J5195-02 Acquired: 10/5/2018 17:07:19 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00135	.00812	.00182	-.00117	.17957	.08993	.00007
Stddev	.00150	.00257	.00023	.00135	.00101	.01410	.00010	.00002
%RSD	644.65	190.75	2.8773	74.217	86.817	7.8538	.10625	24.879

#1	-.00083	.00047	.00796	.00086	-.00188	.18954	.08999	.00006
#2	.00130	-.00317	.00829	.00277	-.00045	.16960	.08986	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	8.5526	.00076	.00262	.00810	1.2814	.24758	.77338
Stddev	.00003	.0033	.00019	.00010	.00035	.0043	.00041	.01762
%RSD	19.134	.03836	25.805	3.6410	4.3520	.33138	.16595	2.2783

#1	.00018	8.5502	.00062	.00269	.00835	1.2784	.24787	.78584
#2	.00014	8.5549	.00089	.00255	.00785	1.2844	.24729	.76092

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	-.00199	276.54	-.00027	.09174	.28004	-.00007	.00386
Stddev	.00030	.00007	1.90	.00036	.00139	.00159	.00020	.01883
%RSD	10.415	3.5083	.68766	130.29	1.5173	.56857	264.10	488.34

#1	.00309	-.00204	275.19	-.00002	.09076	.28117	-.00021	-.00946
#2	.00267	-.00194	277.88	-.00052	.09273	.27892	.00006	.01717

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48218	.54512	-.00106	.00388	-.00707	.0044	.05653	2.1837
Stddev	.00907	.00336	.00013	.00147	.00249	.0019	.00002	.1087
%RSD	1.8808	.61710	12.271	37.765	35.244	44.02	.03931	4.9758

#1	.47577	.54275	-.00115	.00492	-.00883	.0058	.05651	2.2605
#2	.48859	.54750	-.00097	.00284	-.00531	.0030	.05654	2.1068

Sample Name: J5195-02 Acquired: 10/5/2018 17:07:19 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9998
Stddev .1828
%RSD 6.0933

#1 2.8706
#2 3.1291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.3	66307.	5131.5	111.56	4048.6
Stddev	3.9	85.	10.0	1.29	5.2
%RSD	.13137	.12834	.19580	1.1558	.12789

#1	2995.6	66246.	5138.6	112.47	4045.0
#2	3001.1	66367.	5124.4	110.65	4052.3

Sample Name: J5195-02DUP Acquired: 10/5/2018 17:11:26 Type: Unk
Method: P4-ICP2(v2481) 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	-.00113	-.00103	.00821	.00158	-.00024	.18399	.09194	.00004
Stddev	.00117	.00139	.00048	.00139	.00076	.00295	.00055	.00004
%RSD	103.16	135.47	5.8359	88.253	315.63	1.6029	.59354	126.16

#1	-.00031	-.00004	.00855	.00256	-.00078	.18191	.09233	.00000
#2	-.00196	-.00202	.00787	.00059	.00030	.18608	.09155	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	8.7944	.00083	.00254	.00789	1.3093	.25301	.79981
Stddev	.00005	.0469	.00014	.00003	.00007	.0099	.00013	.01765
%RSD	54.869	.53345	16.450	1.0302	.91125	.75570	.05087	2.2062

#1	.00005	8.7612	.00093	.00256	.00784	1.3163	.25311	.78733
#2	.00012	8.8275	.00074	.00252	.00794	1.3023	.25292	.81229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	-.00183	282.24	.00032	.09238	.31403	-.00006	.00034
Stddev	.00010	.00047	2.41	.00038	.00009	.01642	.00027	.00990
%RSD	3.2053	25.746	.85405	117.61	.10041	5.2286	437.50	2893.7

#1	.00308	-.00217	283.94	.00059	.09245	.32565	.00013	-.00666
#2	.00294	-.00150	280.53	.00005	.09231	.30242	-.00026	.00734

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48801	.54704	-.00037	.00439	-.00538	.0058	.05786	2.4762
Stddev	.00115	.00273	.00032	.00071	.00006	.0000	.00040	.7502
%RSD	.23486	.49881	86.016	16.189	1.0688	.3856	.68980	30.297

#1	.48720	.54897	-.00015	.00388	-.00534	.0058	.05758	1.9457
#2	.48882	.54511	-.00060	.00489	-.00542	.0058	.05814	3.0067

Sample Name: J5195-02DUP Acquired: 10/5/2018 17:11:26 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2030
Stddev .0752
%RSD 3.4137

#1 2.2561
#2 2.1498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.8	66234.	5117.7	111.67	4071.9
Stddev	12.6	130.	12.1	.34	29.2
%RSD	.41933	.19606	.23602	.30604	.71813

#1	2994.9	66326.	5126.3	111.43	4051.2
#2	3012.7	66142.	5109.2	111.92	4092.6

Sample Name: J5195-02LX5 Acquired: 10/5/2018 17:15:34 Type: Unk
Method: P4-ICP2(v2481) 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	.00203	.00225	.00039	.00044	-.00149	.02218	.01877	.00003
Stddev	.00111	.00105	.00096	.00183	.00153	.00427	.00065	.00002
%RSD	54.494	46.472	246.95	410.46	102.45	19.250	3.4424	59.495

#1	.00282	.00151	.00107	.00174	-.00041	.02520	.01922	.00005
#2	.00125	.00299	-.00029	-.00085	-.00257	.01916	.01831	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	1.7186	.00346	.00058	.00115	.28093	.05115	.13697
Stddev	.00009	.0056	.00007	.00012	.00008	.00366	.00063	.00447
%RSD	788.59	.32392	2.0949	21.040	7.1539	1.3023	1.2269	3.2647

#1	-.00005	1.7226	.00351	.00067	.00109	.28352	.05070	.13381
#2	.00008	1.7147	.00341	.00049	.00121	.27834	.05159	.14013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	-.00199	56.848	.00019	.01962	-.03493	.00042	-.00936
Stddev	.00005	.00028	.234	.00019	.00016	.01320	.00004	.00259
%RSD	2.3334	14.222	.41117	105.18	.80699	37.782	8.4389	27.620

#1	.00236	-.00219	56.682	.00032	.01951	-.04427	.00045	-.01119
#2	.00228	-.00179	57.013	.00005	.01973	-.02560	.00040	-.00753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05205	.10861	-.00189	.00194	-.00756	-.0014	.01126	.93530
Stddev	.00007	.00189	.00059	.00108	.00299	.0012	.00007	.24555
%RSD	.13929	1.7363	31.370	55.473	39.609	85.29	.66177	26.254

#1	.05200	.10994	-.00231	.00118	-.00544	-.0005	.01121	1.1089
#2	.05210	.10728	-.00147	.00271	-.00968	-.0022	.01131	.76167

Sample Name: J5195-02LX5 Acquired: 10/5/2018 17:15:34 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6546
Stddev .1453
%RSD 8.7799

#1 1.7573
#2 1.5519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.8	68789.	5126.9	110.44	4300.4
Stddev	.9	172.	2.3	1.27	3.0
%RSD	.02926	.25014	.04500	1.1509	.07043

#1	3098.5	68668.	5125.3	111.34	4302.5
#2	3097.2	68911.	5128.6	109.54	4298.3

Sample Name: J5195-02MS Acquired: 10/5/2018 17:19:38 Type: Unk
Method: P4-ICP2(v2481) 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	.75953	1.8164	.94135	1.9276	.74951	2.1121	.29595	.19075	.19130
Stddev	.00171	.0304	.01418	.0143	.00268	.0137	.00090	.00011	.00234
%RSD	.22546	1.6752	1.5060	.74254	.35699	.64979	.30502	.06010	1.2213

#1	.75832	1.7949	.93132	1.9175	.74762	2.1218	.29659	.19067	.18964
#2	.76074	1.8379	.95137	1.9377	.75140	2.1024	.29531	.19083	.19295

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7141	.38510	.19525	.29829	4.1478	.44414	2.7396	.48536	.06276
Stddev	.0160	.00010	.00242	.00217	.0204	.00054	.0793	.00622	.00101
%RSD	.16472	.02608	1.2417	.72768	.49062	.12171	2.8944	1.2821	1.6123

#1	9.7254	.38503	.19353	.29675	4.1334	.44376	2.7957	.48096	.06204
#2	9.7028	.38517	.19696	.29982	4.1622	.44452	2.6836	.48976	.06347

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	282.65	.29970	.28478	10.537	.39481	.29689	.48138	1.4330	.67010
Stddev	2.94	.00063	.00418	.027	.00082	.00289	.00642	.0012	.00652
%RSD	1.0399	.20935	1.4673	.25724	.20716	.97500	1.3334	.08378	.97283

#1	280.57	.29925	.28183	10.556	.39423	.29484	.47685	1.4339	.66549
#2	284.73	.30014	.28774	10.517	.39539	.29894	.48592	1.4322	.67470

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20160	.21319	5.830	.24836	2.1230	2.9594
Stddev	.00033	.00118	.079	.00063	.1116	.1392
%RSD	.16122	.55241	1.349	.25166	5.2551	4.7033

#1	.20137	.21236	5.774	.24792	2.2019	2.8610
#2	.20183	.21402	5.885	.24880	2.0441	3.0578

Sample Name: J5195-02MS Acquired: 10/5/2018 17:19:38 Type: Unk
Method: P4-ICP2(v2481) 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	2983.8	66339.	5019.9	109.90	4010.5
Stddev	8.9	82.	20.3	.96	15.6
%RSD	.29815	.12339	.40475	.86955	.38850
#1	2977.5	66281.	5034.3	110.57	4021.5
#2	2990.1	66397.	5005.5	109.22	3999.5

Sample Name: CCV06 Acquired: 10/5/2018 17:23:34 Type: Unk
Method: P4-ICP2(v2481) 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	4.8799	4.8689	4.8935	4.9342	4.9203	9.8442	10.164	.24705
Stddev	.0046	.0117	.0039	.0216	.0029	.0611	.069	.00031
%RSD	.09485	.24077	.08015	.43876	.05836	.62082	.68298	.12684
#1	4.8832	4.8606	4.8907	4.9495	4.9224	9.8009	10.213	.24683
#2	4.8766	4.8772	4.8963	4.9189	4.9183	9.8874	10.115	.24728
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4488	24.765	.97529	2.4364	1.2358	4.9940	2.4825	25.198
Stddev	.0035	.216	.00104	.0011	.0044	.1546	.0043	.001
%RSD	.14311	.87410	.10652	.04509	.35857	3.0959	.17328	.00389
#1	2.4463	24.918	.97455	2.4356	1.2390	4.8847	2.4794	25.197
#2	2.4513	24.612	.97602	2.4371	1.2327	5.1033	2.4855	25.199
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4478	1.1957	25.016	2.5006	2.5274	25.465	4.9560	5.1460
Stddev	.0028	.0019	.136	.0037	.0368	.186	.0077	.0061
%RSD	.11360	.16248	.54276	.14943	1.4576	.72893	.15533	.11824
#1	2.4458	1.1943	25.112	2.4980	2.5014	25.597	4.9614	5.1417
#2	2.4497	1.1971	24.920	2.5033	2.5535	25.334	4.9505	5.1503
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8181	4.9251	4.8697	4.9685	5.4976	5.047	4.9826	F 2.3910
Stddev	.0054	.0604	.0056	.0114	.0297	.002	.0397	.0770
%RSD	.11293	1.2257	.11548	.22948	.54098	.0440	.79629	3.2183
#1	4.8143	4.9677	4.8657	4.9765	5.5186	5.045	5.0107	2.3365
#2	4.8220	4.8824	4.8736	4.9604	5.4765	5.048	4.9546	2.4454

Sample Name: CCV06 Acquired: 10/5/2018 17:23:34 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7036
Stddev .5464
%RSD 20.211

#1 3.0900
#2 2.3172

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.0	67722.	5102.6	106.38	4049.0
Stddev	7.2	41.	57.7	1.41	2.7
%RSD	.23821	.06097	1.1299	1.3284	.06546

#1	3013.0	67751.	5061.8	107.38	4047.2
#2	3023.1	67693.	5143.4	105.38	4050.9

Sample Name: CCB06 Acquired: 10/5/2018 17:27:18 Type: Unk
Method: P4-ICP2(v2481) 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	-.00035	.00145	-.00082	.00010	.00066	-.00499	-.00054
Stddev	.00159	.00066	.00011	.00269	.00090	.00320	.00080
%RSD	450.35	45.590	12.970	2812.6	136.47	64.011	148.67

#1	-.00147	.00098	-.00074	-.00180	.00002	-.00273	.00003
#2	.00077	.00192	-.00089	.00200	.00130	-.00725	-.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00000	-.00578	.00002	.00004	-.00039	.01425
Stddev	.00003	.00003	.00311	.00087	.00023	.00016	.00821
%RSD	87.439	597.73	53.777	4329.0	528.21	41.129	57.624

#1	.00001	.00002	-.00358	.00063	.00020	-.00050	.00844
#2	.00005	-.00001	-.00797	-.00059	-.00012	-.00028	.02006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00811	.00075	-.00174	-.02418	.00009	-.00017
Stddev	.00004	.03460	.00018	.00058	.00435	.00013	.00011
%RSD	69.642	426.41	23.722	33.472	17.997	154.49	66.968

#1	-.00008	.01635	.00062	-.00215	-.02110	-.00001	-.00009
#2	-.00003	-.03258	.00088	-.00133	-.02726	.00018	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10163	.00062	-.01122	F -.05113	-.00171	-.00207	-.00055
Stddev	.01546	.00022	.00399	.00235	.00017	.00050	.00121
%RSD	15.214	35.752	35.591	4.6044	9.7384	24.100	218.56

#1	-.09070	.00077	-.00840	-.05279	-.00159	-.00242	-.00141
#2	-.11257	.00046	-.01404	-.04946	-.00183	-.00172	.00030

Sample Name: CCB06 Acquired: 10/5/2018 17:27:18 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00606	-0.0020	-0.00009	F<0.00000	F 1.4347
Stddev	.00097	.0007	.00002	.50407	.1575
%RSD	16.017	35.27	19.621	37.501	10.978

#1	-0.00674	-0.0025	-0.00008	-0.98772	1.3234
#2	-0.00537	-0.0015	-0.00011	-1.7006	1.5461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3161.5	71523.	5133.6	110.18	4520.6
Stddev	8.5	169.	27.0	1.18	13.4
%RSD	.26959	.23640	.52655	1.0701	.29566

#1	3155.4	71643.	5114.5	109.35	4511.2
#2	3167.5	71404.	5152.7	111.01	4530.1

Sample Name: PB113542BL Acquired: 10/5/2018 17:31:23 Type: Unk
Method: P4-ICP2(v2481) 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	.00046	.00032	-.00176	-.00128	-.00079	-.00417	.00041
Stddev	.00078	.00117	.00039	.00012	.00039	.01355	.00047
%RSD	169.97	366.84	21.846	9.3285	49.288	324.68	117.04

#1	.00101	.00114	-.00204	-.00136	-.00107	-.01375	.00074
#2	-.00009	-.00051	-.00149	-.00119	-.00052	.00541	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00000	-.01555	-.00039	-.00005	-.00028	-.00350
Stddev	.00001	.00006	.00470	.00004	.00016	.00043	.01094
%RSD	40.056	2290.4	30.228	10.870	295.96	155.93	312.36

#1	-.00001	-.00004	-.01887	-.00042	.00006	-.00058	.00423
#2	-.00002	.00005	-.01222	-.00036	-.00016	.00003	-.01124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00682	.00045	-.00188	-.03651	.00002	-.00011
Stddev	.00003	.02794	.00032	.00027	.00103	.00030	.00009
%RSD	34.577	409.51	70.793	14.080	2.8219	1408.0	78.090

#1	-.00011	-.02658	.00067	-.00207	-.03578	-.00019	-.00005
#2	-.00007	.01294	.00022	-.00170	-.03724	.00023	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09807	-.00008	-.00941	F -.05137	-.00528	-.00187	.00042
Stddev	.00277	.00019	.00382	.00158	.00713	.00076	.00173
%RSD	2.8211	256.52	40.633	3.0783	134.97	40.821	413.48

#1	-.09611	.00006	-.00671	-.05026	-.00024	-.00133	-.00080
#2	-.10002	-.00021	-.01212	-.05249	-.01033	-.00241	.00164

Sample Name: PB113542BL Acquired: 10/5/2018 17:31:23 Type: Unk
 Method: P4-ICP2(v2481) 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	-.00712	-.0016	-.00001	F .00959	F 1.0917
Stddev	.00071	.0024	.00017	.31888	.5447
%RSD	9.9732	151.5	1290.6	3324.9	49.896

#1	-.00662	-.0033	.00011	-.21589	1.4769
#2	-.00763	.0001	-.00013	.23508	.70656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.8	71350.	5122.3	109.46	4508.1
Stddev	.6	87.	13.7	.01	6.9
%RSD	.01754	.12177	.26762	.00930	.15370

#1	3162.4	71411.	5132.0	109.45	4503.2
#2	3163.2	71288.	5112.6	109.47	4513.0

Sample Name: PB113542BS Acquired: 10/5/2018 17:35:28 Type: Unk
Method: P4-ICP2(v2481) 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	.74541	1.9123	.94979	1.8798	.75902	1.9477	.21173
Stddev	.00086	.0124	.00234	.0054	.00327	.0303	.00119
%RSD	.11541	.64979	.24594	.28952	.43117	1.5546	.56383

#1	.74602	1.9211	.95144	1.8837	.76133	1.9263	.21257
#2	.74480	1.9035	.94814	1.8760	.75670	1.9691	.21089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18969	.18760	1.0270	.39487	.19394	.30700	2.9708
Stddev	.00017	.00039	.0057	.00220	.00070	.00032	.0064
%RSD	.09087	.20841	.55406	.55613	.35920	.10413	.21659

#1	.18981	.18788	1.0310	.39332	.19443	.30723	2.9662
#2	.18957	.18733	1.0229	.39643	.19345	.30677	2.9753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20580	2.0733	.48916	.06539	3.0777	.30077	.19782
Stddev	.00013	.0313	.00035	.00015	.0077	.00014	.00387
%RSD	.06445	1.5079	.07135	.22705	.24882	.04598	1.9577

#1	.20570	2.0512	.48940	.06528	3.0831	.30086	.20055
#2	.20589	2.0954	.48891	.06549	3.0723	.30067	.19508

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.420	.39718	.28911	F -.05936	.90747	.66007	.19995
Stddev	.053	.00075	.01042	.00252	.01782	.00028	.00336
%RSD	.50869	.18794	3.6044	4.2450	1.9632	.04262	1.6796

#1	10.458	.39771	.29648	-.06115	.92007	.66027	.19757
#2	10.383	.39665	.28175	-.05758	.89488	.65987	.20232

Sample Name: PB113542BS Acquired: 10/5/2018 17:35:28 Type: Unk
Method: P4-ICP2(v2481) 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	.22269	5.401	.19765	F<.00000	F 1.6918
Stddev	.00101	.024	.00214	.57195	.0273
%RSD	.45266	.4478	1.0842	60.791	1.6126

#1	.22198	5.418	.19916	-.53642	1.6725
#2	.22340	5.384	.19613	-1.3453	1.7111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.2	70915.	5170.4	114.64	4433.3
Stddev	7.2	8.	93.9	2.05	11.2
%RSD	.22935	.01175	1.8165	1.7855	.25328

#1	3130.1	70909.	5104.0	113.19	4425.4
#2	3140.2	70921.	5236.8	116.09	4441.3

Sample Name: J5195-02MSD Acquired: 10/5/2018 17:39:17 Type: Unk
Method: P4-ICP2(v2481) 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	.77861	1.8472	.95807	1.9671	.76080	2.1428	.30033	.19635	.19422
Stddev	.00031	.0101	.00515	.0141	.00221	.0121	.00117	.00014	.00133
%RSD	.03940	.54702	.53736	.71606	.29029	.56357	.39023	.07054	.68600

#1	.77883	1.8401	.95443	1.9770	.75924	2.1514	.30116	.19625	.19328
#2	.77840	1.8544	.96171	1.9571	.76236	2.1343	.29950	.19644	.19516

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6864	.39685	.19904	.30344	4.3176	.44742	2.8349	.49448	.06488
Stddev	.0225	.00028	.00128	.00001	.0528	.00024	.0297	.00262	.00075
%RSD	.23178	.06947	.64447	.00472	1.2230	.05391	1.0494	.52988	1.1541

#1	9.6705	.39705	.19813	.30343	4.3549	.44724	2.8139	.49263	.06540
#2	9.7023	.39666	.19995	.30345	4.2802	.44759	2.8560	.49633	.06435

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	281.25	.30882	.29424	10.765	.40160	.30837	.47679	1.4500	.67779
Stddev	.64	.00030	.00602	.001	.00130	.01174	.00554	.0023	.00132
%RSD	.22649	.09567	2.0460	.00725	.32247	3.8072	1.1613	.15600	.19529

#1	281.70	.30861	.29850	10.766	.40251	.30007	.47288	1.4516	.67686
#2	280.80	.30903	.28998	10.765	.40068	.31667	.48071	1.4484	.67873

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20471	.21856	5.942	.25360	1.6456	2.4825
Stddev	.00375	.00197	.030	.00035	1.0728	.2651
%RSD	1.8327	.90316	.5102	.13867	65.188	10.680

#1	.20737	.21996	5.920	.25385	2.4042	2.2950
#2	.20206	.21717	5.963	.25335	.88709	2.6700

Sample Name: J5195-02MSD Acquired: 10/5/2018 17:39:17 Type: Unk
Method: P4-ICP2(v2481) 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	2997.4	66763.	5073.8	108.21	4034.5
Stddev	12.5	.	15.6	2.39	15.7
%RSD	.41773	.00015	.30666	2.2120	.38938
#1	2988.5	66763.	5062.8	106.51	4045.6
#2	3006.2	66763.	5084.8	109.90	4023.4

Sample Name: J5195-02A Acquired: 10/5/2018 17:43:12 Type: Unk
Method: P4-ICP2(v2481) 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	.78081	1.8397	.95624	1.9731	.76603	2.1591	.30022	.19626	.19391
Stddev	.00280	.0069	.00091	.0013	.00144	.0054	.00141	.00007	.00002
%RSD	.35874	.37660	.09534	.06655	.18779	.24853	.46895	.03463	.00812

#1	.78279	1.8348	.95688	1.9740	.76704	2.1629	.30122	.19621	.19390
#2	.77883	1.8446	.95559	1.9721	.76501	2.1553	.29923	.19631	.19393

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6500	.39863	.19890	.30706	4.2534	.44587	2.8760	.49421	.06573
Stddev	.0562	.00001	.00003	.00104	.0735	.00027	.0664	.00021	.00048
%RSD	.58226	.00233	.01363	.33853	1.7278	.05999	2.3097	.04214	.72985

#1	9.6103	.39862	.19888	.30779	4.3054	.44568	2.9230	.49435	.06539
#2	9.6897	.39864	.19892	.30632	4.2015	.44606	2.8290	.49406	.06607

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	278.50	.30820	.28708	10.760	.40558	.30872	.47297	1.4431	.67435
Stddev	.90	.00140	.00621	.045	.00024	.00196	.00006	.0077	.00105
%RSD	.32343	.45555	2.1630	.41636	.05933	.63641	.01167	.53603	.15622

#1	279.14	.30721	.29147	10.791	.40541	.31011	.47300	1.4485	.67360
#2	277.87	.30919	.28269	10.728	.40575	.30733	.47293	1.4376	.67509

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20616	.21685	5.934	.25253	.81327	3.0488
Stddev	.00179	.00134	.022	.00145	.75499	.5061
%RSD	.86749	.61787	.3714	.57507	92.835	16.601

#1	.20742	.21780	5.919	.25356	.27941	3.4067
#2	.20489	.21590	5.950	.25150	1.3471	2.6909

Sample Name: J5195-02A Acquired: 10/5/2018 17:43:12 Type: Unk
Method: P4-ICP2(v2481) 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	3006.3	67319.	5117.6	111.69	4082.1
Stddev	4.9	11.	30.5	2.40	.8
%RSD	.16360	.01642	.59608	2.1525	.01955
#1	3002.8	67311.	5096.0	109.99	4081.6
#2	3009.8	67326.	5139.1	113.39	4082.7

Sample Name: J5255-06 Acquired: 10/5/2018 17:47:07 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	.00078	.00271	.00397	.00007	.07385	.32744	.00006
Stddev	.00427	.00104	.00134	.00337	.00032	.00480	.00026	.00001
%RSD	629.59	133.11	49.568	84.901	469.96	6.4937	.07803	22.932

#1	-.00370	.00152	.00176	.00635	-.00016	.07046	.32763	.00005
#2	.00234	.00005	.00366	.00159	.00029	.07724	.32726	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	20.216	.00462	.00462	.01267	.00485	.53036	2.4380
Stddev	.00014	.034	.00026	.00012	.00029	.00749	.00003	.0565
%RSD	23.726	.16770	5.5250	2.5224	2.2838	154.48	.00638	2.3170

#1	.00049	20.192	.00444	.00471	.01287	-.00045	.53034	2.4779
#2	.00068	20.240	.00480	.00454	.01247	.01015	.53038	2.3981

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00706	-.00208	289.70	.00010	.19582	1.5608	.00034	.02944
Stddev	.00005	.00063	3.12	.00036	.00230	.0450	.00033	.00340
%RSD	.77623	30.452	1.0778	343.37	1.1734	2.8811	95.849	11.547

#1	.00702	-.00163	287.49	.00036	.19419	1.5926	.00011	.03184
#2	.00710	-.00253	291.91	-.00015	.19744	1.5290	.00057	.02704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35139	.88524	.00052	.00044	-.00124	-.0018	.06858	2.6253
Stddev	.00782	.00918	.00086	.00144	.00054	.0008	.00008	.2419
%RSD	2.2266	1.0371	164.98	325.18	43.313	42.91	.11500	9.2125

#1	.34586	.89173	-.00009	.00146	-.00086	-.0012	.06852	2.4542
#2	.35692	.87875	.00113	-.00057	-.00162	-.0023	.06863	2.7963

Sample Name: J5255-06 Acquired: 10/5/2018 17:47:07 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0232
 Stddev .2752
 %RSD 13.601

#1 2.2178
 #2 1.8286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2980.9	66564.	5075.6	108.50	4025.6
Stddev	2.9	199.	20.3	1.61	31.1
%RSD	.09764	.29911	.40066	1.4797	.77137

#1	2983.0	66423.	5061.2	109.64	4047.6
#2	2978.9	66705.	5089.9	107.37	4003.7

Sample Name: J5179-01 Acquired: 10/5/2018 17:51:15 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T2-GRAVEL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02370	-.11749	-.04011	-.04073	.00160	123.32	.23789
Stddev	.00073	.00161	.00424	.00240	.00057	.05	.00116
%RSD	3.0934	1.3733	10.562	5.8923	35.631	.03842	.48565

#1	-.02422	-.11863	-.03711	-.03903	.00200	123.29	.23708
#2	-.02318	-.11635	-.04310	-.04242	.00120	123.35	.23871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00752	-.00011	86.243	.12041	.32759	1.8562	584.22
Stddev	.00020	.00073	.464	.00078	.00017	.0074	7.44
%RSD	2.7203	644.22	.53744	.64766	.05040	.39861	1.2741

#1	.00766	.00040	85.915	.12096	.32747	1.8615	578.96
#2	.00737	-.00063	86.570	.11985	.32771	1.8510	589.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4259	89.662	.38265	.01345	3.4615	.75732	3.5825
Stddev	.0060	.820	.00144	.00075	.0105	.00030	.0315
%RSD	.17364	.91433	.37615	5.5688	.30356	.03936	.88007

#1	3.4301	89.083	.38367	.01292	3.4541	.75711	3.5602
#2	3.4217	90.242	.38164	.01398	3.4689	.75754	3.6048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0770	-.00161	1.6333	2.4018	2.4112	-.01827	16.127
Stddev	.0001	.00002	.0358	.0002	.0076	.00085	.045
%RSD	.01319	1.5445	2.1918	.00760	.31553	4.6472	.27723

#1	1.0769	-.00159	1.6080	2.4019	2.4059	-.01767	16.096
#2	1.0771	-.00163	1.6587	2.4017	2.4166	-.01887	16.159

Sample Name: J5179-01 Acquired: 10/5/2018 17:51:15 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: T2-GRAVEL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17218	10.26	.16221	F<.00000	65.528
Stddev	.00131	.01	.00009	.98441	.131
%RSD	.76310	.1438	.05448	1.2868	.20057

#1	.17125	10.27	.16215	-75.807	65.621
#2	.17311	10.25	.16227	-77.200	65.435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.6	87462.	6840.1	108.37	3727.1
Stddev	2.1	110.	21.1	1.06	5.0
%RSD	.05632	.12625	.30820	.97716	.13532

#1	3798.1	87384.	6855.0	109.11	3730.7
#2	3795.1	87540.	6825.2	107.62	3723.6

Sample Name: J5179-05 Acquired: 10/5/2018 17:55:11 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T1-GRAVEL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02836	-.14803	-.01163	-.05233	.00313	181.06	.32273
Stddev	.00439	.00221	.00134	.00550	.00130	.35	.00101
%RSD	15.486	1.4924	11.557	10.503	41.440	.19114	.31231

#1	-.02525	-.14959	-.01258	-.05622	.00221	180.82	.32344
#2	-.03146	-.14647	-.01068	-.04845	.00404	181.31	.32202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01079	.00599	96.228	.12462	.44970	2.0382	790.93
Stddev	.00010	.00000	.007	.00058	.00350	.0076	4.96
%RSD	.95287	.06729	.00701	.46508	.77841	.37063	.62725

#1	.01072	.00599	96.233	.12503	.44723	2.0436	787.43
#2	.01087	.00599	96.223	.12421	.45218	2.0329	794.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0209	123.51	.51980	.02531	4.7524	1.0777	2.5622
Stddev	.0070	.22	.00223	.00039	.0040	.0010	.0145
%RSD	.14013	.17831	.42844	1.5448	.08486	.09192	.56753

#1	5.0159	123.35	.51823	.02559	4.7496	1.0770	2.5519
#2	5.0259	123.66	.52138	.02503	4.7553	1.0784	2.5725

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2795	-.00225	.81895	2.0199	1.7314	-.01406	19.204
Stddev	.0133	.00002	.00575	.0069	.0550	.00054	.017
%RSD	1.0409	1.0736	.70181	.34384	3.1748	3.8119	.08917

#1	1.2889	-.00223	.81489	2.0150	1.7703	-.01368	19.191
#2	1.2701	-.00227	.82301	2.0248	1.6925	-.01443	19.216

Sample Name: J5179-05 Acquired: 10/5/2018 17:55:11 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: T1-GRAVEL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24089	10.89	.16652	F<.00000	78.737
Stddev	.00115	.03	.00029	1.0385	.002
%RSD	.47671	.2378	.17679	1.0347	.00243

#1	.24008	10.91	.16673	-101.10	78.736
#2	.24170	10.87	.16632	-99.630	78.739

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3898.4	89780.	7069.0	104.32	3565.9
Stddev	8.7	105.	12.9	.41	7.4
%RSD	.22406	.11692	.18261	.39355	.20795

#1	3892.3	89854.	7059.9	104.61	3560.6
#2	3904.6	89706.	7078.1	104.03	3571.1

Sample Name: J5195-01 Acquired: 10/5/2018 17:59:13 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02101	-.00286	.19003	-.00633	.00003	34.898	.37457
Stddev	.00071	.00074	.00032	.00026	.00102	.187	.00298
%RSD	3.3839	26.042	.16688	4.0533	3279.2	.53543	.79447

#1	.02051	-.00233	.19026	-.00614	-.00069	34.766	.37668
#2	.02151	-.00338	.18981	-.00651	.00075	35.030	.37247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	-.00136	12.747	.14135	.02882	.14152	87.524
Stddev	.00009	.00036	.079	.00105	.00011	.00141	1.946
%RSD	2.9901	26.548	.61774	.74328	.37449	.99806	2.2239

#1	.00282	-.00162	12.803	.14209	.02889	.14052	88.901
#2	.00294	-.00111	12.692	.14060	.02874	.14252	86.148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90151	10.886	.05917	-.00232	3.5955	.15326	.40800
Stddev	.00005	.061	.00084	.00077	.0005	.00087	.00956
%RSD	.00502	.55919	1.4144	33.120	.01342	.57076	2.3425

#1	.90154	10.929	.05858	-.00178	3.5959	.15388	.41476
#2	.90148	10.843	.05977	-.00286	3.5952	.15265	.40124

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6299	.00257	.01284	2.6123	2.2889	.01396	.67049
Stddev	.0222	.00034	.02583	.0003	.0188	.00082	.00174
%RSD	.84262	13.340	201.10	.01064	.82107	5.8613	.26020

#1	2.6142	.00281	.03111	2.6125	2.3022	.01339	.67172
#2	2.6455	.00233	-.00542	2.6121	2.2756	.01454	.66925

Sample Name: J5195-01 Acquired: 10/5/2018 17:59:13 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03957	1.746	.10892	F<.00000	21.195
Stddev	.00028	.002	.00024	.03518	.266
%RSD	.71206	.1199	.22250	.29755	1.2546

#1	.03977	1.748	.10909	-11.849	21.007
#2	.03937	1.745	.10875	-11.799	21.383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.4	75907.	5607.6	114.25	4358.0
Stddev	6.0	22.	18.9	2.90	9.3
%RSD	.17872	.02912	.33705	2.5417	.21259

#1	3372.1	75891.	5594.3	112.19	4351.5
#2	3380.7	75923.	5621.0	116.30	4364.6

Sample Name: J5195-01DUP Acquired: 10/5/2018 18:03:06 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02351	-.00225	.18889	-.00786	-.00099	34.488	.36072
Stddev	.00072	.00027	.00129	.00062	.00245	.108	.00035
%RSD	3.0762	11.917	.68233	7.8338	247.55	.31277	.09817

#1	.02402	-.00244	.18981	-.00830	.00074	34.412	.36047
#2	.02300	-.00206	.18798	-.00743	-.00272	34.564	.36097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	-.00130	12.516	.14151	.02892	.14124	86.949
Stddev	.00008	.00004	.057	.00001	.00027	.00052	.344
%RSD	2.7877	2.7018	.45363	.00746	.92904	.36639	.39550

#1	.00269	-.00133	12.476	.14151	.02911	.14088	87.192
#2	.00280	-.00128	12.556	.14152	.02873	.14161	86.706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91368	10.895	.05898	-.00170	3.5240	.15397	.40564
Stddev	.00016	.059	.00022	.00020	.0269	.00203	.00164
%RSD	.01757	.53736	.36884	11.778	.76264	1.3168	.40428

#1	.91380	10.854	.05883	-.00184	3.5050	.15541	.40680
#2	.91357	10.936	.05914	-.00156	3.5431	.15254	.40448

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6267	.00261	.00196	2.6037	2.3823	.01255	.65195
Stddev	.0184	.00000	.01829	.0045	.0411	.00058	.01029
%RSD	.70111	.17018	932.49	.17414	1.7273	4.6094	1.5782

#1	2.6137	.00261	.01490	2.6069	2.4114	.01215	.65923
#2	2.6397	.00262	-.01097	2.6004	2.3532	.01296	.64468

Sample Name: J5195-01DUP Acquired: 10/5/2018 18:03:06 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04022	1.727	.10642	F<.00000	21.821
Stddev	.00016	.003	.00021	.73736	.055
%RSD	.40935	.1925	.19833	6.1424	.25410

#1	.04010	1.730	.10627	-12.526	21.861
#2	.04034	1.725	.10657	-11.483	21.782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.3	75639.	5590.6	113.99	4356.3
Stddev	3.6	76.	6.5	.52	2.4
%RSD	.10789	.09998	.11676	.45733	.05478

#1	3366.8	75693.	5586.0	113.62	4354.6
#2	3361.7	75586.	5595.2	114.36	4358.0

Sample Name: J5195-01LX5 Acquired: 10/5/2018 18:07:00 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00652	-.00018	.03602	-.00218	-.00095	7.2336	.08012
Stddev	.00174	.00149	.00030	.00352	.00031	.0312	.00024
%RSD	26.658	820.05	.84661	161.19	33.186	.43141	.29938

#1	.00529	.00087	.03624	-.00467	-.00072	7.2556	.07995
#2	.00775	-.00123	.03581	.00030	-.00117	7.2115	.08029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00033	2.6993	.03119	.00567	.03057	17.460
Stddev	.00004	.00008	.0284	.00090	.00012	.00034	.167
%RSD	5.7864	24.609	1.0509	2.8914	2.1769	1.1227	.95376

#1	.00059	-.00039	2.6792	.03055	.00558	.03033	17.578
#2	.00064	-.00027	2.7193	.03182	.00575	.03081	17.342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19155	2.3123	.01362	-.00188	.70159	.03112	.08356
Stddev	.00015	.0306	.00098	.00026	.01223	.00047	.00027
%RSD	.07940	1.3228	7.1991	13.929	1.7436	1.5225	.31840

#1	.19144	2.2907	.01432	-.00170	.69294	.03079	.08375
#2	.19165	2.3339	.01293	-.00207	.71024	.03146	.08337

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48037	.00071	-.01534	.47150	.48957	.00083	.13876
Stddev	.01588	.00003	.00106	.00541	.00175	.00003	.00039
%RSD	3.3053	3.8843	6.9254	1.1467	.35690	3.9706	.28445

#1	.49160	.00069	-.01610	.46768	.49080	.00085	.13904
#2	.46914	.00073	-.01459	.47533	.48833	.00081	.13848

Sample Name: J5195-01LX5 Acquired: 10/5/2018 18:07:00 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.3408	.02292	F<.00000	8.2148
Stddev	.00114	.0017	.00011	.56887	.2147
%RSD	50.360	.5027	.49345	32.422	2.6130

#1	.00146	.3420	.02284	-1.3523	8.0630
#2	.00308	.3395	.02300	-2.1568	8.3666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.9	72523.	5219.0	113.86	4497.7
Stddev	7.2	151.	62.4	.25	.4
%RSD	.22178	.20753	1.1964	.21549	.00935

#1	3222.8	72416.	5263.1	113.68	4497.4
#2	3232.9	72629.	5174.8	114.03	4498.0

Sample Name: CCV07 Acquired: 10/5/2018 18:11:01 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13946 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8157	4.8061	4.8137	4.8893	4.8593	9.6788	10.082	.24450
Stddev	.0087	.0013	.0071	.0109	.0021	.0089	.030	.00023
%RSD	.18153	.02756	.14736	.22296	.04278	.09201	.29344	.09215
#1	4.8219	4.8052	4.8086	4.8970	4.8578	9.6725	10.062	.24466
#2	4.8095	4.8071	4.8187	4.8816	4.8607	9.6851	10.103	.24434
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4144	24.485	.95812	2.4034	1.2220	4.8048	2.4543	24.884
Stddev	.0021	.013	.00004	.0021	.0007	.0321	.0025	.009
%RSD	.08884	.05428	.00373	.08594	.06033	.66743	.10269	.03458
#1	2.4129	24.475	.95814	2.4019	1.2225	4.8275	2.4560	24.890
#2	2.4159	24.494	.95809	2.4048	1.2214	4.7821	2.4525	24.878
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4144	1.1730	24.722	2.4749	2.4592	25.466	4.8815	5.1212
Stddev	.0006	.0019	.038	.0000	.0054	.101	.0011	.0200
%RSD	.02442	.15908	.15375	.00029	.21984	.39656	.02245	.39013
#1	2.4139	1.1743	24.695	2.4749	2.4630	25.395	4.8823	5.1071
#2	2.4148	1.1717	24.749	2.4749	2.4554	25.538	4.8807	5.1353
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8009	4.9007	4.7822	4.8821	5.3966	4.988	4.9217	F 3.0368
Stddev	.0010	.0131	.0112	.0087	.0056	.024	.0131	.0337
%RSD	.02132	.26633	.23347	.17831	.10449	.4801	.26662	1.1110
#1	4.8002	4.8915	4.7743	4.8759	5.3926	5.004	4.9124	3.0130
#2	4.8017	4.9100	4.7901	4.8882	5.4006	4.971	4.9310	3.0607

Sample Name: CCV07 Acquired: 10/5/2018 18:11:01 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13946 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0665
Stddev	.3256
%RSD	10.616

#1	2.8363
#2	3.2967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.8	67698.	5049.5	108.42	4062.9
Stddev	6.5	89.	8.5	.25	3.0
%RSD	.21572	.13136	.16747	.23501	.07460

#1	3025.2	67761.	5055.5	108.24	4060.8
#2	3034.5	67635.	5043.5	108.60	4065.0

Sample Name: CCB07 Acquired: 10/5/2018 18:14:45 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13946 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	.00124	-.00105	.00135	-.00015	.00009	.00028
Stddev	.00356	.00130	.00016	.00165	.00057	.00229	.00105
%RSD	233.23	104.82	15.646	122.23	387.20	2592.4	377.32

#1	-.00404	.00032	-.00116	.00018	.00025	.00171	.00102
#2	.00099	.00215	-.00093	.00251	-.00055	-.00153	-.00046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00005	-.02292	-.00023	.00010	-.00052	.01109
Stddev	.00005	.00009	.00347	.00066	.00003	.00059	.00275
%RSD	155.11	186.30	15.161	285.10	24.434	112.56	24.779

#1	-.00006	.00011	-.02537	-.00070	.00009	-.00094	.01303
#2	.00000	-.00002	-.02046	.00024	.00012	-.00011	.00914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00350	.00106	-.00174	-.05968	-.00025	-.00018
Stddev	.00000	.01292	.00001	.00080	.01059	.00011	.00002
%RSD	.74915	369.48	.50892	45.664	17.751	45.970	12.995

#1	-.00006	.00564	.00106	-.00118	-.05219	-.00033	-.00020
#2	-.00006	-.01263	.00107	-.00231	-.06717	-.00017	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13401	.00032	-.00755	F -.04747	-.00553	-.00082	-.00036
Stddev	.00635	.00004	.00098	.00031	.00259	.00044	.00096
%RSD	4.7372	12.442	13.017	.64296	46.793	53.365	266.82

#1	-.13850	.00035	-.00686	-.04725	-.00370	-.00051	.00032
#2	-.12952	.00029	-.00825	-.04769	-.00736	-.00113	-.00104

Sample Name: CCB07 Acquired: 10/5/2018 18:14:45 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13946 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00499	-.0019	-.00010	F<.00000	F .73086
Stddev	.00030	.0013	.00005	.25955	.15869
%RSD	6.0832	69.82	49.702	24.215	21.713

#1	-.00478	-.0009	-.00007	-1.2554	.61865
#2	-.00521	-.0028	-.00014	-.88834	.84307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.6	71734.	5117.0	112.90	4527.1
Stddev	2.9	269.	87.6	.74	.7
%RSD	.09064	.37508	1.7128	.65621	.01491

#1	3171.6	71544.	5055.0	112.38	4526.6
#2	3167.6	71925.	5179.0	113.42	4527.6

Sample Name: J5195-01MS Acquired: 10/5/2018 18:18:50 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71174	1.8484	1.1209	1.7372	.70354	35.655	.55778
Stddev	.00309	.0048	.0008	.0109	.00312	.054	.00193
%RSD	.43385	.25988	.07518	.62637	.44331	.15068	.34520

#1	.71392	1.8450	1.1203	1.7448	.70574	35.617	.55642
#2	.70955	1.8518	1.1215	1.7295	.70133	35.693	.55914

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17813	.18339	13.432	.49423	.21854	.41346	89.312
Stddev	.00017	.00014	.057	.00037	.00007	.00390	2.479
%RSD	.09563	.07536	.42709	.07514	.03067	.94308	2.7761

#1	.17801	.18329	13.392	.49449	.21849	.41622	87.559
#2	.17826	.18349	13.473	.49396	.21859	.41070	91.065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0606	12.681	.53360	.05894	6.3221	.42754	.59294
Stddev	.0015	.020	.00097	.00023	.0241	.00060	.01558
%RSD	.14010	.15809	.18125	.38686	.38107	.14009	2.6282

#1	1.0617	12.695	.53292	.05878	6.3051	.42712	.58192
#2	1.0596	12.667	.53428	.05910	6.3391	.42797	.60396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.244	.37025	.29370	2.5785	3.1275	.66925	.84585
Stddev	.019	.00152	.01159	.0040	.0176	.00018	.00706
%RSD	.15826	.40975	3.9478	.15546	.56142	.02656	.83495

#1	12.258	.37132	.28550	2.5813	3.1399	.66912	.84085
#2	12.230	.36918	.30190	2.5756	3.1151	.66938	.85084

Sample Name: J5195-01MS Acquired: 10/5/2018 18:18:50 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24815	7.160	.28595	F<.00000	21.071
Stddev	.00172	.017	.00242	.38133	.189
%RSD	.69406	.2425	.84786	3.1473	.89883

#1	.24937	7.172	.28424	-11.846	20.937
#2	.24693	7.148	.28767	-12.386	21.205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.6	75836.	5586.2	112.91	4295.7
Stddev	11.4	140.	16.3	2.78	2.2
%RSD	.34227	.18472	.29127	2.4624	.05100

#1	3320.6	75736.	5597.7	114.88	4297.2
#2	3336.7	75935.	5574.7	110.94	4294.1

Sample Name: J5195-01MSD Acquired: 10/5/2018 18:22:35 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71038	1.8551	1.1195	1.7365	.70626	35.739	.56154
Stddev	.00000	.0037	.0015	.0115	.00048	.084	.00018
%RSD	.00033	.19860	.13551	.66053	.06735	.23501	.03150

#1	.71038	1.8577	1.1205	1.7446	.70592	35.798	.56142
#2	.71037	1.8525	1.1184	1.7284	.70660	35.679	.56167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17854	.18272	13.551	.49122	.21839	.41229	91.380
Stddev	.00037	.00006	.009	.00044	.00007	.00071	.149
%RSD	.20816	.03393	.06597	.08918	.03092	.17190	.16262

#1	.17828	.18276	13.545	.49153	.21844	.41279	91.485
#2	.17880	.18267	13.557	.49091	.21834	.41179	91.275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0584	12.671	.53277	.05973	6.3676	.42520	.60003
Stddev	.0010	.033	.00071	.00100	.0083	.00160	.00121
%RSD	.09302	.26393	.13302	1.6757	.13024	.37618	.20115

#1	1.0577	12.647	.53227	.05902	6.3735	.42407	.60088
#2	1.0591	12.694	.53327	.06044	6.3618	.42633	.59917

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.263	.36998	.29706	2.5878	3.1100	.67135	.85577
Stddev	.028	.00010	.00568	.0067	.0283	.00214	.00362
%RSD	.22962	.02700	1.9113	.26008	.91054	.31901	.42323

#1	12.243	.37005	.29305	2.5830	3.0900	.67287	.85320
#2	12.283	.36991	.30108	2.5926	3.1300	.66984	.85833

Sample Name: J5195-01MSD Acquired: 10/5/2018 18:22:35 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-100418 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24762	7.148	.28892	F<.00000	21.415
Stddev	.00246	.009	.00068	.32276	.268
%RSD	.99209	.1269	.23602	2.6442	1.2512

#1	.24936	7.155	.28940	-12.435	21.604
#2	.24589	7.142	.28844	-11.978	21.225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3333.4	75901.	5585.9	111.57	4300.6
Stddev	.3	67.	.8	.12	1.5
%RSD	.00864	.08858	.01496	.10514	.03473

#1	3333.2	75854.	5585.3	111.48	4299.6
#2	3333.6	75949.	5586.5	111.65	4301.7

Sample Name: J5195-01A Acquired: 10/5/2018 18:26:21 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7531 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70540	1.8451	1.1155	1.7299	.70243	35.637	.56287
Stddev	.00388	.0092	.0062	.0041	.00184	.120	.00910
%RSD	.54935	.49782	.55836	.23958	.26149	.33718	1.6166

#1	.70814	1.8516	1.1199	1.7270	.70114	35.552	.55643
#2	.70266	1.8386	1.1111	1.7328	.70373	35.722	.56930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17844	.18239	13.516	.49479	.21854	.41144	88.976
Stddev	.00002	.00043	.259	.00108	.00043	.00112	2.254
%RSD	.01302	.23726	1.9187	.21865	.19681	.27200	2.5336

#1	.17846	.18269	13.333	.49403	.21884	.41223	87.382
#2	.17843	.18208	13.699	.49556	.21824	.41065	90.570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0546	12.676	.53235	.05942	6.3635	.42497	.58257
Stddev	.0004	.150	.00034	.00008	.1055	.00024	.01356
%RSD	.03869	1.1861	.06444	.13758	1.6574	.05694	2.3283

#1	1.0543	12.570	.53259	.05936	6.2889	.42480	.57298
#2	1.0549	12.783	.53211	.05948	6.4381	.42514	.59216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.302	.36893	.28234	2.5762	3.1401	.67008	.85506
Stddev	.180	.00006	.01271	.0001	.0395	.00029	.01333
%RSD	1.4602	.01506	4.5002	.00284	1.2588	.04321	1.5593

#1	12.175	.36897	.27336	2.5762	3.1121	.66987	.84563
#2	12.429	.36889	.29133	2.5763	3.1680	.67028	.86448

Sample Name: J5195-01A Acquired: 10/5/2018 18:26:21 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7531 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24739	7.123	.28966	F<.00000	21.046
Stddev	.00129	.023	.00485	.49990	.356
%RSD	.52093	.3245	1.6737	3.7934	1.6898

#1	.24648	7.139	.28623	-13.532	20.795
#2	.24830	7.106	.29309	-12.825	21.297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.2	76425.	5609.6	114.71	4302.9
Stddev	4.7	42.	94.5	2.57	9.0
%RSD	.13962	.05488	1.6849	2.2371	.20881

#1	3335.9	76455.	5676.4	116.53	4296.6
#2	3342.5	76396.	5542.8	112.90	4309.3

Sample Name: J5205-01 Acquired: 10/5/2018 18:30:07 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-100418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04755	-.01022	.08969	-.03170	.00424	165.59	1.1500
Stddev	.00309	.00209	.00215	.00319	.00036	.16	.0016
%RSD	6.5065	20.479	2.3938	10.063	8.5438	.09504	.13613

#1	.04536	-.01171	.09120	-.02945	.00450	165.48	1.1489
#2	.04974	-.00874	.08817	-.03396	.00398	165.70	1.1512

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02542	-.00391	39.633	.15156	.19004	.35984	379.57
Stddev	.00033	.00130	.021	.00022	.00041	.00635	10.49
%RSD	1.3063	33.130	.05234	.14844	.21495	1.7639	2.7630

#1	.02519	-.00299	39.648	.15140	.19033	.36433	372.15
#2	.02566	-.00483	39.618	.15172	.18975	.35535	386.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.812	32.335	.21643	.00289	3.8804	.37379	.74640
Stddev	.041	.047	.00071	.00077	.0110	.00085	.01586
%RSD	.21814	.14546	.32778	26.428	.28206	.22799	2.1250

#1	18.841	32.302	.21693	.00235	3.8882	.37319	.73519
#2	18.783	32.369	.21593	.00344	3.8727	.37439	.75762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4889	.00625	.12535	1.7070	6.4647	.01177	1.5104
Stddev	.0164	.00013	.02901	.0005	.0101	.00057	.0161
%RSD	.21933	2.1145	23.145	.02845	.15592	4.8293	1.0655

#1	7.5005	.00635	.10484	1.7067	6.4575	.01218	1.5218
#2	7.4773	.00616	.14587	1.7074	6.4718	.01137	1.4991

Sample Name: J5205-01 Acquired: 10/5/2018 18:30:07 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-100418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13090	8.545	.18979	F<.00000	47.527
Stddev	.00185	.022	.00038	.04416	.659
%RSD	1.4097	.2615	.19840	.09465	1.3867

#1	.13221	8.561	.18952	-46.685	47.061
#2	.12960	8.529	.19005	-46.622	47.993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.5	76878.	5870.6	109.05	3938.9
Stddev	4.7	162.	22.5	2.54	5.5
%RSD	.13949	.21104	.38394	2.3248	.14051

#1	3396.9	76764.	5854.6	110.84	3942.8
#2	3390.2	76993.	5886.5	107.26	3935.0

Sample Name: J5255-02 Acquired: 10/5/2018 18:34:10 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRACK-D-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03377	-.02547	.41242	-.02570	.00122	98.560	.89255
Stddev	.00159	.00026	.00012	.00879	.00100	.728	.00148
%RSD	4.7100	1.0381	.03018	34.202	81.580	.73820	.16624

#1	.03490	-.02566	.41233	-.01949	.00193	98.046	.89150
#2	.03265	-.02528	.41251	-.03192	.00052	99.075	.89360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	-.00156	58.107	.58602	.12798	.77692	255.72
Stddev	.00007	.00002	.090	.00364	.00064	.00109	1.54
%RSD	1.0272	.97475	.15500	.62163	.49643	.13997	.60301

#1	.00675	-.00155	58.043	.58344	.12753	.77769	256.81
#2	.00685	-.00157	58.170	.58860	.12842	.77615	254.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4733	53.437	.24232	.00047	2.6980	.41137	.94522
Stddev	.0416	.056	.00006	.00063	.0120	.00040	.00819
%RSD	.75981	.10512	.02358	133.10	.44620	.09660	.86611

#1	5.4439	53.397	.24236	.00003	2.6895	.41109	.95101
#2	5.5027	53.476	.24228	.00092	2.7065	.41165	.93944

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.098	.18744	.05620	1.2588	4.9475	.02707	4.6522
Stddev	.059	.00040	.00206	.0013	.0387	.00036	.0314
%RSD	.32421	.21328	3.6641	.10517	.78152	1.3310	.67378

#1	18.056	.18772	.05474	1.2597	4.9202	.02681	4.6744
#2	18.139	.18715	.05765	1.2578	4.9749	.02732	4.6301

Sample Name: J5255-02 Acquired: 10/5/2018 18:34:10 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRACK-D-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13596	6.073	.19495	F<.00000	38.041
Stddev	.00022	.003	.00068	.16478	.156
%RSD	.16005	.0534	.34804	.54548	.40894

#1	.13611	6.075	.19447	-30.324	37.931
#2	.13580	6.070	.19543	-30.091	38.151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.5	76505.	5847.5	110.37	3978.3
Stddev	4.5	359.	2.6	.90	10.4
%RSD	.13272	.46945	.04472	.81150	.26183

#1	3361.4	76759.	5849.3	109.74	3985.7
#2	3367.7	76251.	5845.6	111.01	3970.9

Sample Name: J5255-05 Acquired: 10/5/2018 18:38:06 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRACK-D-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02564	-.02542	.28186	-.02271	.00249	100.84	.85099
Stddev	.00035	.00144	.00301	.00070	.00175	.32	.00129
%RSD	1.3529	5.6523	1.0669	3.0731	70.158	.32070	.15159

#1	.02540	-.02441	.27973	-.02320	.00373	100.61	.85191
#2	.02589	-.02644	.28398	-.02221	.00126	101.07	.85008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00667	-.00112	59.018	.27619	.10853	.57700	230.67
Stddev	.00011	.00035	.154	.00124	.00094	.00228	3.15
%RSD	1.6000	31.075	.26068	.44854	.86809	.39500	1.3643

#1	.00675	-.00136	59.126	.27532	.10786	.57539	232.89
#2	.00660	-.00087	58.909	.27707	.10919	.57862	228.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4970	60.639	.22418	-.00078	2.6087	.32322	1.0486
Stddev	.0017	.338	.00113	.00073	.0154	.00186	.0216
%RSD	.03757	.55683	.50330	94.294	.59082	.57532	2.0601

#1	4.4982	60.878	.22338	-.00026	2.6196	.32454	1.0638
#2	4.4958	60.400	.22498	-.00130	2.5978	.32191	1.0333

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.544	.02830	.04427	1.0880	5.3679	.01221	4.5095
Stddev	.096	.00031	.00951	.0009	.1120	.00142	.0099
%RSD	.44689	1.1065	21.471	.07949	2.0871	11.658	.22038

#1	21.612	.02853	.05099	1.0873	5.4472	.01322	4.5024
#2	21.475	.02808	.03755	1.0886	5.2887	.01120	4.5165

Sample Name: J5255-05 Acquired: 10/5/2018 18:38:06 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRACK-D-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14351	5.423	.19184	F<.00000	35.412
Stddev	.00093	.004	.00080	1.0050	.221
%RSD	.65093	.0714	.41600	3.7875	.62312

#1	.14285	5.421	.19241	-27.244	35.568
#2	.14417	5.426	.19128	-25.823	35.256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.8	75923.	5813.6	109.69	3985.8
Stddev	5.5	151.	52.2	2.09	1.0
%RSD	.16461	.19953	.89760	1.9070	.02585

#1	3366.8	75816.	5776.7	108.21	3986.5
#2	3374.7	76031.	5850.5	111.16	3985.1

Sample Name: J5263-01 Acquired: 10/5/2018 18:41:58 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID10-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06937	-.01077	.88222	-.03328	.00462	216.74	1.6209
Stddev	.00079	.00106	.00087	.00012	.00114	.37	.0059
%RSD	1.1372	9.7932	.09854	.35806	24.757	.16956	.36194

#1	.06993	-.01003	.88283	-.03320	.00381	217.00	1.6251
#2	.06882	-.01152	.88160	-.03337	.00543	216.48	1.6168

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01630	-.00075	86.151	.24112	.29177	.35786	536.94
Stddev	.00019	.00064	.046	.00140	.00114	.00367	6.23
%RSD	1.1585	85.338	.05375	.58173	.39220	1.0264	1.1603

#1	.01643	-.00120	86.119	.24013	.29258	.35526	541.34
#2	.01617	-.00030	86.184	.24212	.29096	.36046	532.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6065	80.403	.52337	.01119	1.7825	.33614	1.6659
Stddev	.0215	.044	.00041	.00091	.0095	.00018	.0222
%RSD	.22413	.05527	.07885	8.1477	.53201	.05253	1.3295

#1	9.6217	80.434	.52367	.01183	1.7892	.33627	1.6816
#2	9.5913	80.372	.52308	.01054	1.7758	.33602	1.6503

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.009	.00345	.22676	7.0656	3.7953	.04986	1.5511
Stddev	.096	.00006	.01835	.0059	.0246	.00064	.0090
%RSD	.45574	1.6631	8.0941	.08325	.64725	1.2818	.57891

#1	21.076	.00349	.23974	7.0698	3.8127	.05031	1.5574
#2	20.941	.00341	.21378	7.0615	3.7779	.04941	1.5447

Sample Name: J5263-01 Acquired: 10/5/2018 18:41:58 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID10-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40575	11.35	.43830	F<.00000	60.786
Stddev	.00148	.04	.00213	.96172	1.607
%RSD	.36505	.3515	.48652	1.4596	2.6433

#1	.40680	11.32	.43981	-65.211	59.650
#2	.40470	11.38	.43679	-66.571	61.922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3986.3	89300.	6980.8	108.19	3742.4
Stddev	2.1	256.	31.2	1.61	4.3
%RSD	.05179	.28613	.44662	1.4873	.11460

#1	3984.8	89119.	6958.7	107.05	3739.4
#2	3987.8	89480.	7002.8	109.32	3745.4

Sample Name: J5263-02 Acquired: 10/5/2018 18:46:01 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID11-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14530	-.00853	31.896	-.02886	.00411	135.45	13.473
Stddev	.00206	.00025	.104	.00198	.00026	.17	.114
%RSD	1.4170	2.9867	.32738	6.8455	6.3529	.12306	.84586

#1	.14675	-.00835	31.970	-.02747	.00430	135.33	13.554
#2	.14384	-.00871	31.822	-.03026	.00393	135.57	13.393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00951	.15279	787.07	.30612	.19340	.47722	311.02
Stddev	.00007	.00010	2.23	.00157	.00086	.00455	2.46
%RSD	.76111	.06229	.28309	.51392	.44628	.95406	.78944

#1	.00946	.15272	788.64	.30724	.19279	.47400	312.76
#2	.00957	.15286	785.49	.30501	.19401	.48044	309.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1169	95.812	.31889	.00011	3.3144	.36861	12.399
Stddev	.0275	.340	.00169	.00050	.0223	.00111	.098
%RSD	.38650	.35447	.52908	440.36	.67293	.30150	.79132

#1	7.1363	96.052	.32009	.00047	3.3302	.36782	12.468
#2	7.0974	95.572	.31770	-.00024	3.2986	.36939	12.329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.073	.00696	.11596	21.011	4.5499	.05018	1.1933
Stddev	.033	.00013	.00640	.061	.0005	.00046	.0164
%RSD	.23167	1.8173	5.5157	.28895	.01001	.91415	1.3785

#1	14.096	.00687	.12048	21.054	4.5496	.04985	1.2049
#2	14.050	.00705	.11143	20.968	4.5503	.05050	1.1816

Sample Name: J5263-02 Acquired: 10/5/2018 18:46:01 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID11-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30535	8.813	1.6753	F<.00000	48.450
Stddev	.00012	.001	.0112	.01972	.244
%RSD	.04042	.0152	.66777	.22013	.50314

#1	.30544	8.814	1.6833	-8.9736	48.278
#2	.30527	8.812	1.6674	-8.9457	48.622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.2	72589.	5943.5	104.97	3517.3
Stddev	4.0	113.	21.7	.76	8.3
%RSD	.12318	.15543	.36569	.72126	.23739

#1	3235.0	72509.	5928.2	104.43	3511.4
#2	3229.4	72669.	5958.9	105.50	3523.2

Sample Name: J5263-03 Acquired: 10/5/2018 18:50:08 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID12-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17125	-.00698	24.246	-.00916	.00455	117.08	9.5367	.00779
Stddev	.00097	.00205	.132	.00008	.00031	.14	.0079	.00001
%RSD	.56522	29.408	.54579	.92466	6.8697	.12285	.08324	.13451

#1	.17057	-.00553	24.340	-.00910	.00477	117.18	9.5423	.00779
#2	.17194	-.00843	24.153	-.00922	.00432	116.98	9.5311	.00780

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07564	1230.3	.25233	.10857	.26903	226.86	4.7667	76.499
Stddev	.00041	7.0	.00015	.00045	.00358	.09	.0028	.259
%RSD	.53568	.56610	.06020	.41461	1.3310	.04127	.05857	.33827

#1	.07536	1235.3	.25243	.10825	.26650	226.92	4.7647	76.316
#2	.07593	1225.4	.25222	.10889	.27156	226.79	4.7687	76.682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21479	-.00174	4.4437	.32853	11.430	13.651	.00475	.09346
Stddev	.00049	.00043	.0049	.00100	.002	.005	.00030	.00410
%RSD	.22828	24.927	.11080	.30470	.01886	.03553	6.2872	4.3862

#1	.21444	-.00205	4.4472	.32924	11.432	13.648	.00454	.09056
#2	.21514	-.00143	4.4402	.32783	11.429	13.655	.00496	.09636

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.454	5.4925	.04423	1.0648	.25615	7.936	2.2776	22.024
Stddev	.154	.0384	.00134	.0118	.00180	.002	.0040	.499
%RSD	.63094	.69818	3.0283	1.1093	.70247	.0255	.17613	2.2677

#1	24.563	5.5196	.04328	1.0564	.25488	7.934	2.2805	22.377
#2	24.345	5.4654	.04518	1.0731	.25742	7.937	2.2748	21.670

Sample Name: J5263-03 Acquired: 10/5/2018 18:50:08 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID12-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	42.073
Stddev	.264
%RSD	.62852

#1	42.260
#2	41.886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.8	69110.	5690.6	102.97	3425.1
Stddev	9.0	109.	9.4	.07	22.8
%RSD	.29243	.15708	.16443	.07090	.66585

#1	3063.5	69033.	5684.0	102.91	3409.0
#2	3076.2	69187.	5697.2	103.02	3441.2

Sample Name: J5263-04 Acquired: 10/5/2018 18:54:04 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID13-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14902	-.00547	7.3483	-.03020	.00327	156.29	3.3347
Stddev	.00256	.00065	.0193	.00025	.00152	.19	.0024
%RSD	1.7206	11.795	.26190	.81827	46.511	.12008	.07278

#1	.15084	-.00502	7.3619	-.03037	.00435	156.16	3.3364
#2	.14721	-.00593	7.3347	-.03002	.00220	156.43	3.3330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01355	.00920	350.46	.21248	.38333	.50513	401.96
Stddev	.00012	.00055	.48	.00254	.00100	.00365	6.37
%RSD	.85236	5.9463	.13834	1.1957	.26036	.72284	1.5855

#1	.01347	.00882	350.11	.21069	.38404	.50255	406.47
#2	.01363	.00959	350.80	.21428	.38263	.50771	397.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.451	86.913	.52685	.00290	1.9485	.32331	5.7767
Stddev	.019	.471	.00006	.00093	.0044	.00098	.0897
%RSD	.17953	.54219	.01154	32.252	.22679	.30204	1.5536

#1	10.438	86.580	.52681	.00356	1.9454	.32400	5.8401
#2	10.464	87.247	.52689	.00224	1.9517	.32262	5.7132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.229	.00751	.15781	10.921	2.6932	.07280	.99830
Stddev	.020	.00012	.01088	.044	.0476	.00010	.00099
%RSD	.13310	1.5623	6.8932	.40375	1.7664	.14347	.09966

#1	15.244	.00759	.16550	10.952	2.7269	.07273	.99759
#2	15.215	.00743	.15012	10.890	2.6596	.07288	.99900

Sample Name: J5263-04 Acquired: 10/5/2018 18:54:04 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID13-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34460	12.02	.92295	F<.00000	51.515
Stddev	.00214	.07	.00004	.30283	.063
%RSD	.61984	.5830	.00430	.75763	.12299

#1	.34309	12.07	.92292	-40.186	51.559
#2	.34611	11.97	.92298	-39.757	51.470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.6	79351.	6354.7	107.78	3695.7
Stddev	10.2	145.	1.3	1.78	10.2
%RSD	.29040	.18224	.02061	1.6511	.27655

#1	3498.4	79453.	6353.8	106.52	3688.4
#2	3512.8	79248.	6355.7	109.03	3702.9

Sample Name: CCV08 Acquired: 10/5/2018 18:58:06 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13947 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7205	4.7425	4.7424	4.7732	4.7714	9.4919	9.8881	.23994
Stddev	.0073	.0183	.0074	.0048	.0039	.0199	.0512	.00030
%RSD	.15518	.38637	.15608	.10080	.08167	.20976	.51815	.12382
#1	4.7257	4.7554	4.7476	4.7766	4.7687	9.4778	9.8518	.23973
#2	4.7153	4.7295	4.7371	4.7698	4.7742	9.5059	9.9243	.24015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3803	24.172	.94967	2.3663	1.1984	4.7584	2.4103	24.637
Stddev	.0027	.029	.00119	.0029	.0018	.0318	.0009	.171
%RSD	.11300	.11995	.12501	.12425	.15071	.66831	.03653	.69433
#1	2.3822	24.193	.94884	2.3684	1.1971	4.7809	2.4097	24.516
#2	2.3784	24.152	.95051	2.3642	1.1996	4.7359	2.4109	24.758
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3706	1.1549	24.561	2.4396	2.4186	25.130	4.7933	5.0119
Stddev	.0024	.0015	.160	.0029	.0225	.136	.0064	.0199
%RSD	.10051	.13288	.65019	.11829	.92997	.54095	.13309	.39782
#1	2.3723	1.1538	24.448	2.4417	2.4345	25.034	4.7888	5.0260
#2	2.3689	1.1560	24.674	2.4376	2.4027	25.226	4.7978	4.9978
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6989	4.8989	4.7158	4.8124	5.3440	4.895	4.8255	F 2.7381
Stddev	.0094	.0076	.0113	.0070	.0296	.012	.0284	.5812
%RSD	.19915	.15509	.23848	.14591	.55423	.2467	.58841	21.226
#1	4.7055	4.9042	4.7238	4.8174	5.3231	4.903	4.8054	2.3271
#2	4.6923	4.8935	4.7079	4.8075	5.3650	4.886	4.8456	3.1491

Sample Name: CCV08 Acquired: 10/5/2018 18:58:06 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13947 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8561
Stddev .2039
%RSD 7.1402

#1 2.7119
#2 3.0003

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.6	69184.	5152.4	110.81	4135.6
Stddev	11.8	154.	10.1	1.33	21.6
%RSD	.38082	.22230	.19519	1.1972	.52208

#1	3079.3	69293.	5159.5	109.88	4120.3
#2	3095.9	69076.	5145.3	111.75	4150.8

Sample Name: CCB08 Acquired: 10/5/2018 19:01:50 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13947 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00268	.00084	-.00076	-.00110	.00533	-.00027
Stddev	.00148	.00109	.00028	.00122	.00113	.00039	.00115
%RSD	214.34	40.651	32.980	161.11	102.48	7.2685	424.61

#1	-.00036	.00345	.00065	.00011	-.00190	.00560	.00054
#2	.00173	.00191	.00104	-.00162	-.00030	.00505	-.00108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00002	-.00437	-.00056	.00009	-.00062	.01307
Stddev	.00006	.00004	.02273	.00055	.00009	.00049	.00466
%RSD	74.724	175.69	520.72	99.231	95.868	78.134	35.657

#1	-.00004	.00001	-.02044	-.00017	.00015	-.00096	.01636
#2	-.00012	-.00005	.01171	-.00095	.00003	-.00028	.00977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.02570	.00090	-.00174	-.07179	.00020	.00029
Stddev	.00002	.00433	.00064	.00048	.00024	.00048	.00011
%RSD	10.119	16.836	71.302	27.403	.33098	247.74	37.707

#1	.00017	-.02876	.00044	-.00208	-.07163	-.00015	.00037
#2	.00020	-.02264	.00135	-.00141	-.07196	.00054	.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10134	.00051	-.00125	F -.04935	-.00224	-.00163	.00076
Stddev	.02393	.00025	.00107	.00192	.00307	.00021	.00195
%RSD	23.619	48.590	86.195	3.8931	137.04	12.853	255.88

#1	-.08441	.00068	-.00201	-.05071	-.00441	-.00148	.00214
#2	-.11826	.00033	-.00049	-.04800	-.00007	-.00178	-.00062

Sample Name: CCB08 Acquired: 10/5/2018 19:01:50 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13947 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00395	-0.0023	.00011	F<.00000	F .81750
Stddev	.00101	.0002	.00003	.01946	.24012
%RSD	25.537	7.095	26.204	.89245	29.373

#1	-0.00324	-0.0024	.00014	-2.1942	.64771
#2	-0.00466	-0.0021	.00009	-2.1667	.98729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.2	72833.	5220.3	115.41	4621.0
Stddev	18.5	108.	3.5	1.73	15.3
%RSD	.57161	.14799	.06637	1.4950	.33102

#1	3220.1	72909.	5222.8	114.19	4610.2
#2	3246.3	72756.	5217.9	116.63	4631.9

Sample Name: J5263-05 Acquired: 10/5/2018 19:05:54 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID14-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23898	-.00907	.58520	-.03997	.00490	210.00	1.5164
Stddev	.00058	.00005	.00358	.00068	.00033	.38	.0074
%RSD	.24075	.52730	.61191	1.7030	6.8253	.17875	.48999

#1	.23938	-.00903	.58267	-.03949	.00514	209.73	1.5111
#2	.23857	-.00910	.58773	-.04045	.00466	210.26	1.5216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01663	-.00071	60.001	.21968	.37520	.59336	569.28
Stddev	.00004	.00082	.340	.00113	.00178	.00796	7.21
%RSD	.26682	115.11	.56720	.51423	.47331	1.3409	1.2666

#1	.01666	-.00129	59.760	.21889	.37395	.58774	574.38
#2	.01660	-.00013	60.242	.22048	.37646	.59899	564.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.041	77.241	.55944	.01181	.70604	.35289	1.8281
Stddev	.033	.358	.00183	.00115	.00662	.00242	.0294
%RSD	.20316	.46313	.32650	9.7735	.93700	.68638	1.6081

#1	16.064	76.988	.55815	.01263	.71071	.35117	1.8489
#2	16.018	77.494	.56073	.01099	.70136	.35460	1.8073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.958	.00918	.22602	2.7114	4.1919	.02803	1.1171
Stddev	.060	.00003	.01352	.0052	.0367	.00050	.0055
%RSD	.33282	.36479	5.9836	.19036	.87590	1.7764	.49522

#1	17.916	.00920	.23558	2.7077	4.2179	.02838	1.1131
#2	18.000	.00916	.21645	2.7150	4.1659	.02768	1.1210

Sample Name: J5263-05 Acquired: 10/5/2018 19:05:54 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID14-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45365	9.613	.38619	F<.00000	64.904
Stddev	.00061	.026	.00142	.08061	.365
%RSD	.13374	.2729	.36812	.10937	.56196

#1	.45322	9.595	.38519	-73.646	64.646
#2	.45408	9.632	.38720	-73.760	65.162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3909.0	88656.	6826.7	109.34	3776.5
Stddev	1.2	72.	3.5	1.71	3.6
%RSD	.02947	.08112	.05154	1.5632	.09445

#1	3909.8	88707.	6829.2	108.13	3774.0
#2	3908.2	88605.	6824.3	110.54	3779.0

Sample Name: J5263-06 Acquired: 10/5/2018 19:09:56 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID15-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09979	-.01166	2.4521	-.03251	.00213	206.16	1.9981
Stddev	.00263	.00204	.0082	.00053	.00037	.16	.0092
%RSD	2.6348	17.521	.33407	1.6259	17.183	.07979	.45770

#1	.10165	-.01022	2.4463	-.03289	.00187	206.04	1.9917
#2	.09793	-.01311	2.4579	-.03214	.00239	206.28	2.0046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01677	.00360	181.13	.23271	.35060	.52597	535.77
Stddev	.00003	.00175	1.31	.00028	.00060	.00567	12.43
%RSD	.15325	48.709	.72125	.12155	.17099	1.0783	2.3194

#1	.01679	.00236	180.21	.23251	.35017	.52196	544.55
#2	.01675	.00484	182.06	.23291	.35102	.52999	526.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9420	91.412	.59659	.00890	1.8742	.35114	2.5988
Stddev	.0368	.637	.00219	.00234	.0005	.00257	.0573
%RSD	.37030	.69685	.36702	26.268	.02617	.73307	2.2059

#1	9.9160	90.961	.59504	.01056	1.8746	.34932	2.6393
#2	9.9680	91.862	.59814	.00725	1.8739	.35296	2.5582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.517	.00513	.21339	10.922	5.7526	.07995	1.4892
Stddev	.147	.00008	.00291	.008	.0147	.00065	.0024
%RSD	.68412	1.4919	1.3642	.07136	.25467	.81291	.16180

#1	21.413	.00518	.21545	10.928	5.7423	.08041	1.4909
#2	21.621	.00507	.21133	10.917	5.7630	.07949	1.4875

Sample Name: J5263-06 Acquired: 10/5/2018 19:09:56 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID15-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43161	13.61	.70065	F<.00000	63.325
Stddev	.00013	.01	.00402	.22327	.767
%RSD	.02983	.0931	.57305	.33650	1.2107

#1	.43170	13.60	.69782	-66.510	62.783
#2	.43152	13.62	.70349	-66.194	63.867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.8	86528.	6753.1	108.36	3686.1
Stddev	14.2	120.	36.5	2.73	4.6
%RSD	.37263	.13829	.53995	2.5159	.12496

#1	3791.8	86443.	6778.8	106.43	3682.9
#2	3811.9	86613.	6727.3	110.28	3689.4

Sample Name: J5263-07 Acquired: 10/5/2018 19:13:57 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID16-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08289	-.01221	.78043	-.03178	.00404	194.78	1.5810
Stddev	.00104	.00389	.00098	.00023	.00040	.03	.0069
%RSD	1.2510	31.879	.12538	.73195	9.9065	.01478	.43833

#1	.08362	-.00946	.78112	-.03194	.00376	194.80	1.5859
#2	.08216	-.01496	.77974	-.03161	.00432	194.76	1.5761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01549	-.00158	50.068	.22072	.28656	.37401	527.58
Stddev	.00020	.00000	.250	.00009	.00141	.00006	1.74
%RSD	1.2698	.19134	.49941	.04206	.49082	.01716	.33039

#1	.01563	-.00158	50.245	.22066	.28557	.37396	526.35
#2	.01535	-.00158	49.891	.22079	.28756	.37405	528.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6861	73.526	.55224	.01203	1.1679	.33094	1.6237
Stddev	.0380	.303	.00295	.00083	.0148	.00306	.0027
%RSD	.49413	.41204	.53360	6.9013	1.2703	.92360	.16436

#1	7.7130	73.741	.55016	.01144	1.1784	.33311	1.6219
#2	7.6593	73.312	.55432	.01261	1.1574	.32878	1.6256

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.670	.00440	.22498	2.5345	5.1177	.04734	1.4354
Stddev	.060	.00001	.02208	.0053	.0052	.00124	.0012
%RSD	.29246	.33056	9.8120	.21043	.10211	2.6276	.08497

#1	20.713	.00439	.24059	2.5307	5.1214	.04646	1.4363
#2	20.628	.00441	.20937	2.5383	5.1140	.04822	1.4345

Sample Name: J5263-07 Acquired: 10/5/2018 19:13:57 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID16-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40232	11.94	.30538	F<.00000	62.029
Stddev	.00071	.01	.00108	.50583	.252
%RSD	.17732	.1231	.35322	.71426	.40671

#1	.40181	11.93	.30614	-71.176	62.208
#2	.40282	11.95	.30461	-70.461	61.851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.6	91515.	7056.7	109.59	3825.4
Stddev	.7	227.	40.1	.21	6.4
%RSD	.01640	.24773	.56885	.19034	.16619

#1	4055.1	91355.	7028.4	109.74	3829.9
#2	4054.2	91676.	7085.1	109.44	3820.9

Sample Name: J5263-08 Acquired: 10/5/2018 19:17:59 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID17-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15852	-.00341	2.8734	-.03018	.00429	160.73	1.7752
Stddev	.00459	.00179	.0068	.00123	.00035	.80	.0010
%RSD	2.8932	52.539	.23593	4.0782	8.0782	.49916	.05704

#1	.16176	-.00214	2.8782	-.02931	.00453	161.30	1.7745
#2	.15528	-.00467	2.8686	-.03106	.00404	160.17	1.7759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01277	.00131	155.42	.21793	.24690	.57401	471.58
Stddev	.00025	.00022	.52	.00022	.00188	.00218	1.09
%RSD	1.9324	16.852	.33155	.10255	.76243	.37949	.23196

#1	.01259	.00147	155.06	.21809	.24823	.57555	472.35
#2	.01294	.00116	155.79	.21777	.24557	.57247	470.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6342	94.097	.46426	.00660	1.4759	.29924	2.7204
Stddev	.0196	.041	.00296	.00071	.0015	.00008	.0019
%RSD	.22646	.04351	.63729	10.835	.10259	.02711	.06813

#1	8.6204	94.126	.46635	.00710	1.4748	.29918	2.7190
#2	8.6480	94.068	.46217	.00609	1.4770	.29930	2.7217

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.590	.01387	.16817	28.715	4.6431	.08247	.67178
Stddev	.007	.00009	.00481	.113	.0253	.00142	.00741
%RSD	.04334	.63583	2.8602	.39465	.54378	1.7191	1.1034

#1	15.595	.01393	.17157	28.795	4.6252	.08348	.66654
#2	15.586	.01380	.16476	28.635	4.6609	.08147	.67702

Sample Name: J5263-08 Acquired: 10/5/2018 19:17:59 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID17-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38726	9.218	.63183	F<.00000	57.445
Stddev	.00011	.053	.00214	.76714	.661
%RSD	.02885	.5702	.33928	1.3453	1.1515

#1	.38718	9.255	.63031	-57.566	56.977
#2	.38734	9.181	.63334	-56.481	57.913

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.3	84466.	6545.5	108.73	3781.6
Stddev	8.7	68.	45.7	.11	14.7
%RSD	.23415	.08078	.69883	.09861	.38954

#1	3725.1	84514.	6577.9	108.65	3771.2
#2	3737.5	84418.	6513.2	108.80	3792.0

Sample Name: J5263-09 Acquired: 10/5/2018 19:22:02 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID18-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28795	-.00480	.36902	-.04121	.00190	192.99	1.2842
Stddev	.00321	.00271	.00186	.00430	.00011	.35	.0039
%RSD	1.1139	56.431	.50483	10.430	5.9967	.17969	.30378

#1	.29021	-.00672	.37034	-.03817	.00198	193.24	1.2815
#2	.28568	-.00289	.36770	-.04425	.00182	192.75	1.2870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01409	-.00100	209.98	.22706	.18497	.38055	465.17
Stddev	.00000	.00038	.66	.00069	.00045	.00149	.06
%RSD	.02478	38.103	.31640	.30469	.24460	.39029	.01372

#1	.01409	-.00127	209.51	.22755	.18529	.37950	465.12
#2	.01410	-.00073	210.45	.22657	.18465	.38160	465.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5089	83.157	.45607	.00701	.93830	.30712	1.3655
Stddev	.0281	.436	.00082	.00046	.00809	.00083	.0024
%RSD	.33071	.52390	.18052	6.6055	.86174	.27141	.17915

#1	8.5288	82.849	.45666	.00734	.94402	.30653	1.3673
#2	8.4890	83.465	.45549	.00668	.93258	.30770	1.3638

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.185	.00268	.15151	1.8567	4.6226	.01878	.79420
Stddev	.034	.00011	.00423	.0075	.0442	.00101	.00167
%RSD	.18598	4.0653	2.7938	.40388	.95575	5.3766	.20992

#1	18.161	.00260	.15450	1.8620	4.5914	.01949	.79302
#2	18.209	.00276	.14851	1.8514	4.6539	.01807	.79538

Sample Name: J5263-09 Acquired: 10/5/2018 19:22:02 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID18-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42760	8.757	.55153	F<.00000	56.777
Stddev	.00275	.003	.00157	.93639	.857
%RSD	.64350	.0350	.28468	1.7659	1.5089

#1	.42566	8.759	.55042	-52.364	56.171
#2	.42955	8.755	.55264	-53.688	57.383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.9	83199.	6406.4	106.54	3721.9
Stddev	4.8	348.	2.5	.37	6.2
%RSD	.13025	.41795	.03964	.34314	.16632

#1	3667.5	82953.	6404.6	106.28	3717.6
#2	3674.3	83445.	6408.2	106.80	3726.3

Sample Name: J5263-10 Acquired: 10/5/2018 19:26:05 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID19-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08230	-.00440	.17854	-.03402	.00266	187.11	1.3492
Stddev	.00231	.00537	.00030	.00407	.00142	.44	.0003
%RSD	2.8046	121.96	.16635	11.960	53.356	.23584	.02114

#1	.08067	-.00061	.17875	-.03689	.00366	186.80	1.3494
#2	.08393	-.00820	.17833	-.03114	.00166	187.42	1.3490

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01429	-.00391	61.420	.21522	.24541	.32515	504.14
Stddev	.00007	.00074	.187	.00053	.00138	.00315	3.29
%RSD	.49621	18.940	.30488	.24772	.56423	.96929	.65243

#1	.01424	-.00444	61.288	.21560	.24443	.32293	506.46
#2	.01434	-.00339	61.552	.21485	.24639	.32738	501.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8682	75.738	.48512	.01100	1.3168	.30489	1.2732
Stddev	.0388	.032	.00120	.00008	.0017	.00011	.0032
%RSD	.43759	.04268	.24754	.68828	.12844	.03620	.25083

#1	8.8408	75.761	.48427	.01105	1.3156	.30497	1.2755
#2	8.8956	75.715	.48597	.01094	1.3180	.30481	1.2709

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.363	.00492	.20048	3.6045	3.3068	.01468	1.0124
Stddev	.109	.00026	.00894	.0061	.0195	.00034	.0036
%RSD	.59412	5.3503	4.4569	.17025	.59025	2.3264	.35747

#1	18.286	.00510	.20680	3.6001	3.3206	.01444	1.0098
#2	18.440	.00473	.19416	3.6088	3.2930	.01492	1.0149

Sample Name: J5263-10 Acquired: 10/5/2018 19:26:05 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID19-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39350	9.080	.25022	F<.00000	59.920
Stddev	.00095	.038	.00039	1.1757	.204
%RSD	.24108	.4181	.15785	1.7751	.34100

#1	.39283	9.053	.24994	-67.065	60.065
#2	.39417	9.107	.25050	-65.403	59.776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.1	89544.	6826.6	107.58	3836.9
Stddev	3.5	316.	21.6	.41	2.0
%RSD	.08943	.35315	.31587	.37857	.05168

#1	3958.6	89768.	6841.9	107.29	3835.5
#2	3963.6	89320.	6811.4	107.87	3838.3

Sample Name: J5264-02 Acquired: 10/5/2018 19:30:08 Type: Unk
Method: P4-ICP2(v2481) 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	.00471	.00188	-.00063	.00045	-.00281	.00279	.01573	.00007
Stddev	.00123	.00033	.00040	.00275	.00004	.00286	.00076	.00001
%RSD	26.077	17.318	63.662	608.34	1.2679	102.53	4.8254	18.558

#1	.00384	.00211	-.00092	.00240	-.00279	.00481	.01626	.00007
#2	.00558	.00165	-.00035	-.00149	-.00284	.00077	.01519	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	37.665	-.00123	-.00020	.00079	.00450	.00362	61.167
Stddev	.00024	.067	.00014	.00002	.00013	.00016	.00001	.236
%RSD	191.75	.17784	11.280	8.8413	16.678	3.5085	.21110	.38524

#1	-.00029	37.712	-.00133	-.00019	.00088	.00439	.00361	61.334
#2	.00004	37.617	-.00113	-.00021	.00070	.00461	.00362	61.001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00198	474.91	.00080	.00033	19.710	.00075	.19502
Stddev	.00019	.00036	1.48	.00029	.00007	.142	.00004	.00244
%RSD	39.212	18.302	.31131	36.721	20.796	.72261	4.9426	1.2504

#1	-.00061	-.00172	475.95	.00101	.00038	19.811	.00078	.19329
#2	-.00035	-.00223	473.86	.00059	.00028	19.609	.00072	.19674

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.542	.84433	-.01712	-.00026	-.00166	.0610	.41086	3.9366
Stddev	1.085	.00127	.00022	.00259	.00138	.0028	.00058	.0677
%RSD	2.5505	.15076	1.2706	980.72	83.253	4.581	.14173	1.7191

#1	43.309	.84523	-.01697	-.00209	-.00263	.0630	.41127	3.9845
#2	41.775	.84343	-.01727	.00157	-.00068	.0590	.41045	3.8888

Sample Name: J5264-02 Acquired: 10/5/2018 19:30:08 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3767
Stddev .0147
%RSD .61681

#1 2.3871
#2 2.3663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.0	67566.	5193.1	115.54	4063.3
Stddev	59.0	123.	27.1	.17	78.9
%RSD	1.9337	.18269	.52191	.15007	1.9406

#1	3007.3	67653.	5173.9	115.66	4007.5
#2	3090.6	67478.	5212.3	115.42	4119.0

Sample Name: J5264-03 Acquired: 10/5/2018 19:34:17 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	.00151	-.00113	.00149	-.00318	.00448	.01820	.00007
Stddev	.00304	.00013	.00041	.00367	.00008	.00433	.00409	.00006
%RSD	101.58	8.5937	36.708	246.40	2.5080	96.620	22.453	98.191

#1	.00084	.00141	-.00083	-.00111	-.00323	.00755	.02109	.00011
#2	.00514	.00160	-.00142	.00408	-.00312	.00142	.01531	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	38.169	-.00032	-.00012	.00092	-.00060	.00274	57.706
Stddev	.00000	3.745	.00022	.00012	.00013	.00187	.00043	5.924
%RSD	6.5066	9.8128	67.181	95.192	14.570	310.30	15.853	10.266

#1	-.00005	40.817	-.00017	-.00004	.00083	.00072	.00304	61.894
#2	-.00005	35.521	-.00048	-.00020	.00102	-.00193	.00243	53.517

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00185	437.02	.00106	.00013	18.473	.00056	.18659
Stddev	.00021	.00037	30.77	.00068	.00005	1.769	.00018	.01433
%RSD	99.894	20.050	7.0409	64.450	39.683	9.5745	31.804	7.6819

#1	-.00036	-.00211	458.78	.00155	.00017	19.724	.00069	.19672
#2	-.00006	-.00159	415.26	.00058	.00010	17.223	.00043	.17645

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.703	.88955	-.01509	-.00049	-.00228	.0564	.39387	5.8178
Stddev	.252	.09734	.00070	.00062	.00097	.0007	.04229	3.1451
%RSD	.68571	10.943	4.6624	127.58	42.579	1.284	10.737	54.060

#1	36.881	.95838	-.01459	-.00005	-.00159	.0569	.42377	8.0418
#2	36.525	.82072	-.01559	-.00092	-.00296	.0558	.36397	3.5939

Sample Name: J5264-03 Acquired: 10/5/2018 19:34:17 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6157
Stddev .2419
%RSD 9.2489

#1 2.7868
#2 2.4447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.7	60667.	4949.4	110.02	4180.1
Stddev	17.5	7935.	437.1	11.65	20.1
%RSD	.55875	13.080	8.8306	10.587	.47975

#1	3113.3	55056.	4640.3	101.79	4165.9
#2	3138.0	66278.	5258.4	118.26	4194.3

Sample Name: J5264-04 Acquired: 10/5/2018 19:38:25 Type: Unk
Method: P4-ICP2(v2481) 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	.00405	-.00079	-.00005	.00265	-.00327	-.00195	.01772	.00005
Stddev	.00145	.00127	.00009	.00414	.00002	.00063	.00009	.00003
%RSD	35.768	160.15	185.52	156.29	.54006	32.153	.49610	67.960

#1	.00302	.00010	-.00012	-.00028	-.00328	-.00151	.01778	.00007
#2	.00507	-.00169	.00002	.00557	-.00326	-.00240	.01766	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	37.873	-.00100	-.00025	.00136	.00294	.00269	61.670
Stddev	.00004	.346	.00100	.00023	.00025	.00808	.00004	.214
%RSD	68.748	.91445	100.55	91.414	18.459	275.36	1.3006	.34629

#1	-.00003	38.118	-.00029	-.00009	.00118	-.00278	.00272	61.821
#2	-.00009	37.628	-.00171	-.00041	.00154	.00865	.00267	61.519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00182	477.22	.00094	.00020	20.263	.00069	.21649
Stddev	.00054	.00046	2.00	.00007	.00003	.107	.00009	.00173
%RSD	224.74	25.105	.41843	7.4754	14.849	.52796	12.679	.80102

#1	.00014	-.00150	478.63	.00099	.00018	20.188	.00062	.21527
#2	-.00062	-.00214	475.81	.00089	.00022	20.339	.00075	.21772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.999	.84600	-.01718	-.00140	-.00196	.0648	.41394	3.2004
Stddev	.283	.00120	.00006	.00048	.00058	.0012	.00022	.2225
%RSD	.65737	.14199	.34969	34.558	29.740	1.918	.05279	6.9532

#1	43.199	.84685	-.01722	-.00105	-.00155	.0640	.41378	3.0431
#2	42.800	.84515	-.01713	-.00174	-.00238	.0657	.41409	3.3578

Sample Name: J5264-04 Acquired: 10/5/2018 19:38:25 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0683
 Stddev .1083
 %RSD 3.5293

#1 2.9917
 #2 3.1449

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.4	67399.	5190.5	115.24	4107.8
Stddev	8.0	110.	.5	1.92	10.4
%RSD	.25854	.16246	.00970	1.6644	.25431

#1	3080.8	67476.	5190.9	116.60	4100.4
#2	3092.0	67321.	5190.2	113.88	4115.2

Sample Name: J5264-05 Acquired: 10/5/2018 19:42:32 Type: Unk
Method: P4-ICP2(v2481) 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	.00279	.00089	-.00105	.00135	-.00254	.00885	.01734	.00004
Stddev	.00142	.00252	.00031	.00272	.00112	.00697	.00009	.00001
%RSD	50.913	284.37	29.803	201.25	44.024	78.754	.51576	35.659

#1	.00380	-.00090	-.00127	.00327	-.00175	.00392	.01727	.00004
#2	.00179	.00267	-.00083	-.00057	-.00332	.01377	.01740	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	36.082	-.00028	-.00006	.00096	.00401	.00181	56.305
Stddev	.00012	.299	.00030	.00015	.00045	.00140	.00002	.512
%RSD	115.87	.82844	107.39	229.69	46.751	35.051	.86185	.90889

#1	-.00002	35.870	-.00049	-.00017	.00064	.00301	.00182	55.943
#2	-.00018	36.293	-.00007	.00004	.00128	.00500	.00180	56.666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00189	437.83	.00038	.00014	18.621	.00051	.20400
Stddev	.00014	.00008	3.46	.00060	.00009	.140	.00009	.01188
%RSD	34.150	4.4873	.79095	158.43	62.092	.75128	17.039	5.8218

#1	-.00030	-.00195	435.38	.00080	.00008	18.522	.00057	.19560
#2	-.00049	-.00183	440.28	-.00005	.00020	18.720	.00044	.21240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.548	.82570	-.01537	.00044	-.00360	.0577	.38574	4.2835
Stddev	.070	.00410	.00049	.00155	.00013	.0015	.00370	.1970
%RSD	.18284	.49673	3.1590	353.10	3.5655	2.636	.95901	4.5993

#1	38.598	.82280	-.01571	.00154	-.00351	.0587	.38313	4.4228
#2	38.498	.82860	-.01503	-.00066	-.00370	.0566	.38836	4.1442

Sample Name: J5264-05 Acquired: 10/5/2018 19:42:32 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1845
Stddev .3096
%RSD 14.171

#1 2.4034
#2 1.9656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.0	68452.	5189.3	115.61	4193.0
Stddev	18.4	.	46.5	1.20	4.2
%RSD	.58538	.00017	.89592	1.0409	.09985

#1	3130.0	68452.	5222.2	114.76	4190.0
#2	3156.1	68452.	5156.4	116.46	4195.9

Sample Name: CCV09 Acquired: 10/5/2018 19:46:40 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7531 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6982	4.6808	4.7018	4.7773	4.7319	9.2433	9.8957	.23796
Stddev	.0010	.0141	.0085	.0050	.0031	.0938	.0149	.00019
%RSD	.02100	.30113	.18084	.10504	.06613	1.0150	.15100	.07802
#1	4.6975	4.6708	4.6958	4.7737	4.7341	9.3097	9.8852	.23809
#2	4.6989	4.6908	4.7078	4.7808	4.7297	9.1770	9.9063	.23783
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3544	23.977	.94009	2.3440	1.1864	4.7536	2.3855	24.544
Stddev	.0031	.050	.00127	.0044	.0002	.0413	.0028	.199
%RSD	.13117	.20942	.13512	.18732	.01626	.86810	.11874	.80993
#1	2.3522	24.013	.93919	2.3409	1.1863	4.7245	2.3875	24.404
#2	2.3566	23.942	.94099	2.3471	1.1866	4.7828	2.3835	24.685
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3551	1.1418	24.028	2.4260	2.4414	25.464	4.7675	5.0152
Stddev	.0017	.0011	.138	.0012	.0394	.152	.0026	.0053
%RSD	.06995	.09777	.57242	.04857	1.6119	.59800	.05395	.10486
#1	2.3539	1.1410	23.931	2.4268	2.4136	25.356	4.7657	5.0190
#2	2.3562	1.1426	24.125	2.4251	2.4692	25.571	4.7693	5.0115
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7304	4.9545	4.6751	4.7710	5.3776	4.855	4.8025	F 1.8447
Stddev	.0072	.0270	.0058	.0085	.0045	.033	.0123	.4470
%RSD	.15302	.54430	.12421	.17774	.08400	.6714	.25541	24.231
#1	4.7253	4.9354	4.6793	4.7770	5.3744	4.832	4.7938	1.5286
#2	4.7355	4.9736	4.6710	4.7650	5.3808	4.878	4.8112	2.1607

Sample Name: CCV09 Acquired: 10/5/2018 19:46:40 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7531 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1448
Stddev .1351
%RSD 4.2949

#1 3.0493
#2 3.2404

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.0	69647.	5096.4	109.30	4173.6
Stddev	2.8	193.	11.5	1.69	1.4
%RSD	.08877	.27700	.22633	1.5463	.03393

#1	3112.0	69511.	5104.6	110.50	4174.6
#2	3116.0	69783.	5088.3	108.11	4172.6

Sample Name: CCB09 Acquired: 10/5/2018 19:50:25 Type: Unk
Method: P4-ICP2(v2481) 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	-.00246	.00126	.00064	-.00133	-.00068	-.00120	.00057
Stddev	.00003	.00061	.00008	.00061	.00102	.00192	.00070
%RSD	1.3063	48.342	13.172	46.002	149.07	160.18	123.47

#1	-.00249	.00168	.00070	-.00090	.00004	.00016	.00106
#2	-.00244	.00083	.00058	-.00176	-.00140	-.00255	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00003	-.01743	-.00047	.00007	-.00029	.01072
Stddev	.00000	.00006	.00502	.00047	.00018	.00003	.00086
%RSD	24.132	231.44	28.780	100.32	254.20	9.3071	8.0602

#1	-.00001	-.00007	-.01389	-.00081	.00020	-.00027	.01133
#2	-.00001	.00002	-.02098	-.00014	-.00006	-.00031	.01011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.02847	.00105	-.00174	.04053	-.00022	.00011
Stddev	.00001	.05194	.00013	.00028	.01265	.00018	.00008
%RSD	5.4581	182.46	12.233	15.940	31.210	84.134	71.523

#1	.00019	.00826	.00114	-.00194	.03158	-.00009	.00017
#2	.00021	-.06520	.00096	-.00154	.04947	-.00035	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04014	.00057	-.00447	F -.02490	-.00263	-.00143	-.00031
Stddev	.04099	.00002	.00433	.00322	.00159	.00038	.00069
%RSD	102.12	3.8721	96.759	12.917	60.201	26.486	222.83

#1	-.01116	.00055	-.00753	-.02263	-.00151	-.00116	-.00080
#2	-.06913	.00058	-.00141	-.02718	-.00375	-.00170	.00018

Sample Name: CCB09 Acquired: 10/5/2018 19:50:25 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00351	-0.0000	-0.00012	F<.00000	F .93914
Stddev	.00052	.0017	.00002	.48841	.05728
%RSD	14.723	10650.	19.990	26.296	6.0991

#1	-0.00388	.0012	-0.00010	-2.2027	.89863
#2	-0.00315	-0.0012	-0.00013	-1.5120	.97964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.1	73955.	5231.5	115.45	4703.8
Stddev	17.1	76.	22.7	.19	19.9
%RSD	.51822	.10315	.43468	.16889	.42278

#1	3279.0	73901.	5247.5	115.32	4689.7
#2	3303.1	74009.	5215.4	115.59	4717.8

Sample Name: J5264-06 Acquired: 10/5/2018 19:54:30 Type: Unk
Method: P4-ICP2(v2481) 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	.00090	.00119	-.00101	.00066	-.00240	.03532	.01502	.00002
Stddev	.00334	.00259	.00147	.00050	.00122	.00728	.00024	.00007
%RSD	372.88	218.29	145.56	74.879	50.917	20.602	1.6210	455.88

#1	.00326	-.00065	-.00204	.00031	-.00327	.03018	.01485	-.00004
#2	-.00147	.00302	.00003	.00101	-.00154	.04047	.01519	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	31.670	-.00057	-.00016	.00091	.00669	.00112	39.960
Stddev	.00002	.082	.00005	.00002	.00016	.01615	.00002	.179
%RSD	33.772	.25760	7.9898	13.030	17.703	241.37	1.6832	.44899

#1	-.00006	31.727	-.00053	-.00017	.00080	.01811	.00111	40.087
#2	-.00004	31.612	-.00060	-.00014	.00103	-.00473	.00114	39.833

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00188	315.10	.00104	.00020	13.029	.00037	.13402
Stddev	.00029	.00010	3.92	.00014	.00002	.045	.00005	.00582
%RSD	112.84	5.1999	1.2442	13.049	7.9591	.34728	12.997	4.3462

#1	.00046	-.00182	317.87	.00094	.00022	13.061	.00041	.12990
#2	.00005	-.00195	312.33	.00114	.00019	12.997	.00034	.13814

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.829	.79540	-.01106	-.00049	-.00501	.0528	.29558	2.5192
Stddev	1.019	.00737	.00064	.00122	.00082	.0022	.00334	.0887
%RSD	3.7976	.92660	5.8248	247.15	16.449	4.091	1.1290	3.5196

#1	26.109	.80061	-.01060	-.00135	-.00560	.0513	.29794	2.5819
#2	27.550	.79019	-.01151	.00037	-.00443	.0543	.29322	2.4565

Sample Name: J5264-06 Acquired: 10/5/2018 19:54:30 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0537
 Stddev .0355
 %RSD 1.7262

#1 2.0788
 #2 2.0286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.1	70187.	5297.7	117.40	4349.1
Stddev	103.7	44.	29.9	1.36	140.8
%RSD	3.2170	.06279	.56418	1.1585	3.2377

#1	3296.4	70155.	5276.6	116.44	4448.7
#2	3149.7	70218.	5318.9	118.36	4249.6

Sample Name: J5264-07 Acquired: 10/5/2018 19:58:38 Type: Unk
Method: P4-ICP2(v2481) 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	.00633	.00048	-.00061	.00069	-.00260	.00108	.01565	.00014
Stddev	.00323	.00206	.00158	.00096	.00139	.00367	.00031	.00003
%RSD	50.948	425.60	259.44	138.56	53.564	338.95	2.0083	20.897

#1	.00861	-.00097	-.00173	.00137	-.00358	-.00151	.01542	.00016
#2	.00405	.00194	.00051	.00001	-.00161	.00368	.01587	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	34.827	-.00065	-.00026	.00097	.01309	.00381	50.610
Stddev	.00004	.031	.00066	.00007	.00012	.00174	.00008	.068
%RSD	45.969	.09034	102.05	26.672	11.905	13.327	2.0529	.13484

#1	-.00010	34.805	-.00018	-.00031	.00106	.01186	.00387	50.562
#2	-.00005	34.849	-.00112	-.00021	.00089	.01433	.00375	50.659

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00215	390.25	.00036	.00004	16.218	.00047	.16828
Stddev	.00059	.00044	4.92	.00026	.00007	.144	.00004	.00390
%RSD	2446.6	20.353	1.2617	70.678	159.67	.88605	8.9887	2.3164

#1	-.00039	-.00184	393.73	.00054	.00009	16.320	.00050	.17104
#2	.00044	-.00246	386.77	.00018	-.00001	16.117	.00044	.16552

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.809	.81762	-.01456	-.00108	-.00311	.0553	.35206	2.4734
Stddev	.044	.01920	.00013	.00101	.00093	.0001	.00304	.0137
%RSD	.12769	2.3478	.86542	93.714	30.050	.2571	.86326	.55539

#1	34.778	.83119	-.01448	-.00180	-.00377	.0554	.35421	2.4831
#2	34.841	.80405	-.01465	-.00036	-.00245	.0552	.34991	2.4637

Sample Name: J5264-07 Acquired: 10/5/2018 19:58:38 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6058
 Stddev .0664
 %RSD 2.5498

#1 2.6528
 #2 2.5588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.3	68910.	5280.9	116.95	4199.6
Stddev	.2	295.	83.1	3.89	3.8
%RSD	.00538	.42779	1.5729	3.3249	.09117

#1	3144.4	69118.	5222.1	114.20	4202.3
#2	3144.2	68701.	5339.6	119.70	4196.9

Sample Name: J5264-08 Acquired: 10/5/2018 20:02:46 Type: Unk
Method: P4-ICP2(v2481) 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	.00553	-.00035	-.00097	.00200	-.00214	-.00203	.01608	-.00003
Stddev	.00153	.00158	.00074	.00132	.00013	.00570	.00025	.00000
%RSD	27.701	448.57	76.820	65.985	5.8870	280.43	1.5761	14.084

#1	.00445	.00076	-.00044	.00107	-.00222	-.00607	.01590	-.00003
#2	.00661	-.00147	-.00150	.00293	-.00205	.00200	.01626	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	34.777	-.00043	-.00007	.00088	.01022	.00366	50.798
Stddev	.00000	.037	.00028	.00017	.00034	.00524	.00002	.196
%RSD	3.6673	.10535	64.125	239.86	38.720	51.292	.57758	.38564

#1	-.00010	34.803	-.00063	.00005	.00112	.00652	.00367	50.659
#2	-.00009	34.751	-.00024	-.00019	.00064	.01393	.00364	50.936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00231	393.24	.00059	.00005	16.508	.00060	.17258
Stddev	.00022	.00027	7.73	.00007	.00004	.140	.00008	.00633
%RSD	75.154	11.537	1.9648	12.342	90.403	.84989	13.133	3.6689

#1	-.00014	-.00212	398.70	.00054	.00002	16.607	.00065	.17706
#2	-.00044	-.00250	387.78	.00064	.00008	16.408	.00054	.16810

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.393	.81613	-.01423	-.00216	-.00403	.0585	.35163	3.1553
Stddev	.207	.01287	.00037	.00125	.00215	.0007	.00352	.1434
%RSD	.58624	1.5764	2.5700	57.687	53.351	1.131	1.0023	4.5440

#1	35.246	.82523	-.01397	-.00305	-.00555	.0580	.35412	3.0539
#2	35.540	.80703	-.01448	-.00128	-.00251	.0589	.34914	3.2566

Sample Name: J5264-08 Acquired: 10/5/2018 20:02:46 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6170
Stddev .0535
%RSD 2.0431

#1 2.6548
#2 2.5792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.2	69016.	5258.4	116.52	4168.9
Stddev	17.1	19.	68.2	.47	20.6
%RSD	.54868	.02795	1.2966	.40394	.49532

#1	3121.3	69003.	5210.2	116.18	4183.5
#2	3097.1	69030.	5306.7	116.85	4154.3

Sample Name: J5264-09 Acquired: 10/5/2018 20:06:54 Type: Unk
Method: P4-ICP2(v2481) 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	.00144	.00092	-.00118	-.00087	-.00213	.01150	.01408	.00003
Stddev	.00587	.00036	.00014	.00239	.00123	.00748	.00035	.00005
%RSD	406.83	38.626	11.466	274.22	57.497	65.058	2.4630	206.34

#1	-.00271	.00067	-.00109	-.00256	-.00127	.01678	.01433	.00006
#2	.00560	.00118	-.00128	.00082	-.00300	.00621	.01384	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	30.380	-.00057	.00004	.00128	.00460	.00140	35.675
Stddev	.00001	.008	.00035	.00000	.00003	.00301	.00004	.044
%RSD	16.301	.02746	61.857	2.7652	2.6487	65.371	2.8681	.12438

#1	-.00006	30.386	-.00032	.00004	.00130	.00247	.00143	35.707
#2	-.00007	30.374	-.00082	.00004	.00125	.00672	.00137	35.644

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00215	267.55	.00053	.00042	11.601	.00054	.11583
Stddev	.00005	.00014	1.91	.00021	.00002	.015	.00012	.01009
%RSD	10.219	6.6551	.71378	39.669	4.2816	.13174	22.284	8.7077

#1	.00042	-.00205	268.90	.00068	.00043	11.612	.00063	.10870
#2	.00048	-.00225	266.20	.00038	.00041	11.591	.00046	.12297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.965	.77902	-.01087	.00124	-.00693	.0516	.26953	2.2841
Stddev	.346	.00834	.00019	.00171	.00109	.0016	.00171	.2682
%RSD	1.4422	1.0700	1.7805	137.33	15.798	3.070	.63398	11.742

#1	23.721	.78492	-.01101	.00004	-.00770	.0504	.27073	2.0945
#2	24.209	.77313	-.01074	.00245	-.00615	.0527	.26832	2.4738

Sample Name: J5264-09 Acquired: 10/5/2018 20:06:54 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6397
Stddev .3205
%RSD 12.141

#1 2.8663
#2 2.4131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.4	70074.	5310.6	118.76	4334.8
Stddev	47.5	28.	39.3	.44	47.1
%RSD	1.4904	.03969	.74062	.37396	1.0874

#1	3220.0	70054.	5282.8	118.44	4368.1
#2	3152.8	70093.	5338.4	119.07	4301.5

Sample Name: J5264-10 Acquired: 10/5/2018 20:11:02 Type: Unk
Method: P4-ICP2(v2481) 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	.00245	.00297	-.00079	.00117	-.00257	.00485	.01448	.00010
Stddev	.00458	.00011	.00038	.00345	.00077	.00317	.00104	.00004
%RSD	186.85	3.7595	48.075	293.90	29.921	65.305	7.1911	42.739

#1	.00569	.00305	-.00052	-.00127	-.00202	.00261	.01374	.00012
#2	-.00079	.00289	-.00106	.00362	-.00311	.00709	.01521	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	29.618	-.00087	.00002	.00094	-.00803	.00137	33.593
Stddev	.00008	.143	.00018	.00024	.00038	.01223	.00005	.053
%RSD	217.36	.48424	20.695	1298.2	40.438	152.41	3.7349	.15739

#1	.00002	29.517	-.00074	.00019	.00067	-.01667	.00133	33.556
#2	-.00009	29.719	-.00099	-.00015	.00121	.00062	.00141	33.630

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00184	257.37	.00091	-.00011	10.959	.00026	.10630
Stddev	.00031	.00031	.78	.00031	.00003	.023	.00012	.00463
%RSD	73.787	17.008	.30490	33.983	24.039	.20986	45.409	4.3580

#1	.00020	-.00206	256.82	.00113	-.00009	10.942	.00018	.10958
#2	.00064	-.00162	257.93	.00069	-.00013	10.975	.00034	.10303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.885	.76651	-.01008	-.00071	-.00711	.0517	.25985	.98629
Stddev	.088	.00626	.00090	.00092	.00088	.0027	.00045	.66084
%RSD	.38289	.81686	8.8915	130.89	12.302	5.148	.17316	67.003

#1	22.823	.76209	-.01072	-.00136	-.00773	.0498	.25953	.51901
#2	22.947	.77094	-.00945	-.00005	-.00650	.0536	.26017	1.4536

Sample Name: J5264-10 Acquired: 10/5/2018 20:11:02 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2355
 Stddev .3585
 %RSD 16.039

#1 2.4890
 #2 1.9820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.4	70770.	5333.8	121.11	4306.4
Stddev	19.8	85.	27.7	2.27	15.8
%RSD	.62304	.11973	.51953	1.8770	.36796

#1	3186.3	70711.	5353.4	119.50	4317.6
#2	3158.4	70830.	5314.2	122.71	4295.2

Sample Name: J5264-11 Acquired: 10/5/2018 20:15:11 Type: Unk
Method: P4-ICP2(v2481) 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	.00458	.00128	-.00192	.00245	-.00269	-.00036	.01401	.00002
Stddev	.00109	.00034	.00046	.00069	.00089	.000970	.00033	.00006
%RSD	23.876	26.473	23.772	28.050	33.040	2664.1	2.3545	276.55

#1	.00536	.00152	-.00160	.00294	-.00332	.00650	.01378	.00006
#2	.00381	.00104	-.00224	.00196	-.00207	-.00723	.01424	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	29.586	-.00050	-.00001	.00076	.01319	.00139	33.231
Stddev	.00010	.094	.00019	.00014	.00035	.00318	.00001	.016
%RSD	413.50	.31691	37.797	968.22	46.079	24.119	.80220	.04901

#1	-.00009	29.652	-.00064	.00008	.00100	.01094	.00138	33.243
#2	.00004	29.519	-.00037	-.00011	.00051	.01544	.00139	33.220

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00195	252.31	.00041	.00018	10.857	.00029	.08968
Stddev	.00028	.00031	3.79	.00001	.00001	.048	.00006	.00523
%RSD	41.734	15.739	1.5013	2.7218	3.7187	.43920	20.751	5.8321

#1	.00087	-.00216	254.99	.00041	.00017	10.823	.00025	.09338
#2	.00047	-.00173	249.63	.00040	.00018	10.890	.00033	.08598

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.738	.75700	-.01048	.00010	-.00579	.0529	.25743	1.6791
Stddev	.014	.01183	.00064	.00176	.00124	.0023	.00318	.4302
%RSD	.06107	1.5632	6.0715	1823.8	21.377	4.408	1.2358	25.619

#1	22.728	.76536	-.01093	-.00115	-.00491	.0513	.25968	1.3749
#2	22.747	.74863	-.01003	.00134	-.00666	.0546	.25518	1.9832

Sample Name: J5264-11 Acquired: 10/5/2018 20:15:11 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2273
 Stddev .0673
 %RSD 3.0222

#1 2.2749
 #2 2.1797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.8	71008.	5376.4	119.48	4309.2
Stddev	3.0	11.	33.6	3.11	6.9
%RSD	.09476	.01508	.62449	2.6068	.16044

#1	3166.7	71001.	5352.7	117.28	4314.1
#2	3171.0	71016.	5400.2	121.68	4304.3

Sample Name: J5264-12 Acquired: 10/5/2018 20:19:19 Type: Unk
Method: P4-ICP2(v2481) 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	.00540	.00073	-.00162	-.00007	-.00192	.00743	.01347	.00006
Stddev	.00351	.00112	.00016	.00284	.00013	.01489	.00085	.00006
%RSD	65.042	153.22	10.184	4089.3	6.6443	200.38	6.2842	104.77

#1	.00788	.00152	-.00173	-.00208	-.00183	.01796	.01287	.00011
#2	.00292	-.00006	-.00150	.00194	-.00201	-.00310	.01407	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	28.469	-.00088	-.00000	.00118	.00559	.00156	29.296
Stddev	.00002	.057	.00041	.00021	.00020	.00390	.00001	.136
%RSD	13.104	.19910	46.268	4522.9	17.185	69.771	.77981	.46281

#1	-.00014	28.429	-.00059	.00015	.00133	.00834	.00155	29.200
#2	-.00011	28.510	-.00116	-.00016	.00104	.00283	.00157	29.392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00187	221.28	.00058	-.00007	9.6046	.00035	.08523
Stddev	.00021	.00058	2.45	.00032	.00002	.0183	.00004	.00726
%RSD	73.913	31.243	1.1060	55.521	24.493	.19038	10.662	8.5157

#1	.00043	-.00228	223.01	.00035	-.00006	9.5916	.00038	.08009
#2	.00014	-.00146	219.55	.00080	-.00008	9.6175	.00032	.09036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.002	.74869	-.00981	.00039	-.00828	.0512	.23742	1.5424
Stddev	.060	.00793	.00001	.00032	.00051	.0006	.00059	1.1376
%RSD	.30069	1.0597	.07776	81.267	6.1419	1.120	.24818	73.756

#1	20.045	.75430	-.00981	.00062	-.00792	.0516	.23784	.73800
#2	19.960	.74308	-.00982	.00017	-.00864	.0508	.23701	2.3468

Sample Name: J5264-12 Acquired: 10/5/2018 20:19:19 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3763
 Stddev .2529
 %RSD 10.641

#1 2.5551
 #2 2.1975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3196.4	71305.	5388.6	120.49	4351.4
Stddev	3.1	66.	37.6	3.44	1.2
%RSD	.09781	.09217	.69755	2.8537	.02728

#1	3194.2	71259.	5362.0	118.06	4352.3
#2	3198.7	71352.	5415.1	122.93	4350.6

Sample Name: J5205-02 Acquired: 10/5/2018 20:23:28 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00247	-.00168	.00177	.00282	-.00202	.14126	.22622	.00038
Stddev	.00021	.00028	.00131	.00206	.00024	.00642	.00061	.00002
%RSD	8.5083	16.618	73.787	72.897	11.641	4.5472	.26778	5.0734

#1	-.00232	-.00148	.00085	.00428	-.00186	.13672	.22664	.00039
#2	-.00261	-.00188	.00269	.00137	-.00219	.14581	.22579	.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	20.741	-.00080	.01306	.01017	.83007	1.9840	2.2943
Stddev	.00001	.076	.00000	.00042	.00041	.00051	.0037	.0070
%RSD	.57923	.36523	.01954	3.2254	4.0180	.06168	.18752	.30686

#1	.00136	20.688	-.00080	.01276	.00988	.83043	1.9813	2.2893
#2	.00135	20.795	-.00080	.01336	.01046	.82971	1.9866	2.2993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00641	-.00141	301.87	-.00028	.32434	.95228	.00001	-.00611
Stddev	.00010	.00031	2.49	.00006	.00231	.01620	.00023	.00172
%RSD	1.6136	21.968	.82647	20.093	.71321	1.7011	1608.7	28.229

#1	.00648	-.00163	300.10	-.00024	.32271	.94083	.00018	-.00489
#2	.00634	-.00119	303.63	-.00032	.32598	.96374	-.00015	-.00733

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49991	1.4987	-.00020	.00202	.00129	.0023	.10795	2.2112
Stddev	.00503	.0197	.00061	.00076	.00125	.0010	.00041	.0599
%RSD	1.0053	1.3119	299.51	37.341	96.681	44.47	.38163	2.7107

#1	.49635	1.4848	.00023	.00149	.00041	.0016	.10824	2.1688
#2	.50346	1.5126	-.00064	.00256	.00217	.0031	.10766	2.2536

Sample Name: J5205-02 Acquired: 10/5/2018 20:23:28 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0197
 Stddev .3955
 %RSD 13.097

#1 2.7401
 #2 3.2993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.8	69266.	5182.9	113.03	4202.5
Stddev	24.9	183.	13.6	.16	47.7
%RSD	.79608	.26429	.26269	.14265	1.1340

#1	3150.4	69136.	5192.5	113.15	4236.2
#2	3115.2	69395.	5173.3	112.92	4168.8

Sample Name: J5255-03 Acquired: 10/5/2018 20:27:36 Type: Unk
Method: P4-ICP2(v2481) 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	.00103	-.00268	-.00021	.00250	-.00045	.08729	.26694	-.00000
Stddev	.00020	.00038	.00010	.00173	.00021	.00111	.00008	.00008
%RSD	19.587	14.082	47.478	69.136	47.116	1.2686	.03171	3279.5

#1	.00117	-.00294	-.00028	.00372	-.00060	.08808	.26700	-.00006
#2	.00088	-.00241	-.00014	.00128	-.00030	.08651	.26688	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	23.316	.02569	.01224	.01855	.20122	1.0295	2.5049
Stddev	.00008	.081	.00011	.00006	.00029	.01513	.0013	.0611
%RSD	17.799	.34766	.41423	.52872	1.5543	7.5217	.12112	2.4382

#1	.00038	23.374	.02576	.01219	.01835	.21192	1.0304	2.5480
#2	.00049	23.259	.02561	.01228	.01876	.19052	1.0286	2.4617

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01115	-.00178	270.87	.00015	.13553	1.4857	.00135	.02666
Stddev	.00005	.00060	1.62	.00028	.00326	.0160	.00002	.00699
%RSD	.41474	33.496	.59784	180.58	2.4090	1.0773	1.1778	26.197

#1	.01119	-.00220	269.72	.00035	.13322	1.4970	.00134	.03160
#2	.01112	-.00136	272.01	-.00004	.13784	1.4744	.00137	.02172

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36285	.81156	-.00025	-.00255	-.00149	-.0040	.08350	1.0862
Stddev	.00236	.00167	.00014	.00054	.00019	.0012	.00013	.7451
%RSD	.65004	.20541	53.720	21.272	12.779	28.64	.15301	68.592

#1	.36452	.81274	-.00016	-.00294	-.00162	-.0048	.08359	.55939
#2	.36118	.81039	-.00035	-.00217	-.00135	-.0032	.08341	1.6131

Sample Name: J5255-03 Acquired: 10/5/2018 20:27:36 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9242
Stddev .2169
%RSD 11.274

#1 1.7708
#2 2.0776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.6	69886.	5244.9	114.79	4220.1
Stddev	6.0	234.	17.3	3.65	8.9
%RSD	.19163	.33412	.32926	3.1816	.21059

#1	3144.4	69721.	5257.1	117.38	4213.8
#2	3152.9	70052.	5232.6	112.21	4226.4

Sample Name: CCV10 Acquired: 10/5/2018 20:31:45 Type: Unk
Method: P4-ICP2(v2481) 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	4.6868	4.6577	4.6974	4.7452	4.6972	9.0294	9.8698	.23442
Stddev	.0047	.0099	.0057	.0045	.0037	.0013	.0149	.00002
%RSD	.09947	.21192	.12189	.09478	.07906	.01432	.15133	.00822
#1	4.6835	4.6507	4.6934	4.7484	4.6998	9.0303	9.8593	.23441
#2	4.6901	4.6647	4.7015	4.7420	4.6945	9.0285	9.8804	.23443
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3442	23.707	.93064	2.3375	1.1796	4.6617	2.3541	24.516
Stddev	.0048	.004	.00232	.0066	.0006	.0550	.0007	.070
%RSD	.20338	.01495	.24915	.28184	.05295	1.1802	.02919	.28745
#1	2.3408	23.710	.92901	2.3328	1.1792	4.6228	2.3536	24.466
#2	2.3475	23.704	.93228	2.3421	1.1801	4.7006	2.3546	24.566
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3514	1.1360	24.234	2.4069	2.3907	25.245	4.7403	4.9430
Stddev	.0086	.0002	.054	.0010	.0245	.013	.0058	.0056
%RSD	.36519	.01383	.22309	.04110	1.0263	.05328	.12236	.11268
#1	2.3453	1.1359	24.196	2.4076	2.3734	25.254	4.7362	4.9390
#2	2.3574	1.1362	24.272	2.4062	2.4081	25.235	4.7444	4.9469
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6804	4.9618	4.6689	4.7540	5.3285	4.862	4.7925	F.48631
Stddev	.0018	.0003	.0173	.0043	.0010	.007	.0021	.13592
%RSD	.03777	.00566	.37116	.08967	.01938	.1401	.04343	27.949
#1	4.6816	4.9616	4.6567	4.7510	5.3293	4.857	4.7940	.39020
#2	4.6791	4.9620	4.6812	4.7570	5.3278	4.867	4.7910	.58241

Sample Name: CCV10 Acquired: 10/5/2018 20:31:45 Type: Unk
Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4632
Stddev .1904
%RSD 5.4968

#1 3.3286
#2 3.5978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.9	71675.	5207.8	113.07	4234.4
Stddev	8.0	160.	6.4	.88	5.1
%RSD	.25088	.22391	.12258	.77423	.12037

#1	3167.3	71789.	5203.3	113.68	4230.8
#2	3178.5	71562.	5212.3	112.45	4238.0

Sample Name: CCB10 Acquired: 10/5/2018 20:35:30 Type: Unk
Method: P4-ICP2(v2481) 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	.00102	-.00072	-.00287	-.00113	-.00060	.00001
Stddev	.00065	.00016	.00084	.00024	.00008	.01349	.00013
%RSD	209.17	15.765	116.89	8.4740	6.9275	2230.6	1506.1

#1	-.00015	.00091	-.00012	-.00270	-.00107	.00894	.00010
#2	.00077	.00114	-.00131	-.00305	-.00118	-.01015	-.00008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.00097	-.00021	.00001	-.00044	.00822
Stddev	.00004	.00004	.00766	.00005	.00021	.00007	.00339
%RSD	309.42	106.63	785.99	26.150	3346.1	16.925	41.205

#1	.00004	.00001	.00639	-.00024	.00015	-.00038	.00583
#2	-.00002	.00006	-.00444	-.00017	-.00014	-.00049	.01062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.02220	.00116	-.00148	.03297	-.00001	-.00007
Stddev	.00000	.01630	.00046	.00021	.00802	.00024	.00002
%RSD	3.1652	73.397	39.940	14.379	24.336	2578.3	29.419

#1	.00014	-.03373	.00148	-.00163	.02730	-.00018	-.00008
#2	.00014	-.01068	.00083	-.00133	.03865	.00016	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11659	.00065	.00129	F -.03611	-.00234	-.00163	.00088
Stddev	.04987	.00019	.00879	.00142	.00233	.00021	.00050
%RSD	42.774	28.284	681.86	3.9208	99.756	12.657	57.239

#1	-.15185	.00079	.00751	-.03711	-.00398	-.00148	.00123
#2	-.08132	.00052	-.00493	-.03511	-.00069	-.00177	.00052

Sample Name: CCB10 Acquired: 10/5/2018 20:35:30 Type: Unk
 Method: P4-ICP2(v2481) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00239	-0.0017	-0.00004	F<.00000	F 1.4326
Stddev	.00299	.0010	.00007	.25107	.4337
%RSD	124.82	60.81	174.21	9.6981	30.271

#1	-0.00451	-0.0024	-0.00009	-2.7664	1.1259
#2	-0.00028	-0.0010	.00001	-2.4113	1.7392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.9	75084.	5308.3	119.34	4761.4
Stddev	19.7	174.	.8	1.55	14.3
%RSD	.59356	.23178	.01483	1.2999	.30060

#1	3309.0	74961.	5308.8	120.44	4751.3
#2	3336.9	75207.	5307.7	118.25	4771.5