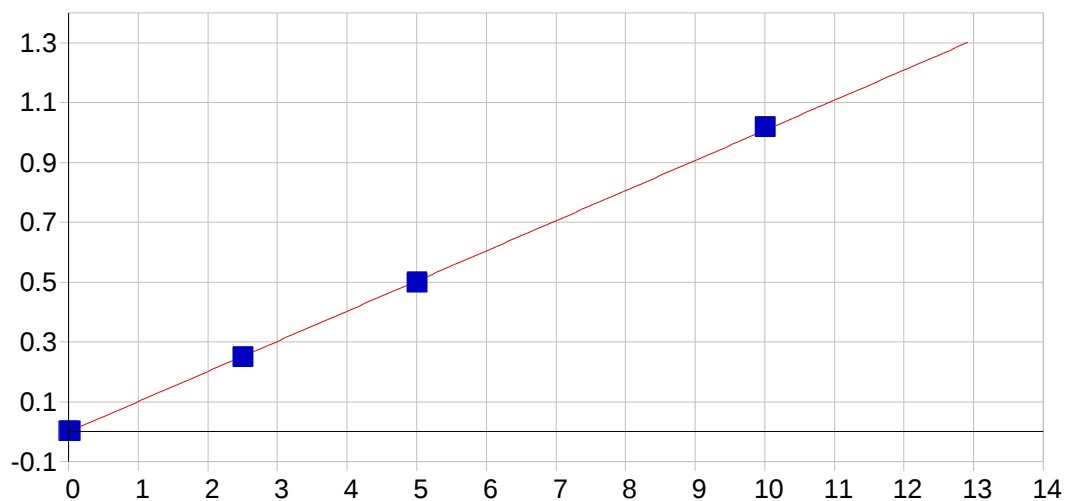


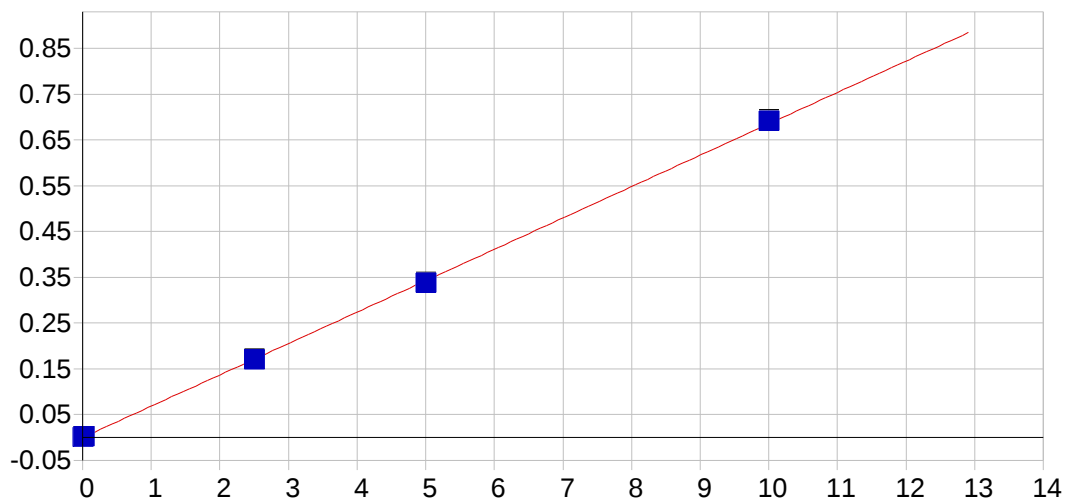


As 189.042 {478}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000306 Re-Slope: 1.000000
 A1 (Gain): 0.100770 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002028
 Predicted MQL: 0.006760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.02000	.01770	-.002	-11.5	.00148	.000	1
S3	2.5000	2.4784	-.022	-.864	.24943	.000	1
S4	5.0000	4.9296	-.070	-1.41	.49641	.002	1
S5	10.000	10.094	.094	.943	1.0168	.003	1



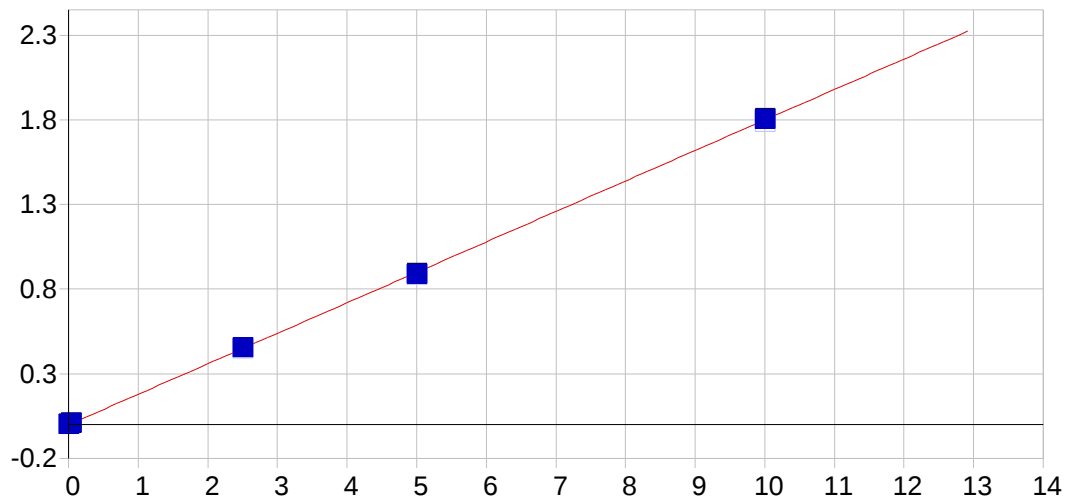
As 189.042 {479}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000

A1 (Gain): 0.068523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.001928
 Predicted MQL: 0.006426

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.02000	.01884	-.001	-5.79	.00132	.000	1
S3	2.5000	2.4819	-.018	-.724	.17010	.000	1
S4	5.0000	4.9277	-.072	-1.45	.33770	.001	1
S5	10.000	10.092	.092	.916	.69155	.002	1

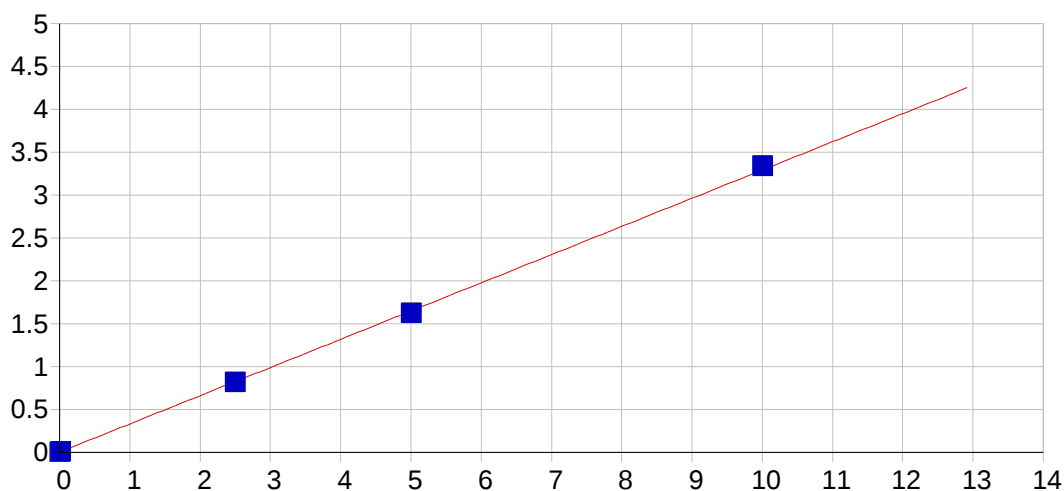


TI 190.856 {477}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000977 Re-Slope: 1.000000
 A1 (Gain): 0.180028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000944
 Predicted MQL: 0.003147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00098	.000	1
S1	.04000	.04668	.007	16.7	.00724	.000	1
S3	2.5000	2.5202	.020	.807	.44811	.000	1
S4	5.0000	4.9470	-.053	-1.06	.88039	.002	1
S5	10.000	10.026	.026	.262	1.7856	.004	1

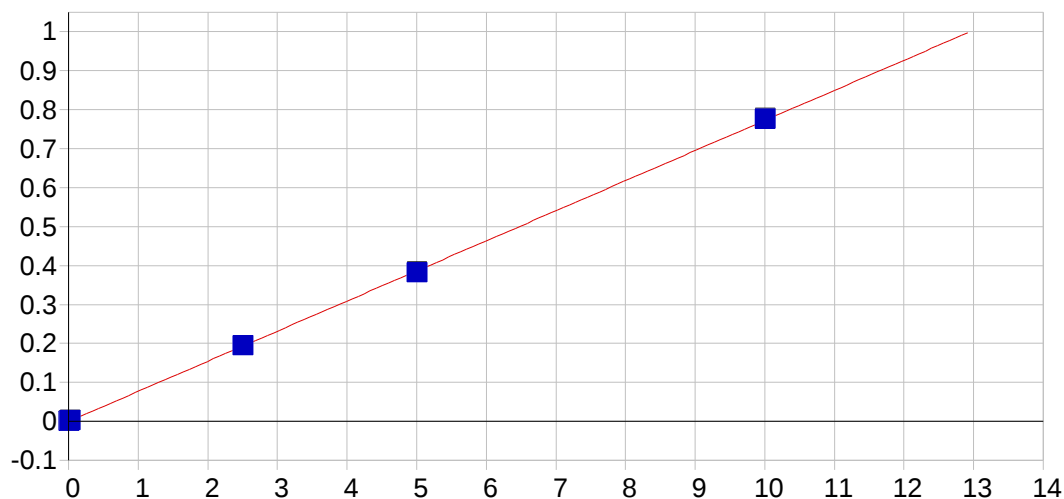


Pb 220.353 {453}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003211 Re-Slope: 1.000000
 A1 (Gain): 0.328890 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000796
 Predicted MQL: 0.002653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00321	.000	1
S1	.01200	.01237	.000	3.06	.00720	.000	1
S3	2.5000	2.4708	-.029	-1.17	.81471	.000	1
S4	5.0000	4.9032	-.097	-1.94	1.6135	.003	1
S5	10.000	10.126	.126	1.26	3.3289	.006	1



Se 196.090 {472}

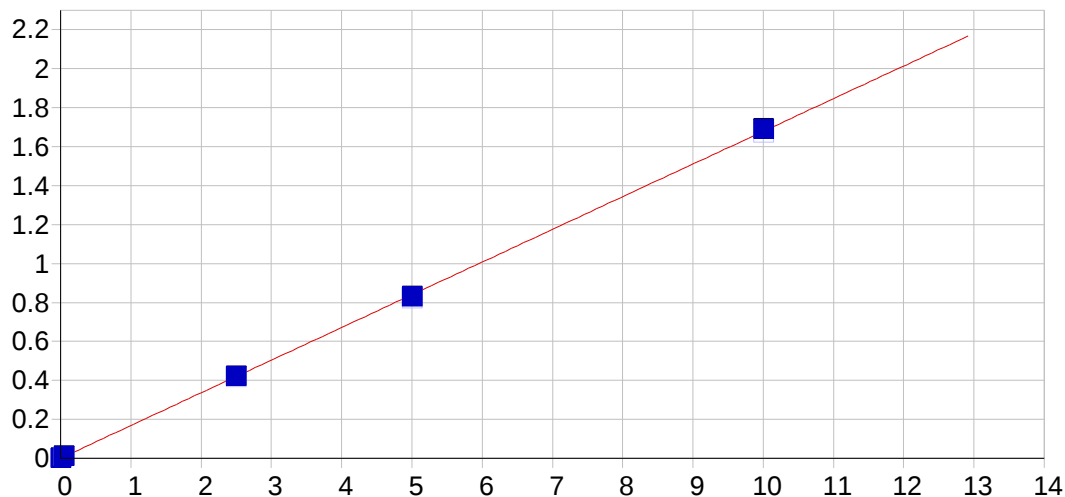
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.077260 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000016
 Predicted MDL: 0.002420
 Predicted MQL: 0.008068

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.02000	.02321	.003	16.1	.00156	.000	1
S3	2.5000	2.5125	.013	.502	.19386	.001	1
S4	5.0000	4.9490	-.051	-1.02	.38208	.000	1
S5	10.000	10.035	.035	.353	.77500	.002	1



Sb 206.833 {463}

Date of Fit: 12/28/2018 18:40:22

Type of Fit: Linear

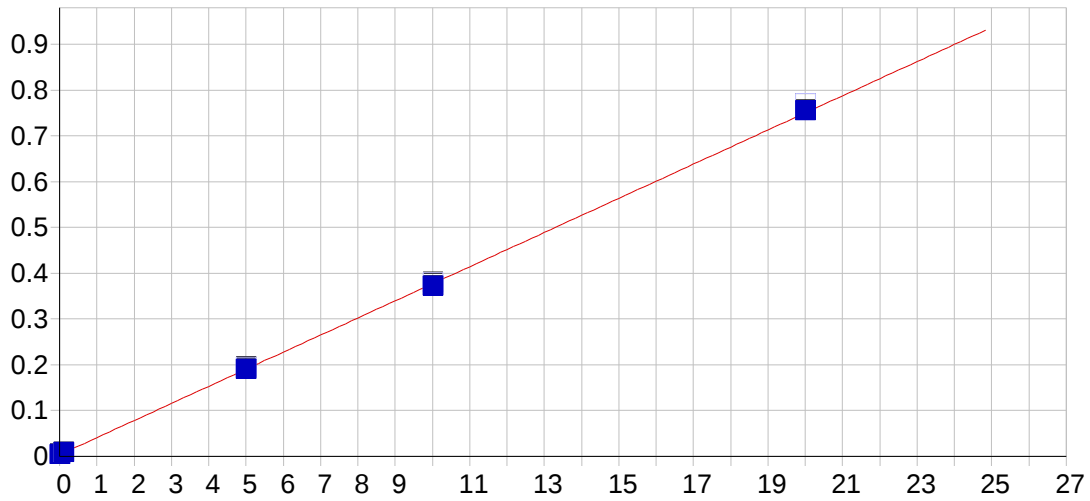
Weighting: 1/Conc

A0 (Offset): 0.000521
 A1 (Gain): 0.167816
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000065
 Predicted MDL: 0.001360
 Predicted MQL: 0.004534

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	.00052	.000	1
S1	.05000	.05581	.006	11.6	.00968	.000	1
S3	2.5000	2.4959	-.004	-.166	.41465	.000	1
S4	5.0000	4.9378	-.062	-1.24	.81972	.001	1
S5	10.000	10.061	.061	.607	1.6700	.004	1

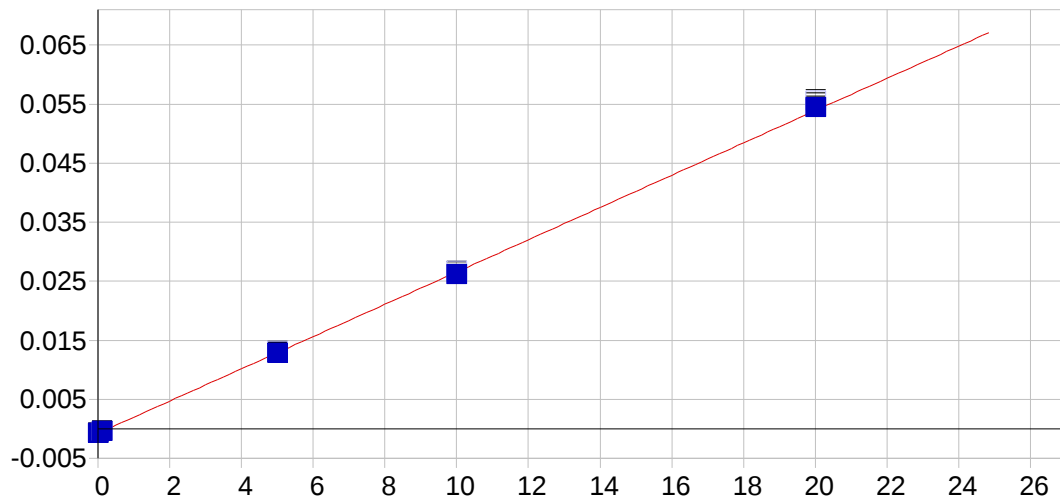


AI 308.215 {109}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003644 Re-Slope: 1.000000
 A1 (Gain): 0.037339 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002655
 Predicted MQL: 0.008851

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00364	.000	1
S1	.10000	.10895	.009	8.95	.00797	.000	1
S3	5.0000	5.0069	.007	.139	.19431	.002	1
S4	10.000	9.8498	-.150	-1.50	.37886	.001	1
S5	20.000	20.134	.134	.670	.77029	.000	1



AI 309.271 {109}

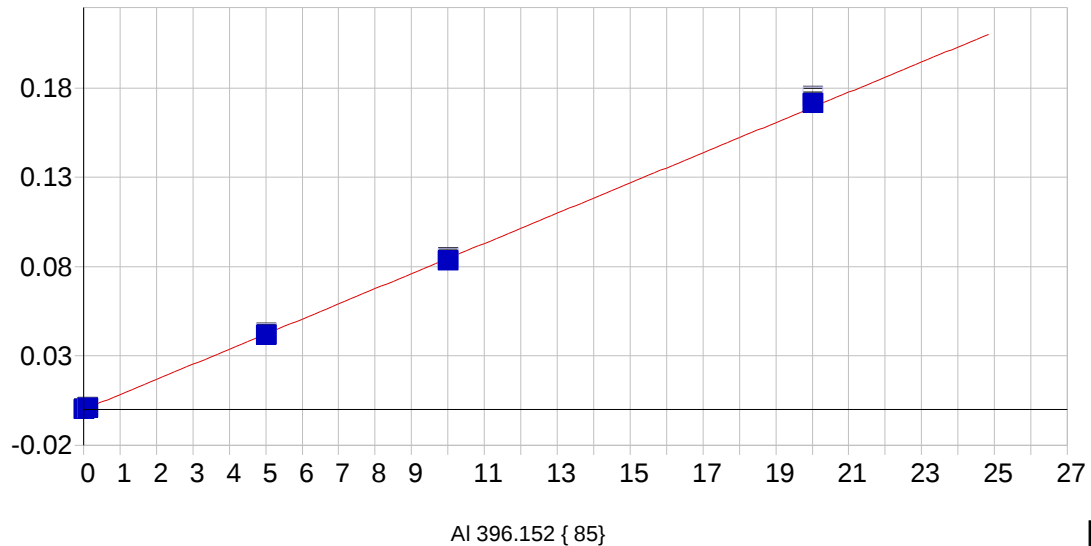
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000782 Re-Slope: 1.000000
 A1 (Gain): 0.002734 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878
 Std Error of Est: 0.000003
 Predicted MDL: 0.024340
 Predicted MQL: 0.081132

Status: OK.

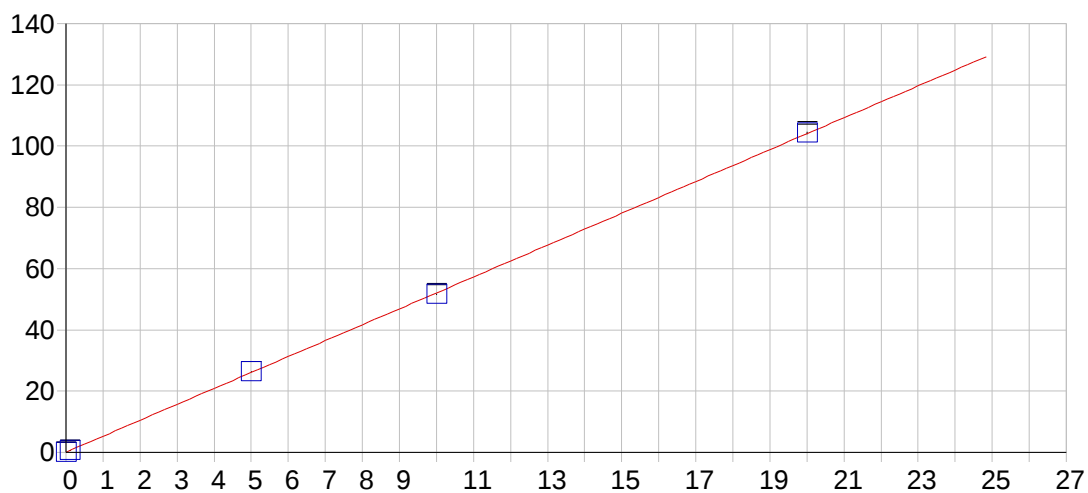
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00078	.000	1
S1	.10000	.12059	.021	20.6	-.00043	.000	1
S3	5.0000	4.9713	-.029	-.574	.01308	.000	1
S4	10.000	9.8290	-.171	-1.71	.02663	.000	1
S5	20.000	20.178	.178	.890	.05546	.000	1



Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.008457 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.011326
 Predicted MQL: 0.037754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00004	.000	1
S1	.10000	.10904	.009	9.04	.00094	.000	1
S3	5.0000	4.9065	-.093	-1.87	.04230	.000	1
S4	10.000	9.8229	-.177	-1.77	.08472	.000	1
S5	20.000	20.261	.261	1.31	.17468	.001	1

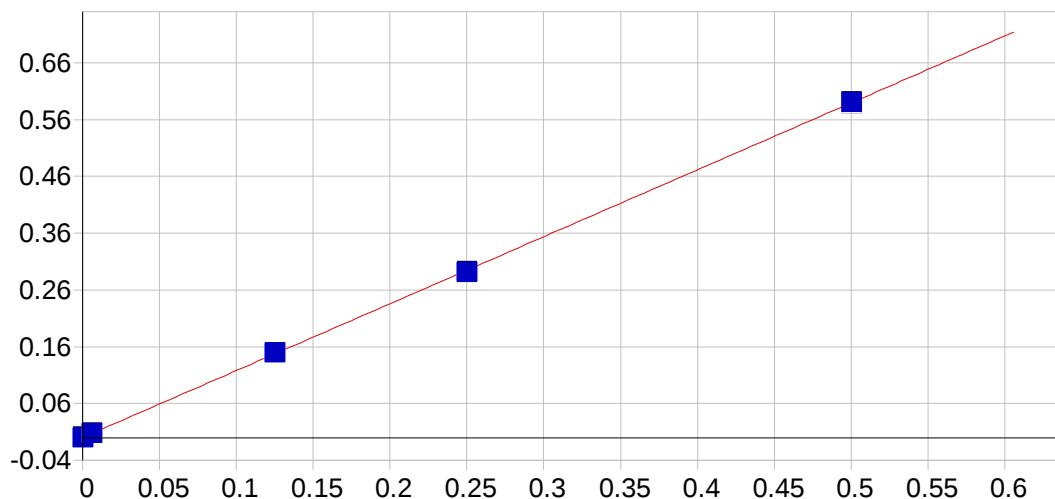


Ba 493.409 { 68}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.098122 Re-Slope: 1.000000
 A1 (Gain): 5.197448 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.003263
 Predicted MDL: 0.000603
 Predicted MQL: 0.002009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09807	.005	1
S1	.10000	.10973	.010	9.73	.66845	.004	1
S3	5.0000	5.0469	.047	.938	26.329	.027	1
S5	20.000	20.039	.039	.193	104.25	.455	1
S4	10.000	9.9048	-.095	-.952	51.578	.197	1



Be 234.861 {144}

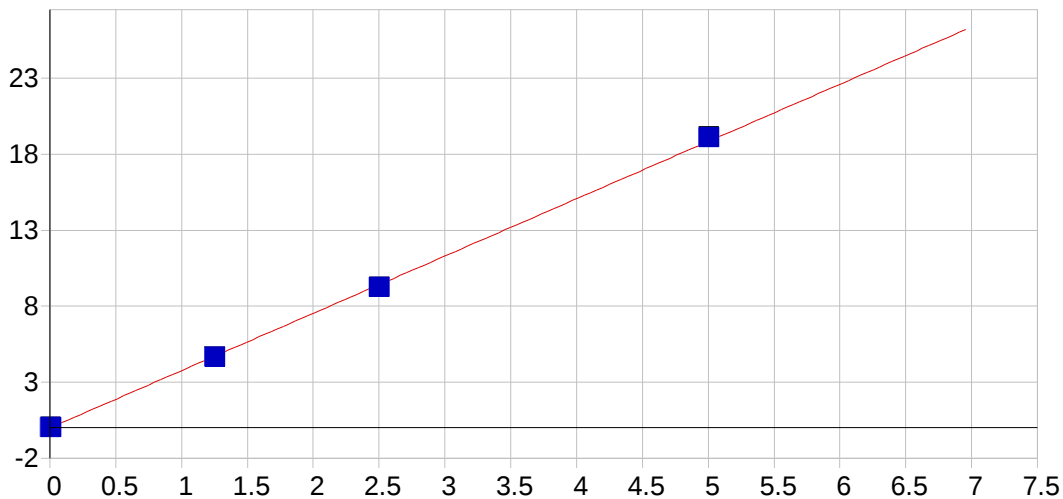
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000003 Re-Slope: 1.000000
 A1 (Gain): 1.178852 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000030
 Predicted MDL: 0.000055
 Predicted MQL: 0.000182

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.00600	.00636	.000	6.04	.00743	.000	1
S3	.12500	.12640	.001	1.12	.14808	.000	1
S4	.25000	.24754	-.002	-.985	.28996	.000	1
S5	.50000	.50070	.001	.140	.58654	.001	1



Cd 226.502 {449}

Date of Fit: 12/28/2018 18:40:22

Type of Fit: Linear

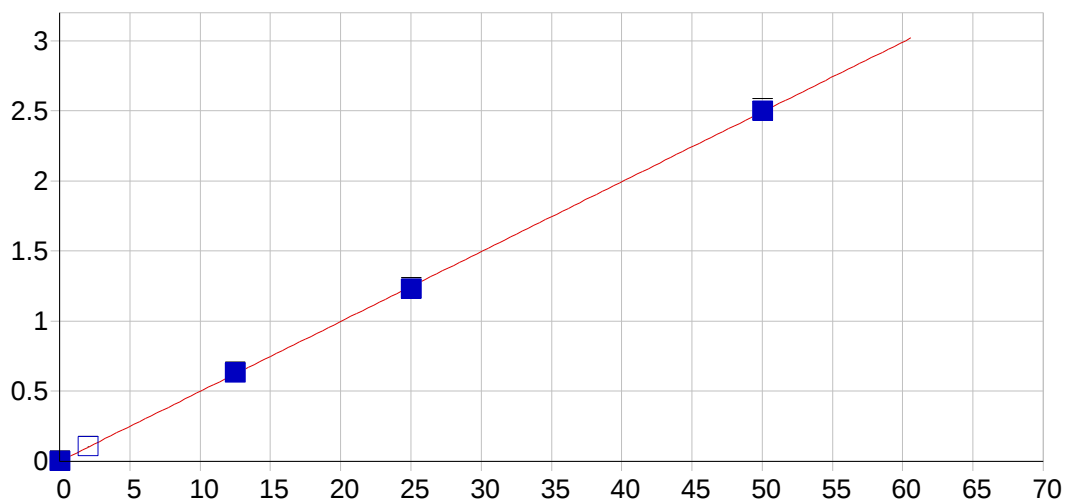
Weighting: 1/Conc

A0 (Offset): -0.001065
 A1 (Gain): 3.766508
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.000561
 Predicted MDL: 0.000073
 Predicted MQL: 0.000244

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	-.00106	.000	1
S1	.00600	.00606	.000	1.02	.02181	.000	1
S3	1.2500	1.2308	-.019	-1.53	4.6359	.005	1
S4	2.5000	2.4504	-.050	-1.98	9.2307	.016	1
S5	5.0000	5.0687	.069	1.37	19.094	.040	1

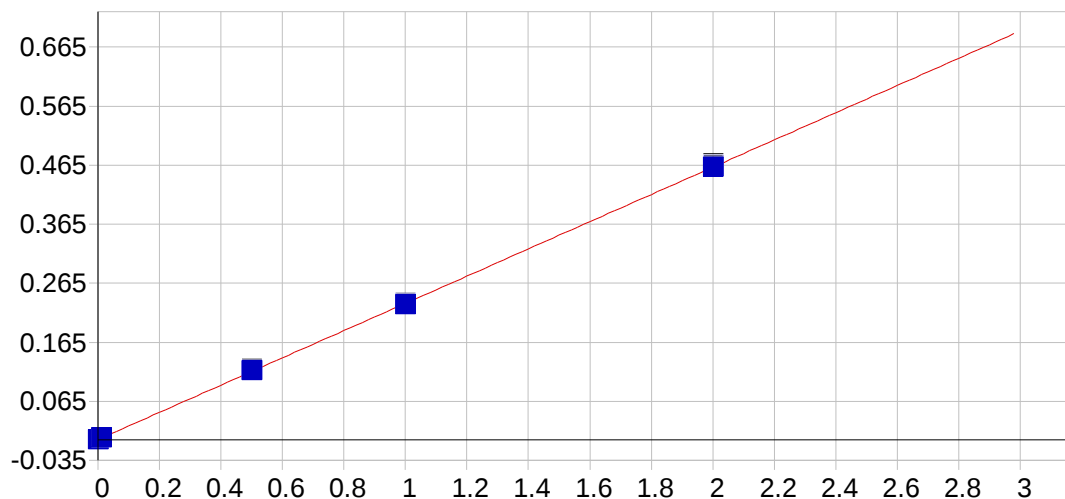


Ca 373.690 { 90}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000548 Re-Slope: 1.000000
 A1 (Gain): 0.049839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000322
 Predicted MDL: 0.015107
 Predicted MQL: 0.050356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1143	.114	5.72	.10592	.001	1
S0	.00000	-.00011	-.000	.000	.00054	.000	1
S3	12.500	12.619	.119	.954	.62981	.004	1
S4	25.000	24.659	-.341	-1.36	1.2302	.007	1
S5	50.000	50.107	.107	.214	2.4992	.016	1



Cr 267.716 {126}

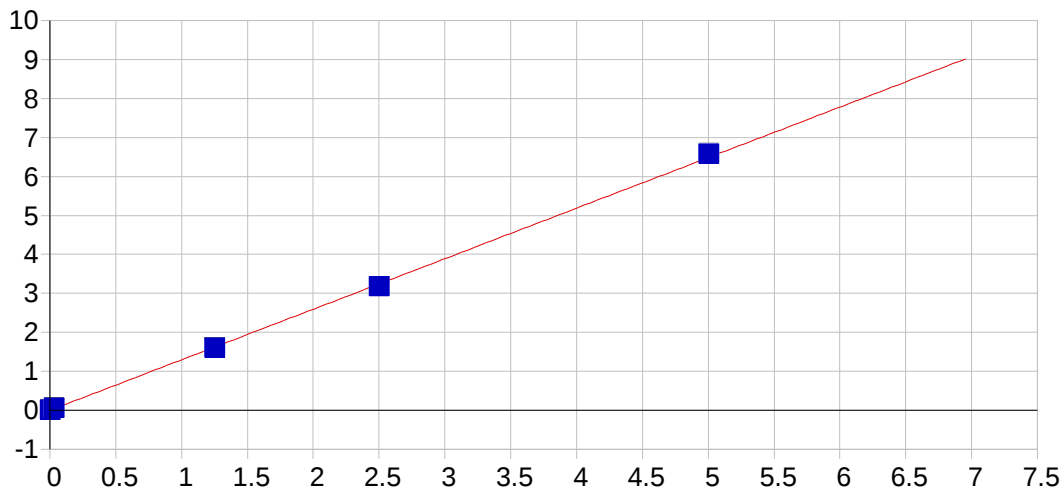
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000083 Re-Slope: 1.000000
 A1 (Gain): 0.230714 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000015
 Predicted MDL: 0.000357
 Predicted MQL: 0.001190

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01085	.001	8.51	.00260	.000	1
S3	.50000	.50693	.007	1.39	.11790	.001	1
S4	1.0000	.99071	-.009	-.929	.23038	.001	1
S5	2.0000	2.0015	.002	.076	.46531	.002	1



Co 228.616 {447}

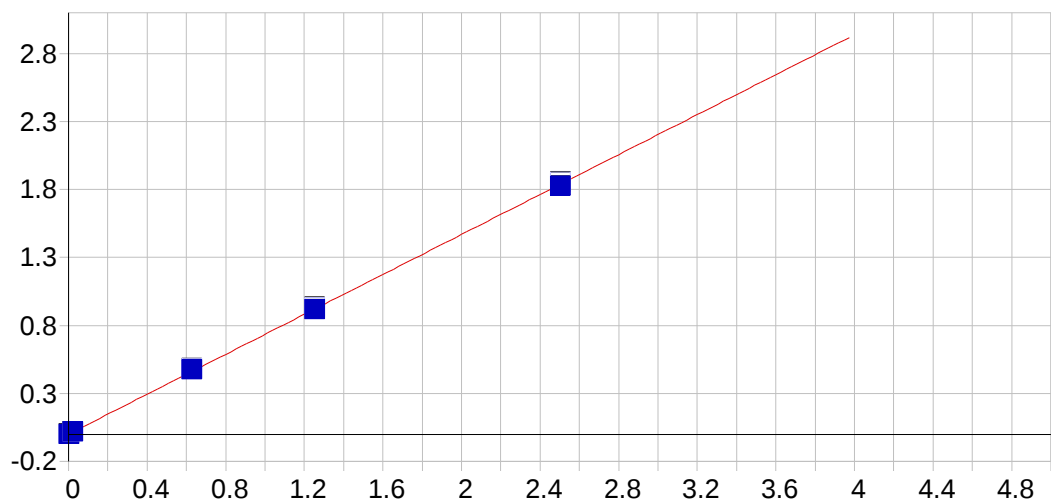
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000188
 A1 (Gain): 1.296489
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.000504
 Predicted MDL: 0.000193
 Predicted MQL: 0.000642

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	-.00019	.000	1
S1	.03000	.03357	.004	11.9	.04307	.000	1
S3	1.2500	1.2305	-.019	-1.56	1.5964	.002	1
S4	2.5000	2.4439	-.056	-2.24	3.1709	.004	1
S5	5.0000	5.0720	.072	1.44	6.5807	.009	1

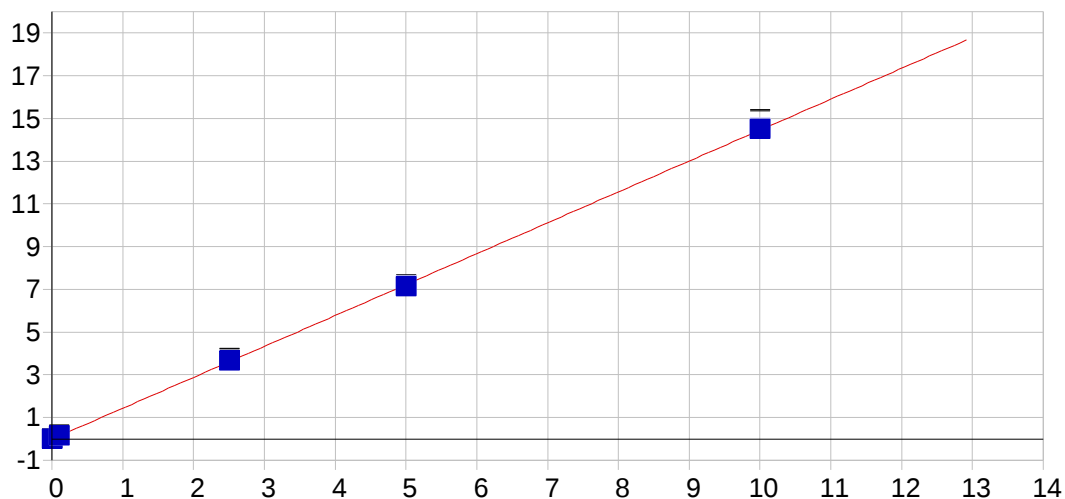


Cu 224.700 {450}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.734587 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.000415
 Predicted MQL: 0.001385

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02000	.02226	.002	11.3	.01652	.000	1
S3	.62500	.64426	.019	3.08	.48098	.000	1
S4	1.2500	1.2462	-.004	-.308	.93091	.001	1
S5	2.5000	2.4823	-.018	-.707	1.8546	.003	1



Fe 240.488 {140}

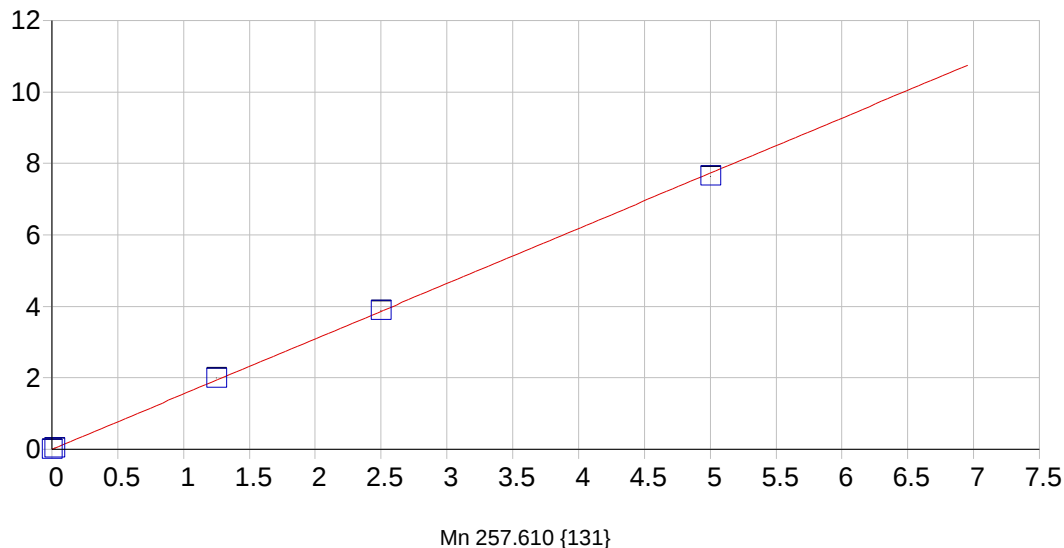
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010108 Re-Slope: 1.000000
 A1 (Gain): 1.446676 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000900
 Predicted MDL: 0.006958
 Predicted MQL: 0.023194

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01012	.006	1
S1	.10000	.11051	.011	10.5	.15046	.012	1
S3	2.5000	2.5308	.031	1.23	3.6693	.093	1
S4	5.0000	4.9370	-.063	-1.26	7.1685	.042	1
S5	10.000	10.022	.022	.217	14.561	.388	1



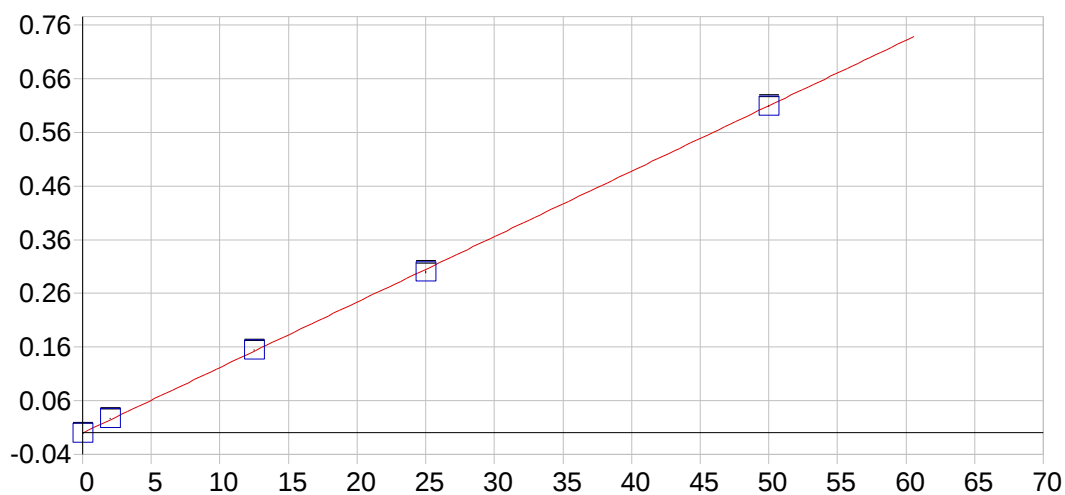
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000259
 A1 (Gain): 1.545212
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850
 Std Error of Est: 0.000458
 Predicted MDL: 0.000052
 Predicted MQL: 0.000172

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	.00025	.000	1
S1	.02000	.02333	.003	16.6	.03631	.000	1
S3	1.2500	1.2919	.042	3.35	1.9965	.003	1
S4	2.5000	2.5108	.011	.430	3.8799	.002	1
S5	5.0000	4.9440	-.056	-1.12	7.6398	.015	1

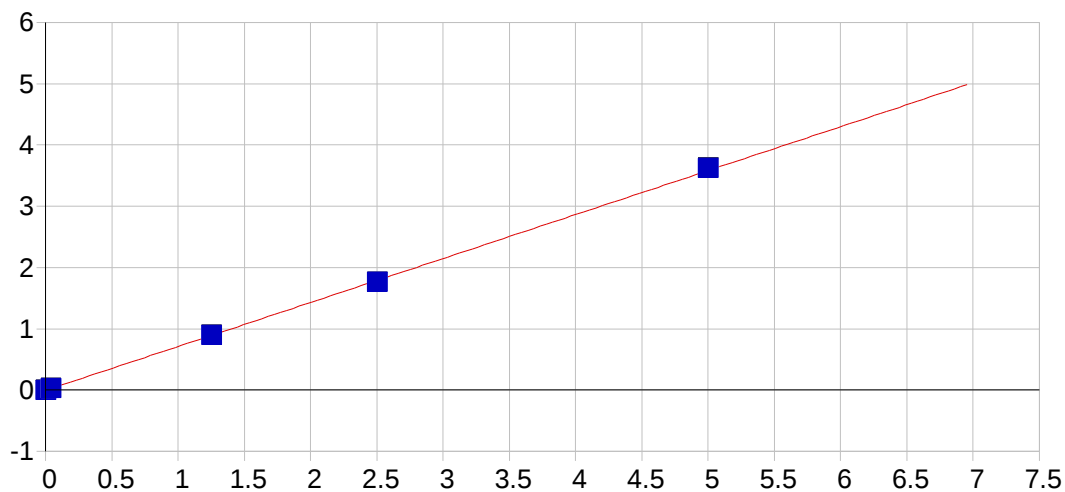


Mg 279.079 {121}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.012194 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.031991
 Predicted MQL: 0.106637

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1893	.189	9.46	.02664	.001	1
S0	.00000	-.00019	-.000	.000	-.00006	.000	1
S3	12.500	12.696	.196	1.57	.15475	.001	1
S4	25.000	24.643	-.357	-1.43	.30043	.002	1
S5	50.000	49.972	-.028	-.055	.60930	.002	1



Ni 231.604 {445}

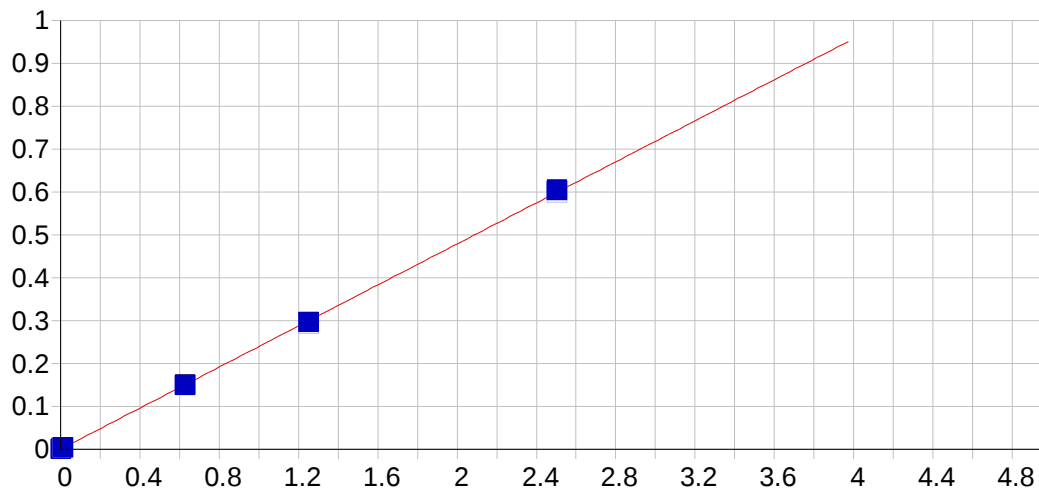
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006421 Re-Slope: 1.000000
 A1 (Gain): 0.717676 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000258
 Predicted MDL: 0.000365
 Predicted MQL: 0.001217

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00642	.000	1
S1	.04000	.04472	.005	11.8	.02569	.000	1
S3	1.2500	1.2461	-.004	-.313	.88884	.002	1
S4	2.5000	2.4520	-.048	-1.92	1.7553	.004	1
S5	5.0000	5.0472	.047	.944	3.6198	.008	1



Ag 328.068 {103}

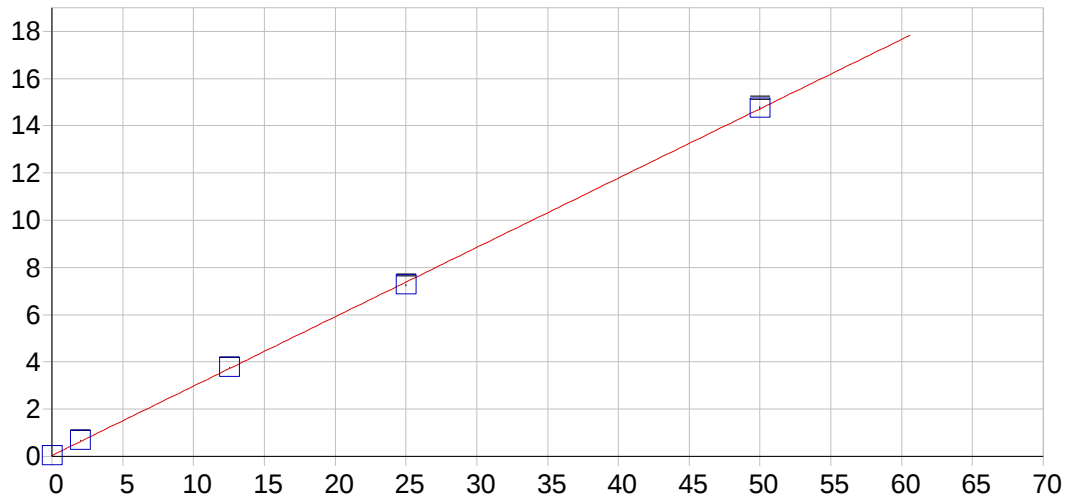
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000387
 A1 (Gain): 0.239299
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000021
 Predicted MDL: 0.000504
 Predicted MQL: 0.001681

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	.00039	.000	1
S1	.01000	.01025	.000	2.55	.00279	.000	1
S3	.62500	.62426	-.001	-.119	.14807	.000	1
S4	1.2500	1.2308	-.019	-1.53	.29153	.001	1
S5	2.5000	2.5197	.020	.787	.59655	.002	1

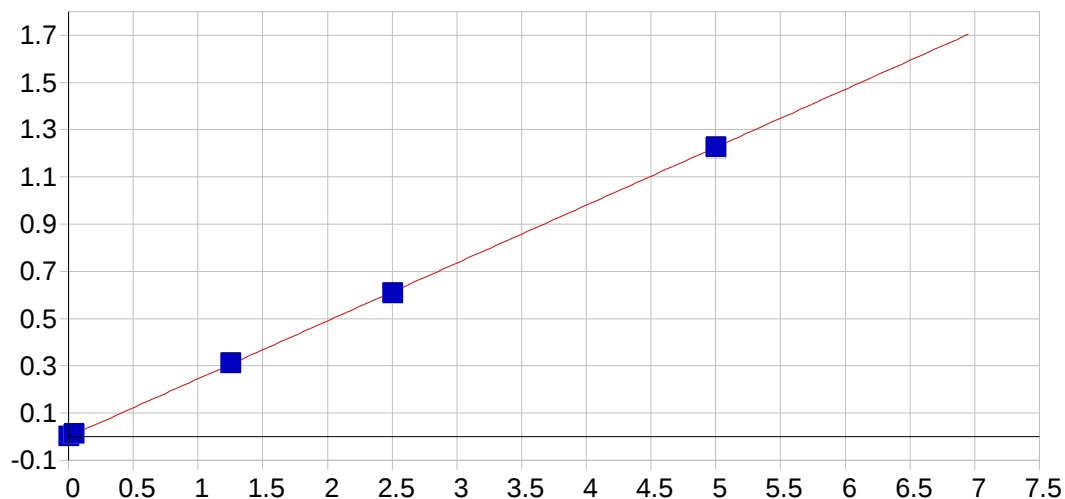


Na 589.592 { 57}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039687 Re-Slope: 1.000000
 A1 (Gain): 0.293708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.002416
 Predicted MDL: 0.008609
 Predicted MQL: 0.028698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1467	.147	7.34	.67019	.003	1
S0	.00000	-.00014	-.000	.000	.03964	.001	1
S3	12.500	12.664	.164	1.32	3.7593	.005	1
S4	25.000	24.577	-.423	-1.69	7.2582	.037	1
S5	50.000	50.112	.112	.223	14.758	.058	1



V 292.402 {115}

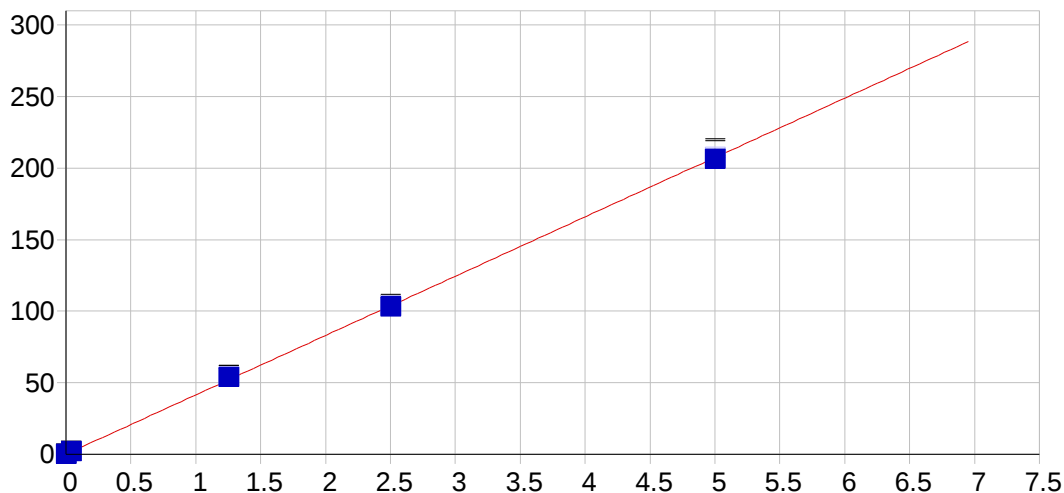
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.245196 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000079
 Predicted MDL: 0.000422
 Predicted MQL: 0.001405

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00007	.000	1
S1	.04000	.04672	.007	16.8	.01124	.000	1
S3	1.2500	1.2664	.016	1.31	.30844	.000	1
S4	2.5000	2.4770	-.023	-.921	.60328	.000	1
S5	5.0000	5.0000	-.000	-.000	1.2179	.000	1



Zn 206.200 {163}

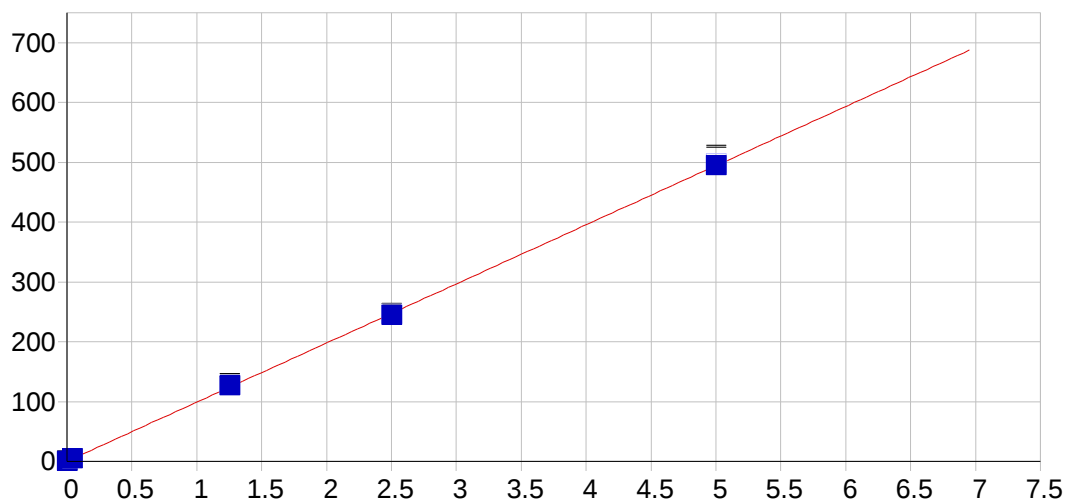
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.088422
 A1 (Gain): 41.473996
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.017738
 Predicted MDL: 0.000334
 Predicted MQL: 0.001112

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	.08813	.014	1
S1	.04000	.04616	.006	15.4	2.0136	.039	1
S3	1.2500	1.2929	.043	3.44	54.025	1.10	1
S4	2.5000	2.4824	-.018	-.703	103.67	.795	1
S5	5.0000	4.9685	-.032	-.631	207.40	5.85	1

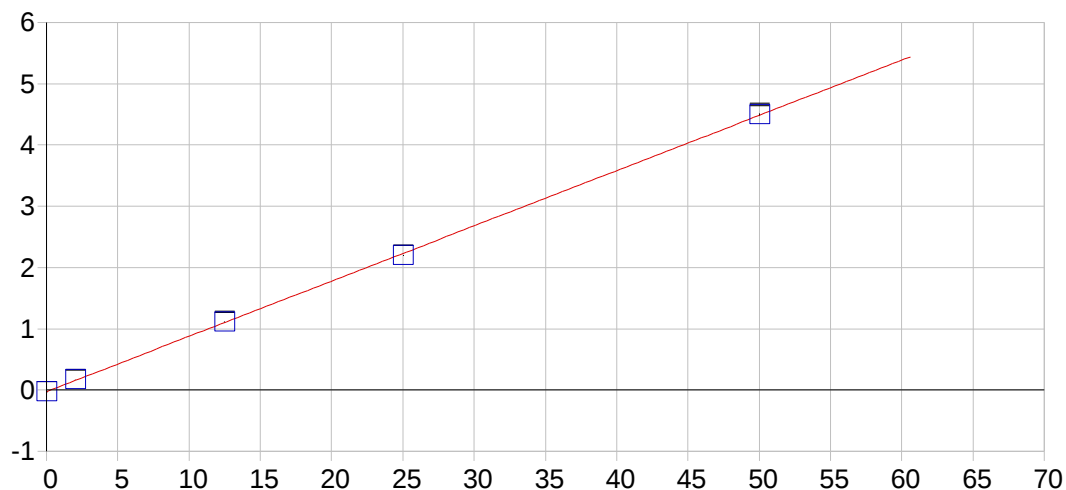


Zn 213.856 {458}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.153677 Re-Slope: 1.000000
 A1 (Gain): 98.859654 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.034087
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.15307	.006	1
S1	.04000	.04577	.006	14.4	4.7043	.056	1
S3	1.2500	1.2773	.027	2.18	127.17	2.71	1
S4	2.5000	2.4702	-.030	-1.19	245.85	1.64	1
S5	5.0000	4.9967	-.003	-.065	497.12	14.5	1



K 766.490 {44}

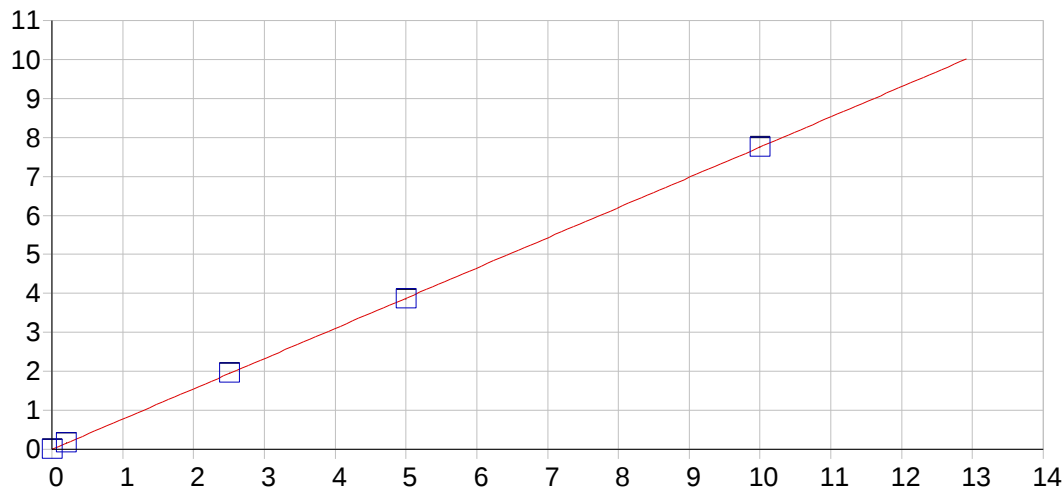
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.025128 Re-Slope: 1.000000
 A1 (Gain): 0.090177 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000596
 Predicted MDL: 0.030595
 Predicted MQL: 0.101983

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1205	.121	6.03	.16610	.002	1
S0	.00000	-.00011	-.000	.000	-.02514	.001	1
S3	12.500	12.596	.096	.771	1.1108	.006	1
S4	25.000	24.655	-.345	-1.38	2.1982	.004	1
S5	50.000	50.128	.128	.256	4.4953	.020	1



Mo 202.030 {467}

Date of Fit: 12/28/2018 18:40:22

Type of Fit: Linear

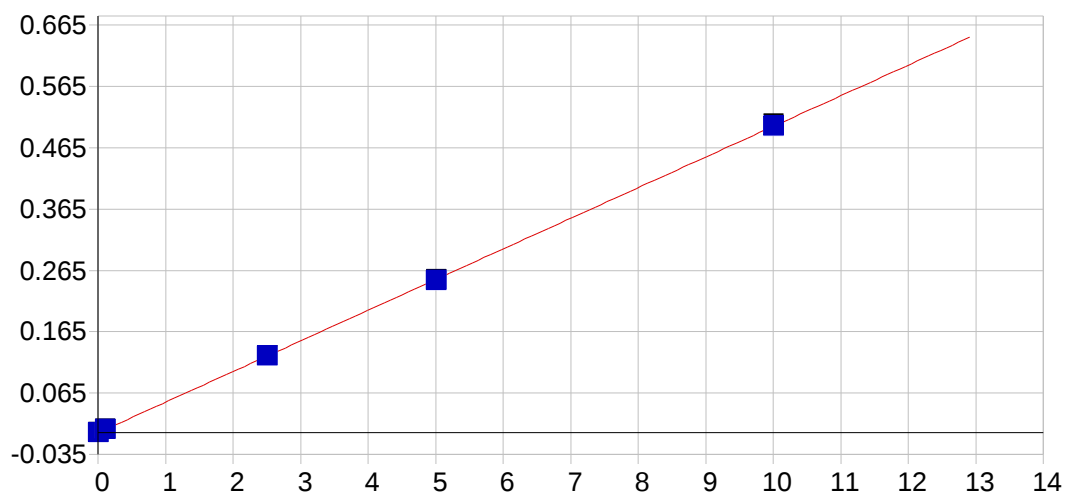
Weighting: 1/Conc

A0 (Offset): 0.000203
 A1 (Gain): 0.775164
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000363
 Predicted MDL: 0.000237
 Predicted MQL: 0.000789

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00020	.000	1
S1	.20000	.20606	.006	3.03	.15993	.001	1
S3	2.5000	2.5259	.026	1.04	1.9582	.000	1
S4	5.0000	4.9677	-.032	-.645	3.8510	.001	1
S5	10.000	10.000	.000	.003	7.7521	.016	1

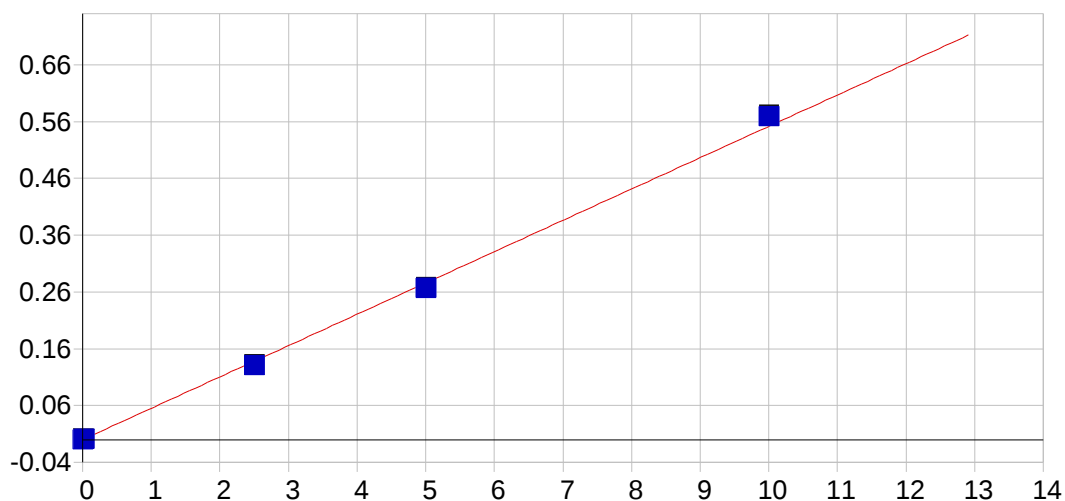


B 249.678 {135}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000202 Re-Slope: 1.000000
 A1 (Gain): 0.049964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.006634
 Predicted MQL: 0.022115

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.10000	.10405	.004	4.05	.00538	.000	1
S3	2.5000	2.5023	.002	.093	.12494	.001	1
S4	5.0000	4.9723	-.028	-.554	.24805	.002	1
S5	10.000	10.021	.021	.213	.49974	.002	1



S 182.034 {485}

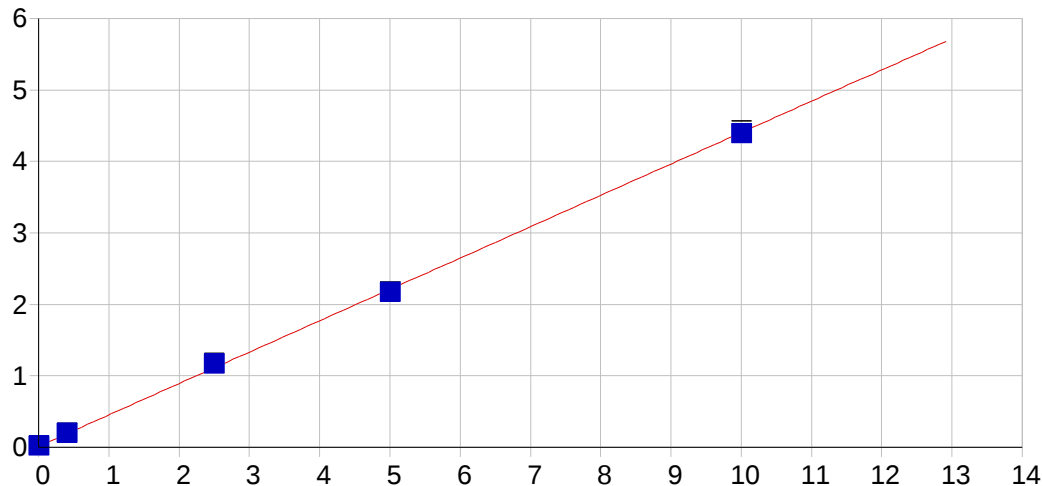
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.055160 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999332
 Std Error of Est: 0.000049
 Predicted MDL: 0.002458
 Predicted MQL: 0.008194

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.02000	.01838	-.002	-8.09	.00097	.000	1
S3	2.5000	2.3660	-.134	-5.36	.13035	.000	1
S4	5.0000	4.8228	-.177	-3.54	.26571	.001	1
S5	10.000	10.313	.313	3.13	.56823	.002	1



Si 288.158 {117}

Date of Fit: 12/28/2018 18:40:22

Type of Fit: Linear

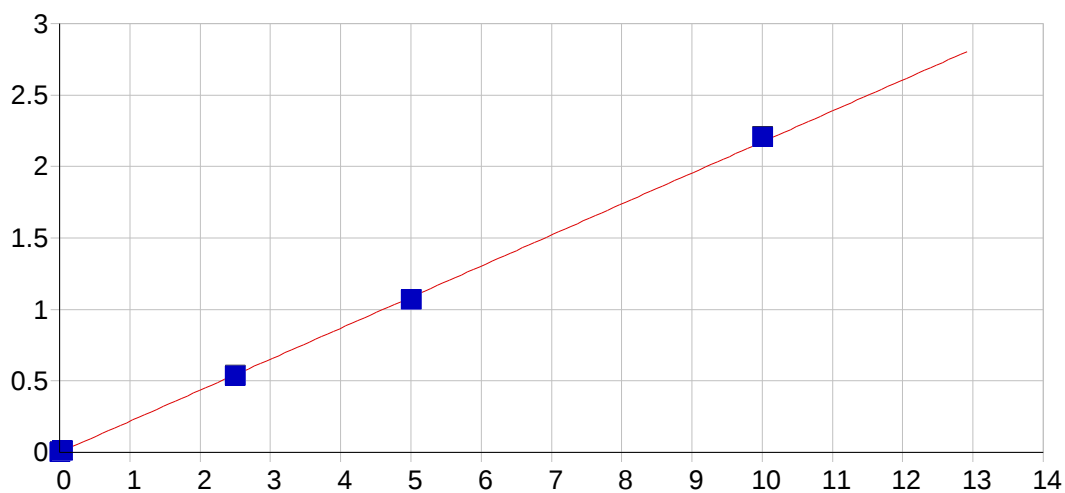
Weighting: 1/Conc

A0 (Offset): 0.015299
 A1 (Gain): 0.438796
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771
 Std Error of Est: 0.001024
 Predicted MDL: 0.002140
 Predicted MQL: 0.007132

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01529	.001	1
S1	.40000	.40451	.005	1.13	.19265	.002	1
S3	2.5000	2.6242	.124	4.97	1.1662	.010	1
S4	5.0000	4.9037	-.096	-1.93	2.1658	.013	1
S5	10.000	9.9676	-.032	-.324	4.3867	.034	1

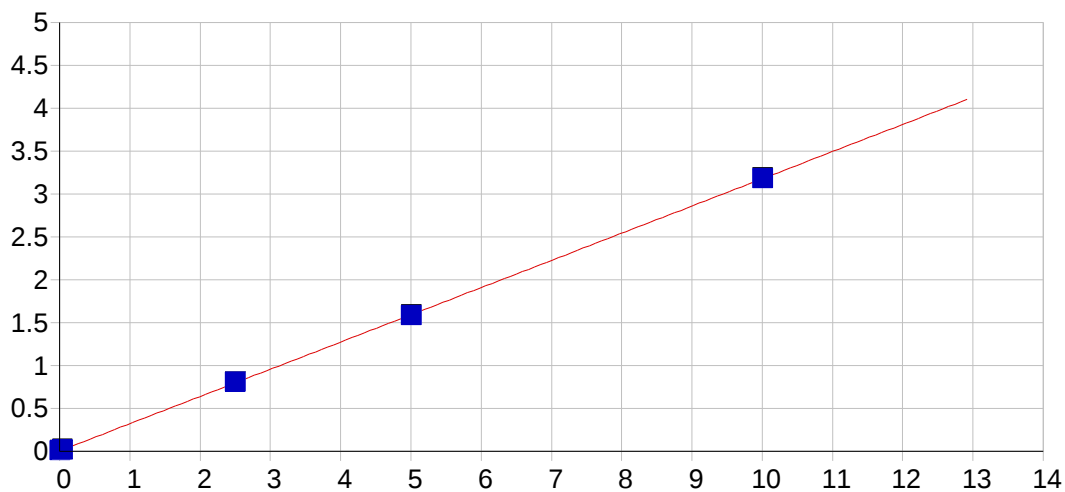


Sn 189.989 {477}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000755 Re-Slope: 1.000000
 A1 (Gain): 0.217094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000566
 Predicted MQL: 0.001885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00076	.000	1
S1	.04000	.04108	.001	2.69	.00967	.000	1
S3	2.5000	2.4602	-.040	-1.59	.53495	.000	1
S4	5.0000	4.8955	-.105	-2.09	1.0637	.001	1
S5	10.000	10.143	.143	1.43	2.2032	.003	1



Ti 336.121 {100}

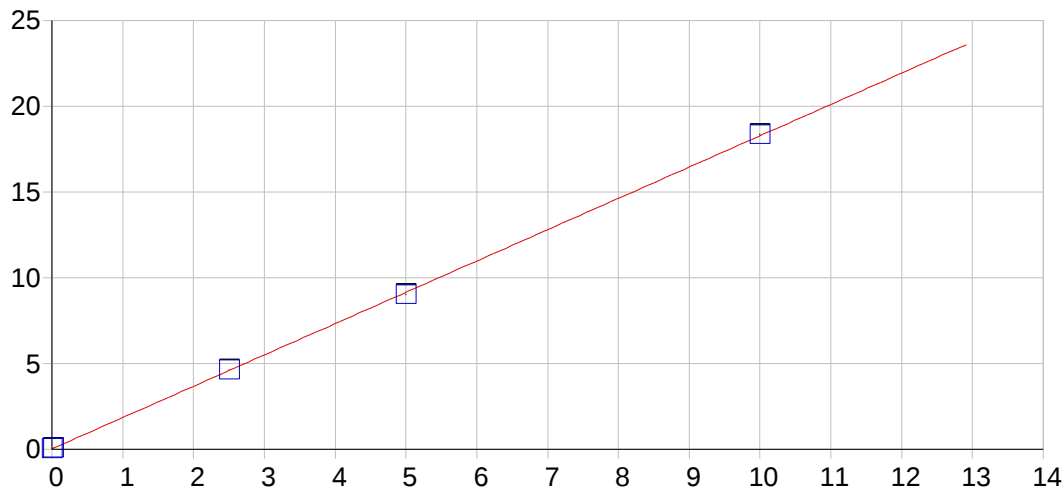
Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005159 Re-Slope: 1.000000
 A1 (Gain): 0.317237 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000053
 Predicted MDL: 0.001719
 Predicted MQL: 0.005729

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00516	.000	1
S1	.04000	.04173	.002	4.32	.01839	.001	1
S3	2.5000	2.5239	.024	.957	.80574	.002	1
S4	5.0000	4.9764	-.024	-.473	1.5836	.005	1
S5	10.000	9.9980	-.002	-.020	3.1765	.010	1



Date of Fit: 12/28/2018 18:40:22

Type of Fit: Linear

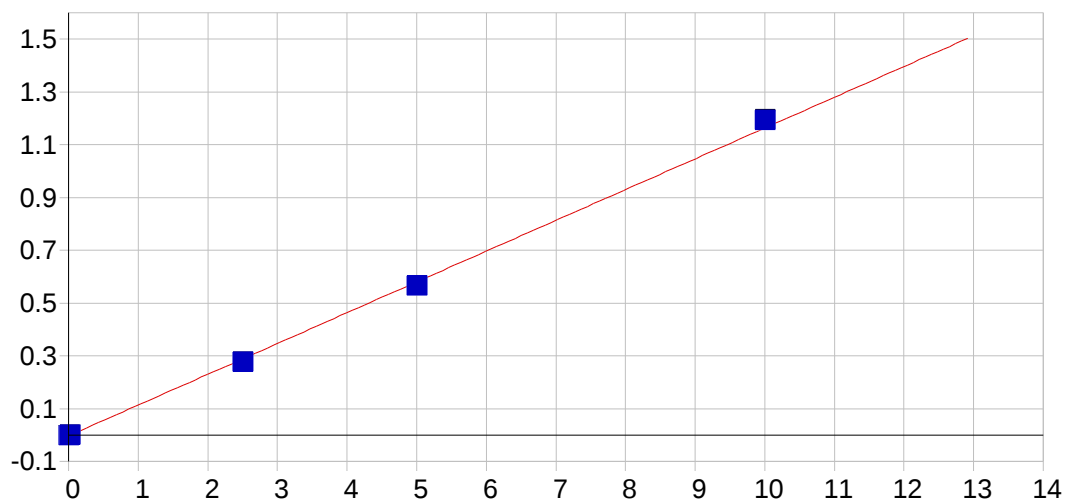
Weighting: 1/Conc

A0 (Offset): 0.024407
 A1 (Gain): 1.825643
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000393
 Predicted MDL: 0.001437
 Predicted MQL: 0.004789

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	.02441	.003	1
S1	.02000	.01996	-.000	-.216	.06084	.001	1
S3	2.5000	2.5271	.027	1.08	4.6380	.011	1
S4	5.0000	4.9319	-.068	-1.36	9.0283	.033	1
S5	10.000	10.041	.041	.410	18.356	.042	1

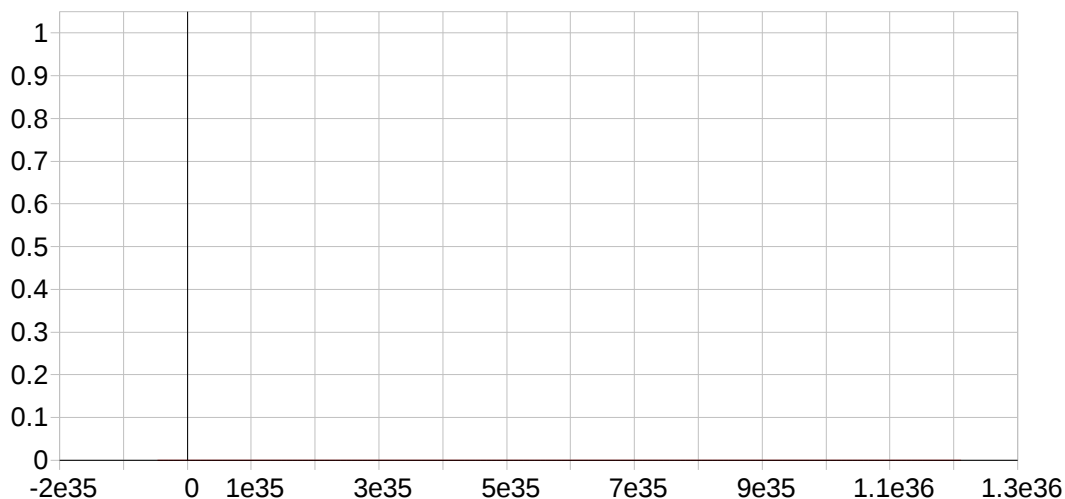


P 177.495 {490}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003011 Re-Slope: 1.000000
 A1 (Gain): 0.116596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999573 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.001166
 Predicted MQL: 0.003888

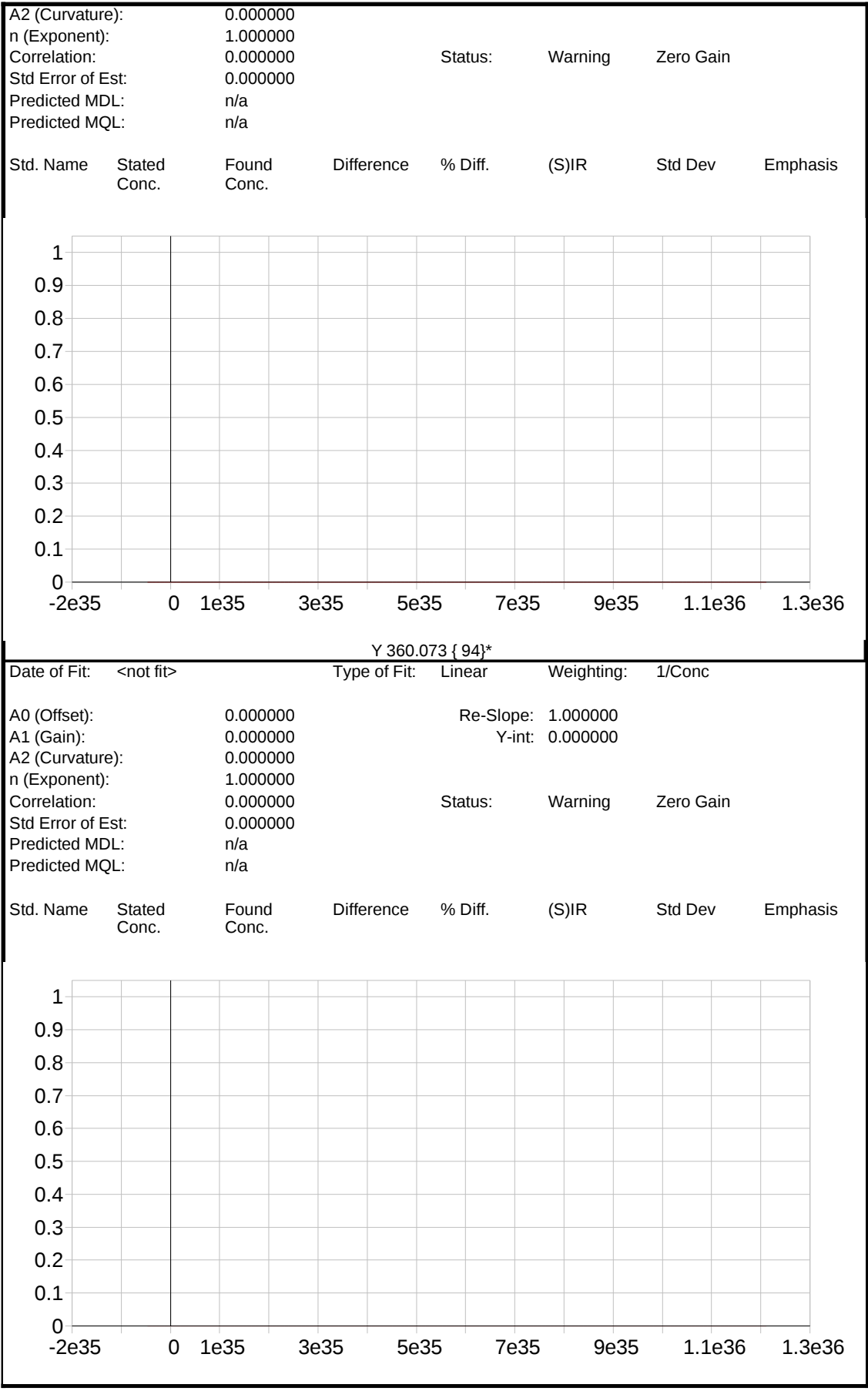
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00301	.000	1
S1	.02000	.01799	-.002	-10.1	-.00092	.000	1
S3	2.5000	2.3893	-.111	-4.43	.27515	.001	1
S4	5.0000	4.8645	-.136	-2.71	.56333	.001	1
S5	10.000	10.248	.248	2.48	1.1902	.003	1

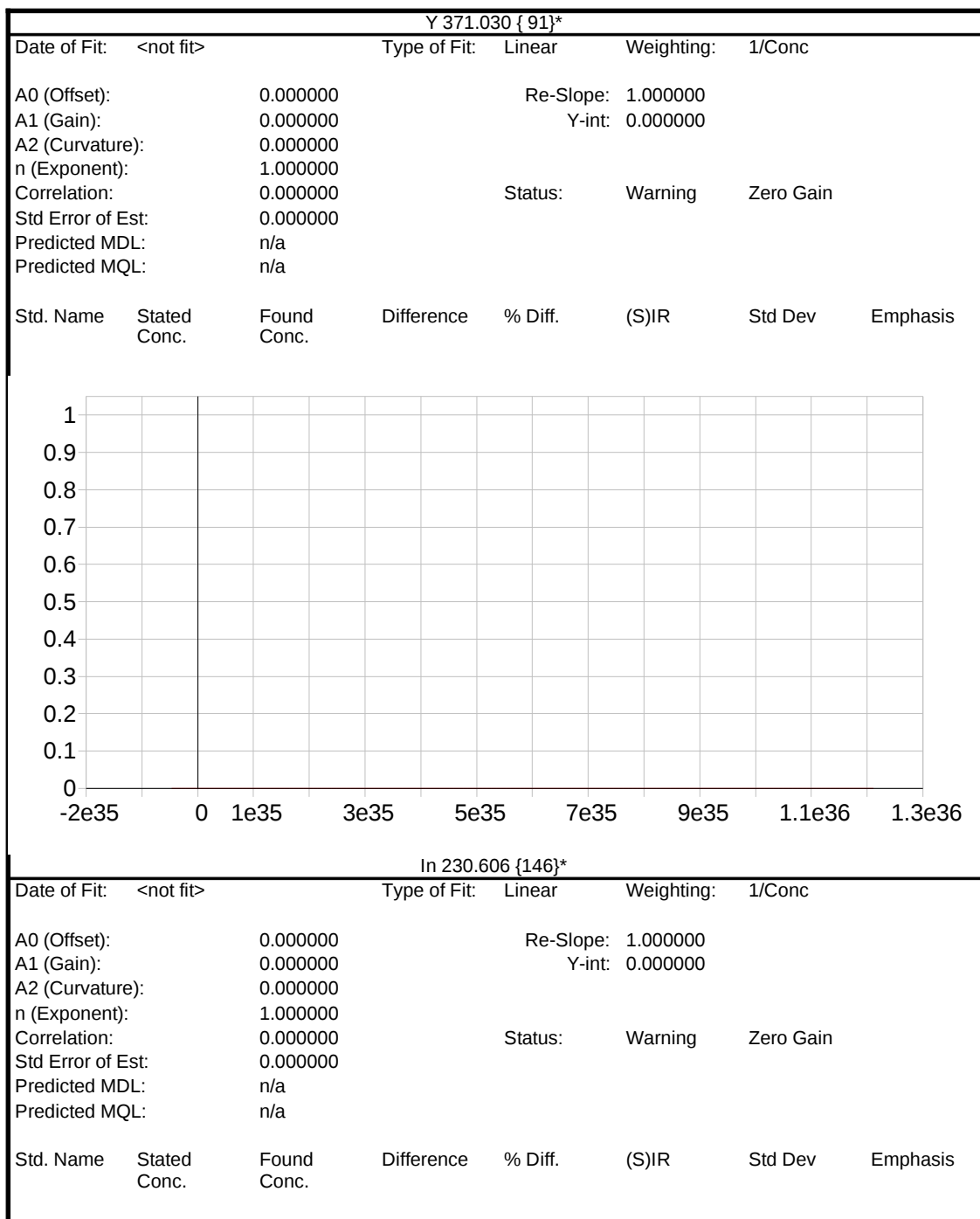


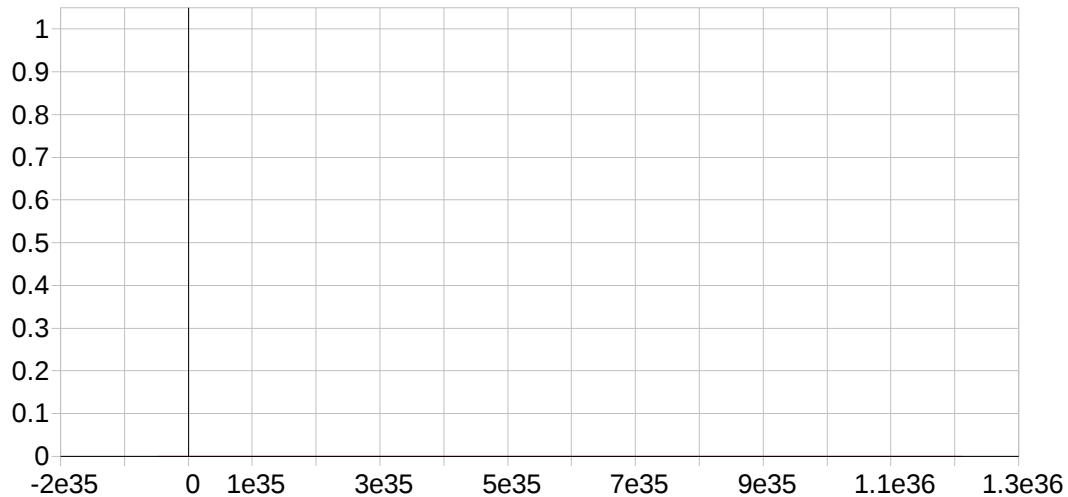
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

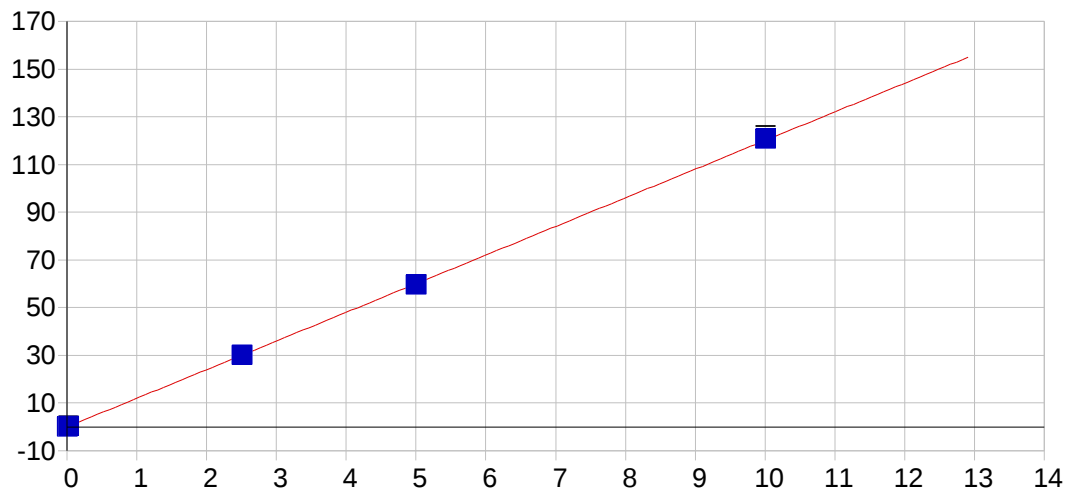
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 12/28/2018 18:40:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005327

Re-Slope: 1.000000

A1 (Gain): 12.004950

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999977

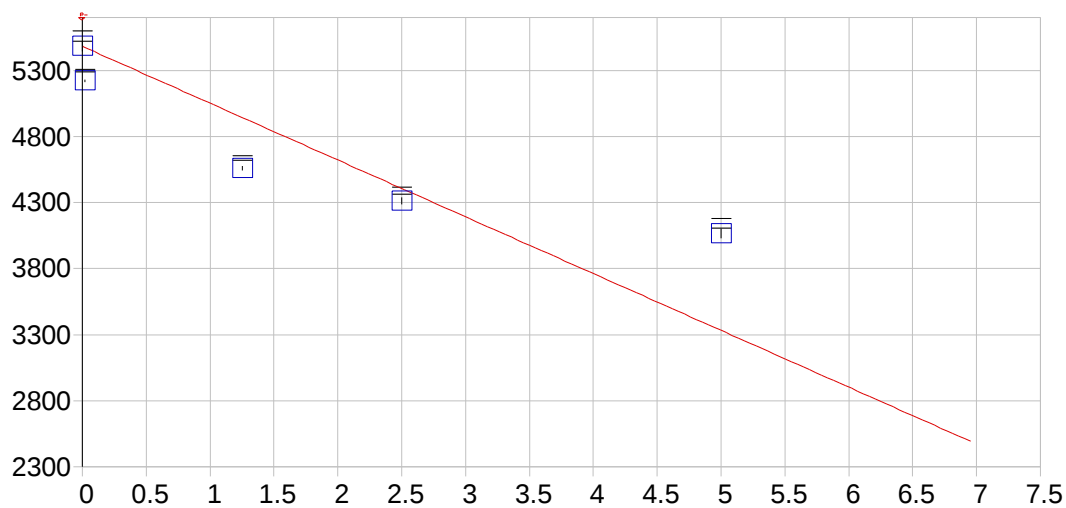
Status: OK.

Std Error of Est: 0.001984

Predicted MDL: 0.000086

Predicted MQL: 0.000285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00532	.000	1
S1	.02000	.01979	-.000	-1.07	.23352	.001	1
S3	2.5000	2.5071	.007	.286	30.126	.106	1
S4	5.0000	4.9462	-.054	-1.08	59.440	.102	1
S5	10.000	10.047	.047	.468	120.74	1.22	1

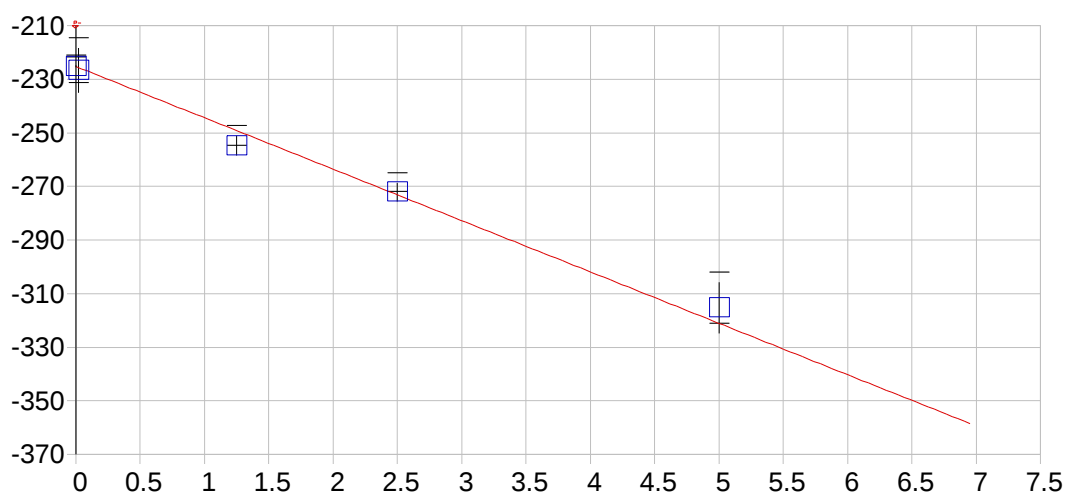


U 367.007 { 92 }

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5481.398654 Re-Slope: 1.000000
A1 (Gain): -429.882283 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.567898 Status: Warning Negative Gain
Std Error of Est: 10.647288
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00060	-.001	.000	5481.7	39.4	1
S1	.02000	.60587	.586	2930.	5220.9	7.77	1
S3	1.2500	2.1464	.896	71.7	4558.7	18.1	1
S4	2.5000	2.7211	.221	8.84	4311.7	26.9	1
S5	5.0000	3.2967	-1.70	-34.1	4064.2	37.2	1



U 385.958 { 87}

Date of Fit: 12/28/2018 18:40:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -225.242133 Re-Slope: 1.000000

A1 (Gain): -19.168322 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.986273

Status: Warning Negative Gain

Std Error of Est: 0.054840

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	-225.24	.343	1
S1	.02000	.07605	.056	280.	-226.70	8.45	1
S3	1.2500	1.5448	.295	23.6	-254.85	3.67	1
S4	2.5000	2.4489	-.051	-2.04	-272.18	3.41	1
S5	5.0000	4.7002	-.300	-6.00	-315.34	9.56	1

Sample Name: S0 Acquired: 12/28/2018 11:28:24 Type: Cal
Method: P4-ICP2(v2688) 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	.00003	-.00098	.00321	-.00023	.00052	-.00004	.09807	.00000
Stddev	.00004	.00010	.00012	.00016	.00039	.00006	.00453	.00008
%RSD	125.90	10.147	3.6250	70.569	74.986	155.52	4.6158	3035.0

#1	-.00001	-.00088	.00332	-.00015	.00079	-.00011	.10154	.00001
#2	.00006	-.00107	.00309	-.00042	.00007	-.00004	.09972	-.00008
#3	.00005	-.00098	.00323	-.00013	.00070	.00002	.09295	.00008

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	-.00106	.00054	.00008	-.00019	-.00008	-.01012	.00025	-.00006
Stddev	.00025	.00028	.00009	.00013	.00027	.00621	.00002	.00035
%RSD	23.712	51.106	102.53	68.367	347.16	61.381	8.1195	602.39

#1	-.00104	.00065	.00012	-.00033	-.00039	-.01420	.00025	.00035
#2	-.00083	.00075	.00015	-.00019	.00012	-.00297	.00028	-.00028
#3	-.00133	.00023	-.00001	-.00006	.00003	-.01320	.00024	-.00024

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	-.00642	.00039	.03964	-.00007	.15307	-.02514	.00020	.00020
Stddev	.00006	.00013	.00101	.00001	.00573	.00089	.00006	.00024
%RSD	.99320	32.850	2.5388	19.359	3.7451	3.5270	29.003	121.07

#1	-.00640	.00048	.03852	-.00007	.15886	-.02422	.00015	.00034
#2	-.00650	.00044	.03995	-.00005	.15296	-.02599	.00018	-.00008
#3	-.00637	.00024	.04047	-.00008	.14740	-.02521	.00026	.00035

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	-.00001	.01529	.00076	.00516	.02441	-.0030	-.00532	5481.7
Stddev	.00010	.00063	.00008	.00022	.00308	.0000	.00041	39.4
%RSD	1041.3	4.1448	10.928	4.3499	12.628	.1966	7.6916	.71826

#1	-.00013	.01590	.00084	.00507	.02630	-.0030	-.00495	5488.1
#2	.00004	.01534	.00076	.00500	.02607	-.0030	-.00576	5439.5
#3	.00006	.01464	.00067	.00541	.02085	-.0030	-.00525	5517.4

Sample Name: S0 Acquired: 12/28/2018 11:28:24 Type: Cal
Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-225.24
Stddev	.34
%RSD	.15217

#1	-225.61
#2	-225.18
#3	-224.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.3	49717.	4575.0	106.70	4111.0
Stddev	20.5	181.	39.9	.55	29.2
%RSD	.54860	.36398	.87180	.51571	.71014

#1	3720.0	49562.	4529.5	106.23	4086.3
#2	3734.4	49673.	4591.5	106.57	4103.6
#3	3760.5	49916.	4603.9	107.31	4143.2

Sample Name: S1 Acquired: 12/28/2018 11:32:31 Type: Cal
Method: P4-ICP2(v2688) 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	.00132	.00724	.00720	.00156	.00968	.00094	.66845	.00743
Stddev	.00010	.00016	.00018	.00016	.00022	.00005	.00399	.00008
%RSD	7.7260	2.1751	2.5248	10.044	2.3091	4.9681	.59761	1.1339
#1	.00138	.00712	.00703	.00162	.00950	.00089	.67009	.00751
#2	.00138	.00718	.00739	.00169	.00960	.00098	.66390	.00734
#3	.00121	.00742	.00719	.00139	.00993	.00095	.67137	.00744
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	.02181	.00260	.04307	.01652	.15046	.03631	.02569	.00279
Stddev	.00013	.00008	.00004	.00011	.01152	.00004	.00018	.00003
%RSD	.61734	3.1707	.09500	.63851	7.6577	.10132	.71777	1.2146
#1	.02187	.00261	.04304	.01645	.14311	.03632	.02549	.00278
#2	.02165	.00251	.04312	.01664	.14453	.03634	.02572	.00277
#3	.02190	.00267	.04306	.01646	.16374	.03627	.02586	.00283
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	.01124	4.7043	.15993	.00538	.00097	.19265	.00967	.01839
Stddev	.00012	.0563	.00052	.00018	.00006	.00222	.00009	.00052
%RSD	1.0894	1.1958	.32573	3.3067	6.0482	1.1529	.91126	2.8403
#1	.01128	4.6906	.16010	.00522	.00091	.19411	.00968	.01780
#2	.01134	4.6562	.15935	.00557	.00103	.19374	.00958	.01878
#3	.01110	4.7662	.16035	.00535	.00098	.19009	.00975	.01859
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.06084	-.0009	.23352	5220.9	-226.70			
Stddev	.00139	.0001	.00078	7.8	8.45			
%RSD	2.2911	5.567	.33439	.14881	3.7254			
#1	.06205	-.0009	.23264	5227.1	-227.93			
#2	.06116	-.0009	.23379	5212.2	-234.46			
#3	.05932	-.0010	.23413	5223.5	-217.71			

Sample Name: S1 Acquired: 12/28/2018 11:32:31 Type: Cal
Method: P4-ICP2(v2688) 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	3666.1	49025.	4536.2	106.17	4039.4
Stddev	5.5	80.	12.0	1.13	8.2
%RSD	.14968	.16274	.26466	1.0628	.20206
#1	3660.0	48973.	4522.4	106.27	4032.9
#2	3670.7	49117.	4544.1	107.24	4036.7
#3	3667.5	48986.	4542.1	104.99	4048.6

Sample Name: S2 Acquired: 12/28/2018 11:37:10 Type: Cal
Method: P4-ICP2(v2688) 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	.10592	.02664	.67019	.16610
Stddev	.00121	.00086	.00263	.00171
%RSD	1.1394	3.2270	.39274	1.0290

#1	.10514	.02758	.66724	.16415
#2	.10532	.02590	.67231	.16737
#3	.10731	.02644	.67103	.16676

Int. Std.	Y_3710
Units	Cts/S
Avg	4507.5
Stddev	28.8
%RSD	.63832

#1	4489.6
#2	4540.7
#3	4492.3

Sample Name: S3 Acquired: 12/28/2018 11:41:05 Type: Cal
Method: P4-ICP2(v2688) 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	.17010	.44811	.81471	.19386	.41465	.04230	26.329	.14808
Stddev	.00014	.00026	.00041	.00059	.00049	.00033	.027	.00013
%RSD	.07939	.05905	.04992	.30364	.11787	.77312	.10233	.08642
#1	.17025	.44838	.81498	.19346	.41517	.04195	26.298	.14812
#2	.17006	.44786	.81424	.19359	.41420	.04261	26.349	.14794
#3	.16999	.44809	.81492	.19454	.41457	.04233	26.339	.14819
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6359	.62981	.11790	1.5964	.48098	3.6693	1.9965	.15475
Stddev	.0055	.00433	.00069	.0022	.00041	.0925	.0035	.00130
%RSD	.11852	.68683	.58694	.13970	.08571	2.5212	.17311	.83699
#1	4.6327	.62501	.11727	1.5944	.48143	3.7708	1.9926	.15384
#2	4.6328	.63100	.11780	1.5961	.48087	3.6474	1.9981	.15419
#3	4.6423	.63341	.11864	1.5988	.48063	3.5897	1.9989	.15623
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	.88884	.14807	3.7593	.30844	127.17	1.1108	1.9582	.12494
Stddev	.00192	.00020	.0049	.00040	2.71	.0060	.0002	.00067
%RSD	.21558	.13409	.13094	.13044	2.1273	.54359	.00860	.53648
#1	.88833	.14813	3.7546	.30798	129.77	1.1054	1.9582	.12423
#2	.88724	.14824	3.7645	.30875	127.38	1.1096	1.9583	.12503
#3	.89097	.14785	3.7589	.30859	124.37	1.1173	1.9580	.12556
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	.13035	1.1662	.53495	.80574	4.6380	.2751	30.126	4558.7
Stddev	.00040	.0103	.00026	.00239	.0113	.0010	.106	18.1
%RSD	.30815	.88701	.04946	.29713	.24426	.3485	.35097	.39746
#1	.13080	1.1592	.53464	.80847	4.6311	.2750	30.029	4577.1
#2	.13022	1.1613	.53512	.80480	4.6318	.2743	30.109	4540.9
#3	.13002	1.1781	.53508	.80396	4.6511	.2762	30.239	4558.2

Sample Name: S3 Acquired: 12/28/2018 11:41:05 Type: Cal
 Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-254.85
Stddev	3.67
%RSD	1.4403

#1	-259.07
#2	-253.10
#3	-252.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3519.3	46977.	4436.8	101.41	3728.6
Stddev	1.7	122.	8.7	2.20	3.0
%RSD	.04831	.26030	.19572	2.1711	.08151

#1	3518.1	47006.	4444.7	99.269	3729.1
#2	3521.2	46843.	4438.3	101.29	3731.4
#3	3518.5	47082.	4427.5	103.67	3725.3

Sample Name: S4 Acquired: 12/28/2018 11:44:46 Type: Cal
Method: P4-ICP2(v2688) 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	.33770	.88039	1.6135	.38208	.81972	.08472	51.578	.28996
Stddev	.00085	.00192	.0025	.00005	.00143	.00034	.197	.00037
%RSD	.25302	.21792	.15723	.01378	.17464	.40356	.38226	.12719
#1	.33716	.88261	1.6145	.38210	.81929	.08503	51.366	.29036
#2	.33724	.87928	1.6155	.38212	.81856	.08435	51.756	.28963
#3	.33868	.87929	1.6107	.38202	.82132	.08477	51.612	.28989
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	9.2307	1.2302	.23038	3.1709	.93091	7.1685	3.8799	.30043
Stddev	.0160	.0068	.00073	.0042	.00133	.0418	.0023	.00235
%RSD	.17354	.55293	.31834	.13334	.14264	.58345	.06037	.78137
#1	9.2463	1.2367	.22953	3.1709	.93217	7.2083	3.8776	.29813
#2	9.2314	1.2231	.23075	3.1751	.92952	7.1725	3.8823	.30035
#3	9.2143	1.2308	.23085	3.1667	.93103	7.1249	3.8799	.30282
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	1.7553	.29153	7.2582	.60328	245.85	2.1982	3.8510	.24805
Stddev	.0043	.00107	.0373	.00038	1.64	.0040	.0013	.00179
%RSD	.24681	.36874	.51405	.06278	.66775	.18361	.03261	.72356
#1	1.7586	.29044	7.2152	.60288	247.04	2.1935	3.8496	.24800
#2	1.7568	.29156	7.2785	.60332	246.54	2.2006	3.8514	.24629
#3	1.7504	.29259	7.2810	.60363	243.98	2.2004	3.8521	.24987
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	.26571	2.1658	1.0637	1.5836	9.0283	.5633	59.440	4311.7
Stddev	.00109	.0130	.0009	.0053	.0333	.0009	.102	26.9
%RSD	.40917	.59957	.08552	.33523	.36895	.1685	.17227	.62289
#1	.26695	2.1535	1.0641	1.5813	8.9954	.5644	59.360	4340.6
#2	.26492	2.1646	1.0644	1.5799	9.0620	.5631	59.555	4306.7
#3	.26525	2.1794	1.0627	1.5897	9.0275	.5625	59.404	4287.6

Sample Name: S4 Acquired: 12/28/2018 11:44:46 Type: Cal
 Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-272.18
Stddev	3.41
%RSD	1.2525

#1	-275.89
#2	-269.18
#3	-271.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.7	45921.	4423.7	100.49	3568.1
Stddev	.8	85.	9.3	.70	7.1
%RSD	.02463	.18518	.21029	.69659	.19980

#1	3438.3	45939.	4433.1	99.955	3562.3
#2	3438.2	45829.	4423.3	100.23	3565.9
#3	3439.7	45996.	4414.6	101.28	3576.0

Sample Name: S5 Acquired: 12/28/2018 11:48:26 Type: Cal
Method: P4-ICP2(v2688) 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	.69155	1.7856	3.3289	.77500	1.6700	.17468	104.25	.58654
Stddev	.00201	.0040	.0061	.00175	.0038	.00059	.46	.00057
%RSD	.29088	.22414	.18228	.22553	.22998	.33590	.43685	.09673
#1	.69338	1.7901	3.3340	.77669	1.6739	.17535	104.77	.58719
#2	.69186	1.7825	3.3222	.77510	1.6699	.17435	103.97	.58611
#3	.68940	1.7842	3.3306	.77320	1.6662	.17433	104.00	.58634
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	19.094	2.4992	.46531	6.5807	1.8546	14.561	7.6398	.60930
Stddev	.040	.0158	.00156	.0089	.0031	.388	.0153	.00208
%RSD	.20842	.63208	.33613	.13548	.16467	2.6623	.20026	.34217
#1	19.139	2.4836	.46650	6.5898	1.8573	14.153	7.6536	.60699
#2	19.061	2.4988	.46354	6.5720	1.8550	14.605	7.6234	.60986
#3	19.083	2.5151	.46588	6.5803	1.8513	14.924	7.6424	.61105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6198	.59655	14.758	1.2179	497.12	4.4953	7.7521	.49974
Stddev	.0076	.00162	.058	.0003	14.54	.0198	.0165	.00234
%RSD	.21073	.27105	.39452	.02240	2.9255	.43999	.21233	.46798
#1	3.6274	.59595	14.765	1.2182	481.62	4.4833	7.7622	.49953
#2	3.6122	.59533	14.696	1.2178	499.26	4.4844	7.7610	.49751
#3	3.6197	.59839	14.812	1.2177	510.47	4.5181	7.7331	.50218
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	.56823	4.3867	2.2032	3.1765	18.356	1.190	120.74	4064.2
Stddev	.00213	.0345	.0034	.0102	.042	.003	1.22	37.2
%RSD	.37434	.78602	.15600	.32073	.23113	.2132	1.0119	.91643
#1	.57066	4.3578	2.2065	3.1821	18.346	1.193	119.39	4070.0
#2	.56675	4.3776	2.2034	3.1647	18.319	1.189	121.76	4098.2
#3	.56726	4.4249	2.1996	3.1826	18.402	1.188	121.07	4024.4

Sample Name: S5 Acquired: 12/28/2018 11:48:26 Type: Cal
Method: P4-ICP2(v2688) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-315.34
Stddev	9.56
%RSD	3.0314

#1	-304.51
#2	-322.60
#3	-318.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.1	44519.	4334.4	96.653	3325.9
Stddev	14.0	78.	12.1	2.724	9.4
%RSD	.42134	.17454	.27850	2.8187	.28176

#1	3317.9	44430.	4346.0	99.643	3318.4
#2	3314.2	44558.	4335.2	96.003	3323.0
#3	3340.1	44571.	4321.9	94.312	3336.4

Sample Name: ICV01 Acquired: 12/28/2018 11:58:05 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0084	1.0241	.98237	1.0063	.98885	2.5420	.50666	.48648
Stddev	.0039	.0087	.00572	.0026	.00527	.0257	.00177	.00078
%RSD	.38361	.85108	.58220	.25598	.53251	1.0112	.34888	.15975
#1	1.0040	1.0272	.97707	1.0064	.98373	2.5362	.50845	.48579
#2	1.0114	1.0308	.98843	1.0088	.99425	2.5197	.50662	.48633
#3	1.0098	1.0142	.98162	1.0037	.98858	2.5701	.50491	.48732
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47633	10.482	.51336	.49166	.51260	4.9789	.52044	6.0816
Stddev	.00190	.082	.00065	.00262	.00110	.1608	.00080	.0116
%RSD	.39865	.78629	.12749	.53316	.21463	3.2297	.15355	.19085
#1	.47755	10.513	.51407	.49011	.51190	4.8382	.52115	6.0728
#2	.47729	10.544	.51278	.49468	.51387	5.1542	.51958	6.0773
#3	.47414	10.389	.51323	.49017	.51203	4.9445	.52060	6.0947
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49494	F .46371	9.9595	.50178	1.0110	10.254	2.4859	2.4738
Stddev	.00291	.00153	.0239	.00082	.0303	.067	.0033	.0223
%RSD	.58746	.32945	.23996	.16341	2.9996	.65088	.13290	.90005
#1	.49307	.46509	9.9869	.50123	.98882	10.328	2.4893	2.4771
#2	.49829	.46207	9.9425	.50140	1.0456	10.233	2.4827	2.4501
#3	.49345	.46396	9.9492	.50273	.99868	10.199	2.4856	2.4942
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00736	2.3768	F 2.3584	2.4585	F .00064	F .0010	F .00637	F 2.8761
Stddev	.00189	.0049	.0178	.0110	.00003	.0017	.00018	.0518
%RSD	25.721	.20750	.75626	.44785	4.1735	167.1	2.8782	1.8001
#1	.00690	2.3822	2.3524	2.4673	.00062	-.0002	.00657	2.9321
#2	.00573	2.3757	2.3785	2.4462	.00063	.0003	.00621	2.8299
#3	.00943	2.3725	2.3443	2.4620	.00067	.0029	.00632	2.8662

Sample Name: ICV01 Acquired: 12/28/2018 11:58:05 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5102
Stddev	.2452
%RSD	16.237

#1	1.3385
#2	1.7910
#3	1.4010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.3	46483.	4426.3	102.93	3808.4
Stddev	9.7	140.	17.3	3.08	19.9
%RSD	.27918	.30189	.39103	2.9887	.52211

#1	3450.9	46328.	4409.4	105.02	3796.6
#2	3463.2	46520.	4425.5	99.396	3797.2
#3	3469.9	46602.	4444.0	104.37	3831.3

Sample Name: LLICV01 Acquired: 12/28/2018 12:01:51 Type: Unk
Method: P4-ICP2(v2688) 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	.02089	.04601	.01222	.02202	.05679	.10705	.11382
Stddev	.00086	.00108	.00122	.00328	.00051	.00677	.00017
%RSD	4.1392	2.3467	10.017	14.882	.90472	6.3270	.14726

#1	.02109	.04615	.01354	.02205	.05670	.11235	.11376
#2	.01994	.04702	.01201	.02529	.05735	.09942	.11401
#3	.02163	.04487	.01112	.01873	.05633	.10938	.11369

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	.00589	2.2644	.01134	.03323	.02255	.10618
Stddev	.00004	.00011	.0072	.00039	.00066	.00036	.00040
%RSD	.66458	1.7851	.31766	3.4615	1.9832	1.6015	.37901

#1	.00646	.00600	2.2726	.01135	.03343	.02291	.10574
#2	.00654	.00587	2.2594	.01173	.03377	.02255	.10627
#3	.00647	.00579	2.2611	.01095	.03250	.02219	.10653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02364	2.2888	.04397	.01151	2.1644	.04579	.04627
Stddev	.00011	.0158	.00035	.00031	.0096	.00014	.00071
%RSD	.45735	.69220	.79033	2.6602	.44488	.31612	1.5345

#1	.02353	2.3030	.04409	.01186	2.1674	.04589	.04605
#2	.02366	2.2717	.04424	.01131	2.1721	.04563	.04706
#3	.02374	2.2918	.04357	.01136	2.1536	.04585	.04569

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2272	.20961	.11484	.01613	.43127	.04177	.04668
Stddev	.0326	.00467	.00300	.00147	.00165	.00071	.00103
%RSD	1.4618	2.2288	2.6101	9.0946	.38202	1.6949	2.2045

#1	2.2555	.21243	.11751	.01587	.43276	.04233	.04554
#2	2.2344	.21218	.11160	.01771	.43155	.04200	.04754
#3	2.1916	.20422	.11542	.01481	.42950	.04097	.04696

Sample Name: LLICV01 Acquired: 12/28/2018 12:01:51 Type: Unk
 Method: P4-ICP2(v2688) 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	.02217	.0180	.02177	F 2.8589	F<.00000
Stddev	.00169	.0007	.00008	.0350	.14014
%RSD	7.6157	4.054	.34763	1.2248	346.27

#1	.02321	.0182	.02182	2.8318	-.15668
#2	.02022	.0186	.02168	2.8984	.11516
#3	.02308	.0172	.02179	2.8465	-.07990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.7	47079.	4370.7	103.52	4024.7
Stddev	70.6	44.	21.9	1.25	74.4
%RSD	1.9921	.09328	.50059	1.2079	1.8497

#1	3504.2	47040.	4348.4	103.88	3993.0
#2	3505.5	47069.	4371.7	102.13	3971.4
#3	3627.2	47127.	4392.1	104.56	4109.8

Sample Name: ICB01 Acquired: 12/28/2018 12:05:54 Type: Unk
Method: P4-ICP2(v2688) 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	-.00014	.00067	-.00091	.00148	-.00110	-.00584	.00178
Stddev	.00069	.00046	.00041	.00140	.00039	.00468	.00047
%RSD	494.69	68.368	44.854	94.115	35.447	80.094	26.589

#1	.00001	.00062	-.00103	-.00004	-.00155	-.00067	.00129
#2	.00046	.00024	-.00125	.00180	-.00084	-.00707	.00181
#3	-.00089	.00115	-.00046	.00270	-.00091	-.00978	.00223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00003	.01201	-.00008	.00007	-.00034	.00407
Stddev	.00005	.00008	.01212	.00006	.00017	.00023	.00377
%RSD	161.47	257.31	100.97	75.020	249.60	67.686	92.603

#1	.00001	-.00004	.00214	-.00015	-.00012	-.00021	.00350
#2	-.00000	.00013	.02554	-.00005	.00022	-.00021	.00809
#3	.00009	.00001	.00834	-.00004	.00010	-.00061	.00062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00550	.00037	-.00013	-.05690	-.00008	-.00043
Stddev	.00003	.02501	.00017	.00025	.00673	.00023	.00008
%RSD	229.54	454.54	45.947	182.22	11.828	286.78	18.915

#1	.00001	-.01769	.00053	-.00041	-.05515	.00018	-.00051
#2	-.00002	.02326	.00019	.00004	-.05122	-.00018	-.00045
#3	.00005	-.02208	.00041	-.00003	-.06433	-.00024	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.00004	.00302	-.00134	.00291	.00065	.00208
Stddev	.01580	.00030	.00836	.00241	.00193	.00004	.00046
%RSD	797.49	719.97	276.50	180.67	66.295	6.3970	22.365

#1	.01353	.00024	.00672	-.00407	.00235	.00068	.00244
#2	-.01806	-.00035	.00890	-.00042	.00132	.00068	.00155
#3	-.00142	-.00002	-.00655	.00048	.00505	.00061	.00224

Sample Name: ICB01 Acquired: 12/28/2018 12:05:54 Type: Unk
Method: P4-ICP2(v2688) 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	.00016	-.0012	-.00002	F 2.8879	F<.00000
Stddev	.00089	.0006	.00004	.0777	.46010
%RSD	571.68	53.05	220.02	2.6896	239.98
#1	-.00075	-.0018	-.00004	2.7984	-.72252
#2	.00020	-.0006	.00003	2.9273	.09317
#3	.00102	-.0010	-.00005	2.9380	.05418
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.5	47124.	4368.8	102.36	3992.3
Stddev	5.1	94.	22.2	1.53	7.2
%RSD	.14442	.20020	.50901	1.4981	.17930
#1	3507.3	47211.	4367.2	100.82	3993.5
#2	3502.9	47024.	4391.8	103.88	3998.7
#3	3497.2	47137.	4347.4	102.38	3984.6

Sample Name: CRI01 Acquired: 12/28/2018 12:10:03 Type: Unk
Method: P4-ICP2(v2688) 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	.02160	.04663	.01199	.02292	.05853	.10209	.11404
Stddev	.00119	.00085	.00048	.00131	.00043	.00434	.00033
%RSD	5.4978	1.8161	4.0104	5.7316	.72836	4.2461	.28754

#1	.02072	.04566	.01144	.02288	.05832	.09770	.11413
#2	.02114	.04723	.01234	.02163	.05825	.10222	.11368
#3	.02295	.04701	.01218	.02426	.05902	.10637	.11432

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	.00601	2.2664	.01133	.03380	.02255	.10743
Stddev	.00003	.00009	.0133	.00023	.00020	.00007	.00429
%RSD	.47878	1.5116	.58713	1.9881	.58861	.30754	3.9927

#1	.00654	.00593	2.2662	.01127	.03397	.02253	.10277
#2	.00660	.00600	2.2533	.01114	.03358	.02250	.11121
#3	.00655	.00611	2.2799	.01158	.03383	.02263	.10832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02380	2.2897	.04470	.01087	2.1646	.04597	.04631
Stddev	.00007	.0321	.00043	.00040	.0189	.00042	.00071
%RSD	.30772	1.4018	.95686	3.7014	.87165	.91540	1.5250

#1	.02387	2.3245	.04425	.01111	2.1623	.04574	.04633
#2	.02373	2.2613	.04474	.01110	2.1470	.04572	.04559
#3	.02381	2.2833	.04511	.01041	2.1845	.04646	.04700

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2229	.21368	.11105	.01684	.43465	.04146	.04503
Stddev	.0216	.00047	.00826	.00314	.00704	.00034	.00136
%RSD	.97103	.22038	7.4385	18.638	1.6190	.82566	3.0142

#1	2.2427	.21333	.10189	.01519	.43686	.04132	.04385
#2	2.1999	.21350	.11793	.02046	.42678	.04121	.04473
#3	2.2262	.21422	.11334	.01486	.44032	.04185	.04652

Sample Name: CRI01 Acquired: 12/28/2018 12:10:03 Type: Unk
Method: P4-ICP2(v2688) 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	.02087	.0177	.02171	F 2.9935	F<.00000
Stddev	.00022	.0008	.00003	.1604	.25714
%RSD	1.0429	4.351	.12397	5.3590	393.37
#1	.02075	.0186	.02168	3.1707	.19650
#2	.02112	.0173	.02174	2.9516	-.31750
#3	.02074	.0172	.02171	2.8582	-.07511
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.2	46510.	4361.4	103.45	3946.5
Stddev	8.2	309.	37.5	1.33	11.9
%RSD	.23694	.66339	.85944	1.2819	.30058
#1	3458.8	46154.	4352.2	102.97	3932.8
#2	3472.1	46685.	4402.6	104.95	3952.6
#3	3473.8	46691.	4329.4	102.43	3954.0

Sample Name: ICSA01 Acquired: 12/28/2018 12:14:09 Type: Unk
Method: P4-ICP2(v2688) 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	-.00491	-.00635	-.00007	.01246	.00514	289.45	.00673
Stddev	.00230	.00039	.00195	.00165	.00077	1.20	.00075
%RSD	46.777	6.1520	2643.6	13.240	14.978	.41468	11.065

#1	-.00756	-.00680	-.00202	.01354	.00427	288.21	.00596
#2	-.00370	-.00608	-.00008	.01056	.00573	289.55	.00745
#3	-.00348	-.00617	.00187	.01329	.00543	290.60	.00680

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00105	265.33	.05842	-.00071	-.00826	102.34
Stddev	.00004	.00010	1.12	.00010	.00003	.00010	1.26
%RSD	12.776	9.9006	.42109	.16871	4.5683	1.1986	1.2287

#1	.00029	-.00113	265.13	.05851	-.00074	-.00837	103.00
#2	.00036	-.00109	266.54	.05843	-.00073	-.00824	103.12
#3	.00028	-.00093	264.33	.05832	-.00067	-.00818	100.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01599	268.93	-.00717	-.00450	-.02855	.00034	.00040
Stddev	.00002	.83	.00047	.00062	.00620	.00008	.00018
%RSD	.11437	.30805	6.6071	13.687	21.710	24.793	46.138

#1	.01597	269.82	-.00690	-.00440	-.02567	.00044	.00036
#2	.01598	268.78	-.00689	-.00394	-.02431	.00029	.00060
#3	.01600	268.19	-.00772	-.00516	-.03566	.00029	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02191	-.00071	.06436	.00422	-.00432	.00149	-.00242
Stddev	.01778	.00030	.00715	.00187	.00208	.00051	.00078
%RSD	81.118	42.714	11.116	44.320	48.060	34.283	32.258

#1	.00810	-.00082	.06658	.00208	-.00598	.00090	-.00254
#2	.01567	-.00094	.07013	.00505	-.00199	.00180	-.00159
#3	.04197	-.00036	.05636	.00552	-.00499	.00177	-.00314

Sample Name: ICSA01 Acquired: 12/28/2018 12:14:09 Type: Unk
 Method: P4-ICP2(v2688) 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	.00747	.0002	-.00348	F 3.9921	F<.00000
Stddev	.00143	.0008	.00135	.0551	.63301
%RSD	19.202	354.3	38.863	1.3810	18.873

#1	.00815	.0000	-.00446	4.0541	-4.0614
#2	.00582	-.0004	-.00405	3.9486	-3.1593
#3	.00843	.0011	-.00194	3.9735	-2.8412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.1	41317.	4217.6	92.479	3139.1
Stddev	6.0	64.	34.3	1.474	2.4
%RSD	.19370	.15588	.81441	1.5937	.07527

#1	3076.0	41244.	4183.3	91.718	3136.6
#2	3079.7	41368.	4217.5	91.542	3141.3
#3	3087.7	41339.	4252.0	94.178	3139.5

Sample Name: ICSAB01 Acquired: 12/28/2018 12:18:21 Type: Unk
Method: P4-ICP2(v2688) 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	.10423	.09772	.05289	.06508	.65578	282.46	.55274
Stddev	.00219	.00122	.00068	.00440	.00078	.98	.00106
%RSD	2.1039	1.2506	1.2783	6.7634	.11899	.34673	.19132

#1	.10196	.09635	.05235	.06120	.65655	283.03	.55334
#2	.10441	.09869	.05266	.06418	.65499	283.02	.55152
#3	.10633	.09813	.05365	.06986	.65580	281.33	.55336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56577	1.0263	258.52	.59883	.51930	.51882	98.279
Stddev	.00125	.0027	1.38	.00218	.00119	.00189	1.490
%RSD	.22032	.26765	.53235	.36362	.22833	.36456	1.5163

#1	.56706	1.0285	258.86	.60134	.51832	.51664	99.100
#2	.56569	1.0271	257.00	.59764	.52061	.51977	99.178
#3	.56457	1.0232	259.69	.59751	.51896	.52005	96.559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55883	262.94	1.0122	.22768	-.02645	.52867	1.0609
Stddev	.00142	.64	.0005	.00052	.00477	.00046	.0168
%RSD	.25433	.24471	.05353	.23008	18.042	.08724	1.5837

#1	.56039	262.35	1.0124	.22740	-.03193	.52815	1.0711
#2	.55761	262.85	1.0115	.22829	-.02416	.52902	1.0701
#3	.55849	263.62	1.0125	.22736	-.02325	.52883	1.0415

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02108	F 1.0817	F 1.1257	.00098	F .99667	F 1.0646	F 1.0568
Stddev	.03512	.0062	.0101	.00144	.00519	.0015	.0031
%RSD	166.62	.56978	.89804	146.61	.52106	.14210	.29566

#1	.02723	1.0836	1.1370	.00009	.99424	1.0643	1.0593
#2	.05271	1.0867	1.1175	.00264	.99313	1.0662	1.0533
#3	-.01671	1.0748	1.1226	.00021	1.0026	1.0633	1.0578

Sample Name: ICSAB01 Acquired: 12/28/2018 12:18:21 Type: Unk
 Method: P4-ICP2(v2688) 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	.00728	F -.0000	F -.00143	F 4.1162	F<.00000
Stddev	.00088	.0007	.00181	.1050	.46767
%RSD	12.045	10290.	126.08	2.5512	12.882
#1	.00633	.0008	-.00202	4.2355	-4.1527
#2	.00806	-.0002	-.00288	4.0755	-3.2505
#3	.00746	-.0006	.00059	4.0376	-3.4878
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.8	41433.	4220.2	93.968	3141.2
Stddev	13.6	160.	13.0	1.605	13.4
%RSD	.43966	.38710	.30790	1.7083	.42800
#1	3080.6	41293.	4216.4	92.885	3127.5
#2	3075.6	41397.	4234.7	93.207	3141.7
#3	3101.2	41608.	4209.6	95.813	3154.4

Sample Name: CCV01 Acquired: 12/28/2018 12:28:19 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1359	4.9466	4.9877	5.0847	5.1222	10.273	10.167	.25043
Stddev	.0210	.0182	.0084	.0133	.0038	.037	.062	.00088
%RSD	.40867	.36797	.16942	.26108	.07405	.36222	.61092	.35251
#1	5.1593	4.9611	4.9973	5.0999	5.1247	10.259	10.161	.25068
#2	5.1297	4.9525	4.9813	5.0789	5.1241	10.315	10.108	.25116
#3	5.1187	4.9261	4.9846	5.0753	5.1178	10.244	10.232	.24945
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4557	F 26.336	1.0346	2.4634	1.2753	4.9292	2.5549	25.081
Stddev	.0044	.131	.0020	.0032	.0021	.0553	.0035	.269
%RSD	.17970	.49861	.19105	.12817	.16206	1.1213	.13571	1.0718
#1	2.4607	26.254	1.0368	2.4671	1.2772	4.9901	2.5569	24.812
#2	2.4541	26.267	1.0341	2.4616	1.2756	4.9153	2.5570	25.080
#3	2.4523	26.488	1.0330	2.4617	1.2731	4.8822	2.5509	25.350
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4420	1.3072	24.623	2.4519	2.5340	25.378	5.1372	5.0461
Stddev	.0062	.0013	.138	.0017	.0305	.177	.0079	.0301
%RSD	.25356	.09531	.55977	.06825	1.2040	.69683	.15332	.59549
#1	2.4492	1.3070	24.602	2.4502	2.5638	25.291	5.1462	5.0703
#2	2.4390	1.3085	24.497	2.4536	2.5029	25.261	5.1336	5.0125
#3	2.4379	1.3061	24.770	2.4520	2.5354	25.581	5.1318	5.0555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8125	5.1354	4.9598	5.0217	5.0952	4.939	F 5.3227	F 4.2366
Stddev	.0066	.0565	.0132	.0186	.0284	.017	.0363	.0541
%RSD	.13732	1.1009	.26560	.37024	.55706	.3444	.68130	1.2780
#1	4.8194	5.1202	4.9749	5.0121	5.0958	4.958	5.3114	4.2972
#2	4.8062	5.0881	4.9507	5.0098	5.0666	4.928	5.2935	4.2199
#3	4.8120	5.1980	4.9537	5.0431	5.1234	4.930	5.3633	4.1928

Sample Name: CCV01 Acquired: 12/28/2018 12:28:19 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0994
Stddev	.4202
%RSD	20.016

#1	2.3867
#2	2.2943
#3	1.6171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.7	44010.	4241.4	96.591	3468.4
Stddev	6.7	115.	34.1	1.130	7.2
%RSD	.20587	.26238	.80490	1.1700	.20838

#1	3265.3	43987.	4258.0	95.453	3460.3
#2	3274.2	43908.	4264.0	97.713	3470.7
#3	3278.5	44136.	4202.1	96.608	3474.2

Sample Name: LLCCV01 Acquired: 12/28/2018 12:37:05 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02008	.04651	.01271	.02046	.05745	.11246	.11523	.00656
Stddev	.00176	.00064	.00041	.00165	.00101	.00683	.00089	.00007
%RSD	8.7697	1.3660	3.2562	8.0498	1.7580	6.0723	.77234	.99359
#1	.02024	.04600	.01312	.02154	.05652	.10984	.11562	.00663
#2	.01825	.04722	.01229	.02129	.05852	.10733	.11422	.00650
#3	.02176	.04630	.01273	.01857	.05730	.12021	.11586	.00654
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	2.3029	.01133	.03389	.02286	.11047	.02382	2.2891
Stddev	.00005	.0058	.00028	.00017	.00035	.00160	.00006	.0142
%RSD	.90216	.25010	2.4570	.48741	1.5484	1.4448	.24915	.61867
#1	.00589	2.3030	.01125	.03379	.02250	.10985	.02375	2.2742
#2	.00600	2.2971	.01164	.03379	.02321	.10928	.02384	2.3024
#3	.00596	2.3086	.01111	.03408	.02287	.11229	.02387	2.2906
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04426	.01148	2.1551	.04520	.04667	2.2260	.21752	.10810
Stddev	.00020	.00056	.0136	.00067	.00086	.0197	.00029	.00372
%RSD	.44637	4.8569	.63191	1.4799	1.8356	.88638	.13390	3.4453
#1	.04432	.01205	2.1650	.04593	.04648	2.2239	.21764	.11188
#2	.04404	.01144	2.1396	.04462	.04761	2.2074	.21719	.10443
#3	.04442	.01094	2.1608	.04505	.04592	2.2467	.21773	.10799
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01592	.43858	.04139	.04413	.02196	.0182	.02236	3.6629
Stddev	.00147	.00626	.00009	.00151	.00196	.0011	.00014	.0423
%RSD	9.2100	1.4278	.22890	3.4236	8.9438	6.254	.64601	1.1534
#1	.01615	.44016	.04137	.04529	.02241	.0184	.02223	3.6824
#2	.01725	.44390	.04131	.04242	.02366	.0193	.02234	3.6920
#3	.01435	.43168	.04149	.04467	.01981	.0170	.02251	3.6145

Sample Name: LLCCV01 Acquired: 12/28/2018 12:37:05 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.31453
%RSD	60.964

#1	-.86304
#2	-.43490
#3	-.24984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.9	45597.	4269.6	101.28	3883.8
Stddev	6.3	124.	6.4	1.88	4.1
%RSD	.18769	.27284	.15076	1.8572	.10491

#1	3365.2	45467.	4272.6	101.37	3888.5
#2	3363.3	45611.	4262.2	99.350	3881.2
#3	3375.1	45714.	4274.0	103.11	3881.7

Sample Name: CCB01 Acquired: 12/28/2018 12:41:13 Type: Unk
Method: P4-ICP2(v2688) 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	-.00027	.00077	-.00045	-.00007	-.00081	.00005	.00142
Stddev	.00157	.00079	.00060	.00102	.00086	.01181	.00063
%RSD	589.76	102.90	134.70	1412.2	106.68	25772.	44.412

#1	-.00070	.00130	-.00115	-.00037	-.00172	-.00912	.00132
#2	.00147	.00115	-.00009	.00107	-.00067	-.00412	.00085
#3	-.00157	-.00014	-.00010	-.00091	-.00002	.01338	.00210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00000	.01011	-.00026	.00009	-.00015	.00851
Stddev	.00001	.00011	.00230	.00042	.00008	.00005	.00339
%RSD	71.495	2337.9	22.733	161.24	87.349	33.116	39.793

#1	-.00003	-.00004	.00978	-.00070	.00002	-.00011	.00787
#2	-.00000	.00012	.01256	.00012	.00008	-.00020	.01218
#3	-.00002	-.00007	.00800	-.00019	.00018	-.00013	.00549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00364	.00021	-.00030	-.06352	.00000	-.00068
Stddev	.00007	.05929	.00031	.00005	.00833	.00035	.00003
%RSD	697.80	1630.6	148.85	15.998	13.113	28417.	4.3281

#1	-.00006	-.02080	.00056	-.00035	-.06321	-.00021	-.00067
#2	-.00003	-.05245	.00008	-.00028	-.05535	.00040	-.00066
#3	.00006	.06234	-.00001	-.00026	-.07200	-.00019	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01212	-.00018	.01246	-.00143	.00581	-.00112	.00273
Stddev	.01489	.00015	.00040	.00147	.00163	.00070	.00118
%RSD	122.78	83.325	3.1826	102.85	27.994	62.450	43.336

#1	-.00164	-.00014	.01285	.00020	.00398	-.00116	.00138
#2	.02793	-.00005	.01248	-.00184	.00708	-.00040	.00324
#3	.01008	-.00034	.01205	-.00265	.00637	-.00181	.00358

Sample Name: CCB01 Acquired: 12/28/2018 12:41:13 Type: Unk
 Method: P4-ICP2(v2688) 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	.00007	-.0010	-.00010	F 3.5905	F<.00000
Stddev	.00161	.0013	.00006	.0786	.24908
%RSD	2176.7	126.6	61.640	2.1905	57.072

#1	-.00155	-.0011	-.00004	3.6716	-.71471
#2	.00008	.0003	-.00010	3.5145	-.23438
#3	.00168	-.0023	-.00017	3.5855	-.36018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.7	46046.	4271.6	102.08	3930.1
Stddev	3.6	120.	16.8	1.27	2.6
%RSD	.10756	.26107	.39230	1.2488	.06598

#1	3390.3	45930.	4286.8	103.47	3927.2
#2	3389.1	46037.	4274.4	101.82	3930.8
#3	3395.9	46170.	4253.6	100.96	3932.2

Sample Name: LR CHECK1 Acquired: 12/28/2018 12:45:09 Type: Unk
Method: P4-ICP2(v2688) 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	-.05057	-.08189	.46349	.08018	.05970	F 2049.5	.21549
Stddev	.00444	.00345	.00574	.01598	.00304	1.7	.00121
%RSD	8.7825	4.2176	1.2387	19.925	5.0987	.08506	.56324

#1	-.05327	-.07842	.45946	.09757	.06067	2048.2	.21529
#2	-.04544	-.08190	.47006	.06616	.06214	2048.7	.21439
#3	-.05299	-.08533	.46095	.07681	.05629	2051.5	.21679

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	.02164	F 1868.8	.07085	.04513	.13318	F 982.10
Stddev	.00029	.00410	22.9	.00159	.00092	.01374	32.44
%RSD	7.2283	18.950	1.2281	2.2453	2.0311	10.316	3.3031

#1	.00430	.01747	1853.0	.06956	.04428	.11984	1014.2
#2	.00374	.02566	1858.3	.07263	.04501	.14729	949.35
#3	.00417	.02179	1895.1	.07037	.04610	.13242	982.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13981	F 1906.4	.18264	-.05111	1714.0	.00236	.21828
Stddev	.00018	13.1	.00047	.00469	23.2	.00109	.00716
%RSD	.12669	.68628	.25942	9.1696	1.3510	46.140	3.2780

#1	.13976	1902.7	.18222	-.04718	1706.7	.00289	.22534
#2	.14001	1895.6	.18315	-.05630	1695.5	.00111	.21104
#3	.13967	1920.9	.18255	-.04985	1740.0	.00308	.21847

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1063.1	.00797	.55543	.43265	.08826	.03257	-.05151
Stddev	6.8	.00128	.05157	.00630	.00159	.00107	.00425
%RSD	.63588	15.995	9.2852	1.4559	1.7996	3.2894	8.2553

#1	1059.4	.00716	.60640	.43758	.09002	.03213	-.05631
#2	1058.9	.00944	.50327	.42556	.08693	.03379	-.04822
#3	1070.9	.00731	.55662	.43483	.08783	.03178	-.04999

Sample Name: LR CHECK1 Acquired: 12/28/2018 12:45:09 Type: Unk
 Method: P4-ICP2(v2688) 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	.08123	.0485	F -1.0620	3.6163	^ *****
Stddev	.00193	.0024	.0356	.0410	-----
%RSD	2.3761	5.046	3.3525	1.1337	-----
#1	.08271	.0475	-1.0972	3.5801	^ -----
#2	.08194	.0512	-1.0260	3.6080	^ -----
#3	.07905	.0467	-1.0627	3.6608	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.6	30900.	3685.0	69.902	1916.3
Stddev	2.2	24.	29.5	2.114	.7
%RSD	.09606	.07658	.79933	3.0235	.03426
#1	2259.0	30891.	3705.0	67.894	1917.1
#2	2255.8	30882.	3698.9	72.107	1915.9
#3	2254.9	30927.	3651.2	69.705	1916.0

Sample Name: LR CHECK2 Acquired: 12/28/2018 12:49:45 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.01557	F 268.64	.02334	-.03689	-.30556	F 101.01	-.00072
Stddev	.00190	.00033	1.23	.00378	.00142	.01293	.79	.00005
%RSD	155.13	2.1312	.45760	16.194	3.8370	4.2309	.78185	7.5333
#1	-.00300	-.01519	267.91	.01900	-.03544	-.29079	100.84	-.00066
#2	-.00145	-.01572	267.95	.02593	-.03827	-.31486	100.31	-.00075
#3	.00078	-.01580	270.06	.02509	-.03696	-.31102	101.87	-.00075
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00824	.22974	-.14068	-.01055	F 269.78	-.90225	43.856	-.03392
Stddev	.00011	.00944	.00021	.00020	.60	.00466	.087	.02124
%RSD	1.2939	4.1110	.15198	1.9057	.22248	.51675	.19951	62.616
#1	-.00813	.24047	-.14045	-.01071	269.21	-.89819	43.863	-.01021
#2	-.00826	.22605	-.14071	-.01062	270.41	-.90122	43.940	-.05121
#3	-.00834	.22270	-.14087	-.01033	269.72	-.90734	43.766	-.04035
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.612	.00864	.73263	-.00368	F 36.864	.62478	-.00447	-.00443
Stddev	.228	.00043	.03137	.00034	.373	.04529	.00028	.00329
%RSD	.45112	4.9448	4.2816	9.2271	1.0111	7.2495	6.2189	74.241
#1	50.406	.00831	.76356	-.00331	36.663	.65359	-.00478	-.00823
#2	50.572	.00848	.73350	-.00398	37.294	.64819	-.00424	-.00239
#3	50.857	.00912	.70084	-.00374	36.634	.57258	-.00440	-.00268
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06894	.00104	-.00091	.02971	.00052	-.1954	.00322	4.4705
Stddev	.00191	.00045	.00021	.00198	.00031	.0047	.00008	.0221
%RSD	2.7683	43.312	23.241	6.6650	60.310	2.411	2.3555	.49407
#1	.06674	.00076	-.00087	.03145	.00016	-.1908	.00316	4.4948
#2	.06991	.00080	-.00114	.03013	.00068	-.1952	.00319	4.4517
#3	.07017	.00155	-.00073	.02756	.00071	-.2002	.00331	4.4649

Sample Name: LR CHECK2 Acquired: 12/28/2018 12:49:45 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.28282
Stddev	.23452
%RSD	82.920

#1	.09195
#2	.54462
#3	.21191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.9	44128.	4202.0	93.108	3460.1
Stddev	4.5	122.	4.4	.655	1.9
%RSD	.14821	.27566	.10353	.70297	.05532

#1	3065.9	44152.	4206.3	93.842	3460.4
#2	3062.9	44235.	4202.2	92.900	3458.0
#3	3071.9	43995.	4197.6	92.583	3461.7

Sample Name: J6568-01 Acquired: 12/28/2018 12:54:34 Type: Unk
Method: P4-ICP2(v2688) 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	.05074	-.00485	7.0174	.09361	.01773	109.40	.49960
Stddev	.00192	.00126	.0094	.00103	.00201	.29	.00205
%RSD	3.7919	25.985	.13438	1.1014	11.325	.26218	.41125

#1	.04884	-.00376	7.0228	.09297	.01547	109.07	.50134
#2	.05069	-.00623	7.0065	.09307	.01842	109.59	.49733
#3	.05269	-.00455	7.0229	.09480	.01930	109.53	.50013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00704	-.00832	13.317	.32202	.07293	.38625	485.58
Stddev	.00012	.00034	.131	.00100	.00029	.00084	3.99
%RSD	1.7143	4.0649	.98032	.30979	.40325	.21677	.82210

#1	.00700	-.00796	13.416	.32091	.07280	.38645	481.22
#2	.00694	-.00863	13.169	.32285	.07273	.38697	489.07
#3	.00717	-.00838	13.366	.32229	.07327	.38533	486.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5089	18.242	.17671	-.00428	.32964	.31038	1.7268
Stddev	.0222	.051	.00026	.00085	.00139	.00040	.0105
%RSD	.49276	.27698	.14649	19.952	.42210	.12922	.60927

#1	4.4834	18.267	.17698	-.00523	.32805	.31037	1.7148
#2	4.5193	18.184	.17646	-.00356	.33023	.30998	1.7346
#3	4.5241	18.275	.17670	-.00407	.33064	.31078	1.7309

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2169	.00636	.33552	4.5755	1.8785	.04696	1.8580
Stddev	.0312	.00031	.00208	.0244	.0069	.00059	.0075
%RSD	.59784	4.8486	.62039	.53362	.36760	1.2638	.40583

#1	5.2502	.00601	.33592	4.5473	1.8706	.04632	1.8654
#2	5.1884	.00648	.33327	4.5903	1.8818	.04749	1.8583
#3	5.2123	.00659	.33738	4.5889	1.8832	.04707	1.8503

Sample Name: J6568-01 Acquired: 12/28/2018 12:54:34 Type: Unk
 Method: P4-ICP2(v2688) 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	.07878	7.667	-.45157	.12232	F<.00000
Stddev	.00051	.026	.00466	.08357	1.5190
%RSD	.64813	.3450	1.0326	68.324	.68514

#1	.07825	7.636	-.44650	.04671	-220.59
#2	.07928	7.684	-.45567	.10819	-221.07
#3	.07880	7.680	-.45255	.21206	-223.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.8	50797.	5041.1	97.285	3472.0
Stddev	2.3	70.	42.4	.561	6.6
%RSD	.06159	.13834	.84026	.57622	.19122

#1	3710.9	50845.	5008.9	97.926	3468.4
#2	3706.4	50830.	5089.1	96.883	3479.6
#3	3709.1	50716.	5025.3	97.047	3467.9

Sample Name: J6568-02 Acquired: 12/28/2018 12:58:42 Type: Unk
 Method: P4-ICP2(v2688) 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	.08805	-.00697	2.7432	.05338	.00880	147.65	1.0399
Stddev	.00165	.00062	.0159	.00271	.00257	.33	.0042
%RSD	1.8760	8.8257	.57802	5.0679	29.255	.22539	.40241

#1	.08675	-.00768	2.7325	.05468	.01110	147.49	1.0353
#2	.08991	-.00670	2.7614	.05519	.00928	148.03	1.0409
#3	.08750	-.00654	2.7356	.05027	.00602	147.42	1.0435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00784	-.00165	41.053	.25639	.08868	.71836	249.34
Stddev	.00014	.00029	.358	.00039	.00036	.00050	2.63
%RSD	1.7411	17.321	.87245	.15330	.40108	.07002	1.0558

#1	.00793	-.00133	40.640	.25673	.08827	.71778	246.31
#2	.00790	-.00186	41.247	.25649	.08892	.71857	250.95
#3	.00768	-.00177	41.273	.25596	.08885	.71872	250.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4972	25.431	.23781	.00181	.59814	.36277	2.1620
Stddev	.0072	.122	.00102	.00053	.01171	.00149	.0191
%RSD	.15985	.48003	.42800	29.417	1.9583	.41104	.88452

#1	4.4913	25.298	.23690	.00120	.58538	.36395	2.1402
#2	4.5052	25.539	.23891	.00203	.60841	.36326	2.1702
#3	4.4952	25.455	.23763	.00219	.60064	.36109	2.1757

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7386	.00926	.19173	6.7181	2.0448	.05701	2.5580
Stddev	.0264	.00015	.00592	.0306	.0169	.00112	.0060
%RSD	.34066	1.6699	3.0892	.45516	.82784	1.9694	.23610

#1	7.7086	.00939	.18533	6.6998	2.0267	.05572	2.5521
#2	7.7490	.00931	.19286	6.7534	2.0603	.05755	2.5642
#3	7.7581	.00909	.19701	6.7011	2.0474	.05776	2.5577

Sample Name: J6568-02 Acquired: 12/28/2018 12:58:42 Type: Unk
 Method: P4-ICP2(v2688) 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	.11210	F 12.07	-.05180	1.1572	F<.00000
Stddev	.00145	.08	.00214	.0381	.39468
%RSD	1.2960	.6244	4.1276	3.2941	.44895
#1	.11265	12.00	-.04934	1.1284	-88.281
#2	.11045	12.15	-.05295	1.1429	-87.496
#3	.11320	12.05	-.05313	1.2005	-87.962
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3786.8	52004.	5175.3	99.431	3498.5
Stddev	12.4	127.	17.7	.722	17.5
%RSD	.32695	.24495	.34137	.72625	.50153
#1	3795.1	51892.	5194.6	100.26	3510.2
#2	3772.6	51977.	5171.3	99.031	3478.3
#3	3792.8	52143.	5160.0	98.998	3507.0

Sample Name: J6568-03 Acquired: 12/28/2018 13:02:45 Type: Unk
Method: P4-ICP2(v2688) 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	.10109	-.00782	2.6619	.04518	.00647	121.97	1.0346
Stddev	.00111	.00150	.0076	.00352	.00125	.21	.0070
%RSD	1.0987	19.186	.28743	7.7940	19.284	.17349	.67855

#1	.10218	-.00676	2.6663	.04371	.00554	121.86	1.0425
#2	.10113	-.00953	2.6663	.04263	.00599	121.83	1.0321
#3	.09996	-.00716	2.6530	.04920	.00789	122.21	1.0292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00681	.00175	132.38	.25969	.07424	.85622	208.92
Stddev	.00001	.00028	.54	.00148	.00015	.00418	1.94
%RSD	.21180	15.835	.41119	.57123	.20741	.48773	.93087

#1	.00682	.00166	132.99	.26130	.07407	.85905	208.18
#2	.00680	.00206	132.21	.25940	.07436	.85818	207.45
#3	.00680	.00153	131.95	.25838	.07429	.85142	211.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5294	62.655	.18198	.00507	.59799	.30071	2.4230
Stddev	.0413	.203	.00019	.00034	.01304	.00184	.0157
%RSD	.91183	.32423	.10511	6.7606	2.1802	.61214	.64619

#1	4.5549	62.848	.18220	.00471	.60650	.30063	2.4291
#2	4.5515	62.443	.18186	.00540	.60449	.30260	2.4052
#3	4.4817	62.673	.18188	.00510	.58298	.29892	2.4346

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7451	.00911	.15511	F 11.068	2.7070	.07832	2.0755
Stddev	.0665	.00020	.00837	.014	.0168	.00055	.0047
%RSD	.85824	2.1532	5.3988	.12946	.62184	.70427	.22802

#1	7.8217	.00928	.15799	11.057	2.7189	.07768	2.0806
#2	7.7114	.00890	.14568	11.063	2.7143	.07860	2.0745
#3	7.7022	.00917	.16166	11.084	2.6877	.07867	2.0713

Sample Name: J6568-03 Acquired: 12/28/2018 13:02:45 Type: Unk
Method: P4-ICP2(v2688) 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	.09469	F 17.36	.08552	1.9201	F<.00000
Stddev	.00153	.06	.00324	.1066	.96933
%RSD	1.6147	.3179	3.7928	5.5512	1.4538
#1	.09637	17.30	.08807	2.0430	-65.574
#2	.09433	17.39	.08663	1.8526	-67.401
#3	.09338	17.39	.08187	1.8647	-67.048
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.6	49781.	5039.3	98.793	3401.2
Stddev	12.9	301.	61.0	.633	5.7
%RSD	.35717	.60519	1.2109	.64115	.16754
#1	3594.8	49462.	4976.8	98.317	3405.7
#2	3591.7	49819.	5042.3	99.512	3394.8
#3	3615.4	50061.	5098.7	98.550	3403.2

Sample Name: J6568-04 Acquired: 12/28/2018 13:06:50 Type: Unk
Method: P4-ICP2(v2688) 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	.05730	-.00754	2.3571	.04755	.00822	125.01	.60668
Stddev	.00234	.00124	.0086	.00135	.00066	1.45	.00917
%RSD	4.0913	16.496	.36672	2.8441	7.9874	1.1568	1.5119

#1	.05650	-.00694	2.3662	.04647	.00747	123.34	.61727
#2	.05994	-.00897	2.3561	.04907	.00847	125.78	.60120
#3	.05546	-.00672	2.3490	.04712	.00871	125.91	.60158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00753	-.00174	27.187	.24321	.08922	.85344	237.56
Stddev	.00014	.00075	.487	.00525	.00014	.00446	6.34
%RSD	1.8872	43.222	1.7921	2.1604	.16152	.52235	2.6698

#1	.00737	-.00210	27.748	.23715	.08906	.84983	242.03
#2	.00764	-.00087	26.879	.24647	.08932	.85842	230.30
#3	.00758	-.00224	26.932	.24601	.08929	.85208	240.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5886	27.906	.30679	-.00069	.39906	.32005	3.0413
Stddev	.0119	.445	.00097	.00132	.00086	.00573	.0792
%RSD	.26002	1.5950	.31635	191.59	.21555	1.7897	2.6040

#1	4.5789	28.416	.30769	.00064	.39923	.31344	3.0972
#2	4.5849	27.598	.30691	-.00199	.39812	.32332	2.9506
#3	4.6019	27.703	.30576	-.00070	.39981	.32340	3.0760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7434	.00518	.16954	3.9740	2.9072	.02837	2.7989
Stddev	.1540	.00012	.01112	.0203	.0331	.00104	.0461
%RSD	1.9892	2.4094	6.5578	.51166	1.1370	3.6668	1.6468

#1	7.9182	.00504	.18152	3.9973	2.9393	.02794	2.8509
#2	7.6274	.00528	.15956	3.9649	2.9091	.02956	2.7632
#3	7.6846	.00523	.16753	3.9598	2.8733	.02762	2.7826

Sample Name: J6568-04 Acquired: 12/28/2018 13:06:50 Type: Unk
Method: P4-ICP2(v2688) 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	.09432	8.159	-.10358	1.2102	F<.00000
Stddev	.00050	.037	.00534	.1110	1.6278
%RSD	.53425	.4584	5.1571	9.1703	1.9178

#1	.09440	8.198	-.10604	1.0926	-84.161
#2	.09378	8.154	-.09745	1.2249	-86.739
#3	.09478	8.124	-.10726	1.3131	-83.728

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3759.4	51971.	5105.6	100.18	3533.7
Stddev	6.8	564.	93.7	2.66	17.2
%RSD	.18079	1.0850	1.8346	2.6565	.48648

#1	3753.2	52619.	4997.4	98.250	3514.4
#2	3758.3	51589.	5159.0	103.21	3539.2
#3	3766.7	51706.	5160.3	99.071	3547.5

Sample Name: J6568-05 Acquired: 12/28/2018 13:10:54 Type: Unk
Method: P4-ICP2(v2688) 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	.06811	-.00511	7.1799	.05883	.00946	125.91	.99970
Stddev	.00106	.00122	.0282	.00315	.00016	1.34	.00185
%RSD	1.5495	23.810	.39238	5.3591	1.6634	1.0603	.18528

#1	.06903	-.00498	7.2123	.05625	.00963	124.62	1.0002
#2	.06696	-.00396	7.1608	.05790	.00933	125.82	1.0012
#3	.06834	-.00638	7.1666	.06235	.00942	127.28	.99765

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00770	-.00130	10.075	.30403	.07113	.42674	264.58
Stddev	.00010	.00027	.031	.00328	.00043	.00195	1.47
%RSD	1.2868	20.588	.30902	1.0804	.60479	.45726	.55707

#1	.00760	-.00116	10.040	.30196	.07161	.42581	264.38
#2	.00771	-.00161	10.089	.30231	.07077	.42898	266.15
#3	.00780	-.00114	10.097	.30781	.07102	.42542	263.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.396	18.147	.31698	.00098	.23613	.33613	1.5264
Stddev	.130	.051	.00052	.00015	.00159	.00317	.0091
%RSD	.79089	.27977	.16341	14.838	.67494	.94376	.59587

#1	16.310	18.119	.31691	.00110	.23688	.33306	1.5329
#2	16.333	18.206	.31754	.00103	.23721	.33592	1.5304
#3	16.545	18.116	.31651	.00082	.23430	.33939	1.5160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6769	.00569	.19005	4.6552	2.0388	.04174	1.8990
Stddev	.0186	.00027	.00574	.0068	.0134	.00062	.0025
%RSD	.39773	4.6788	3.0200	.14584	.65826	1.4840	.12938

#1	4.6560	.00596	.18608	4.6490	2.0537	.04124	1.9000
#2	4.6827	.00568	.19663	4.6625	2.0276	.04155	1.8962
#3	4.6918	.00542	.18743	4.6542	2.0351	.04243	1.9008

Sample Name: J6568-05 Acquired: 12/28/2018 13:10:54 Type: Unk
 Method: P4-ICP2(v2688) 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	.08367	9.398	-.18607	.53109	F<.00000
Stddev	.00074	.021	.00171	.11109	.25156
%RSD	.88612	.2207	.92118	20.917	.25329
#1	.08318	9.419	-.18585	.54517	-99.606
#2	.08331	9.398	-.18788	.41364	-99.145
#3	.08452	9.377	-.18447	.63447	-99.201
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3925.0	54069.	5381.3	101.26	3537.1
Stddev	18.2	511.	18.6	.56	14.1
%RSD	.46252	.94459	.34495	.55370	.39989
#1	3915.4	54461.	5361.4	100.88	3520.8
#2	3913.7	54255.	5398.1	101.00	3545.4
#3	3945.9	53492.	5384.4	101.91	3545.2

Sample Name: J6548-08DLX10 Acquired: 12/28/2018 13:15:00 Type: Unk
Method: P4-ICP2(v2688) 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	-.00389	.00019	.02922	.00154	-.00114	.01255	.08461	.00002
Stddev	.00198	.00064	.00109	.00156	.00036	.01057	.00038	.00003
%RSD	51.068	338.14	3.7257	101.00	31.629	84.184	.44642	167.28

#1	-.00162	-.00003	.03043	.00248	-.00078	.01853	.08476	.00003
#2	-.00532	.00090	.02891	.00240	-.00150	.01878	.08489	-.00001
#3	-.00472	-.00031	.02832	-.00026	-.00113	.00035	.08418	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01762	12.582	.00019	.00055	.00067	.02345	.01826	.19368
Stddev	.00010	.082	.00019	.00025	.00040	.00668	.00004	.01753
%RSD	.58207	.65537	98.855	45.329	58.873	28.477	.20298	9.0507

#1	.01773	12.650	.00031	.00063	.00069	.02003	.01830	.18584
#2	.01761	12.606	-.00003	.00076	.00027	.01918	.01823	.18144
#3	.01753	12.490	.00028	.00027	.00106	.03115	.01826	.21376

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00060	36.739	.00012	5.6240	.24565	-.00079	.02465
Stddev	.00024	.00027	.115	.00047	.0163	.00753	.00022	.00575
%RSD	26.335	44.470	.31228	376.22	.28896	3.0649	28.328	23.344

#1	.00079	-.00036	36.772	.00048	5.6074	.25324	-.00054	.02084
#2	.00076	-.00056	36.833	-.00041	5.6248	.24551	-.00098	.03127
#3	.00119	-.00088	36.611	.00031	5.6399	.23818	-.00085	.02184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27194	.04930	-.00257	.00250	.00065	.0018	.04669	3.9692
Stddev	.00408	.00267	.00028	.00058	.00091	.0010	.00034	.0150
%RSD	1.5002	5.4090	11.068	23.120	140.12	55.77	.73585	.37817

#1	.26817	.04787	-.00228	.00238	.00165	.0014	.04692	3.9841
#2	.27627	.05237	-.00258	.00312	-.00013	.0010	.04686	3.9695
#3	.27137	.04765	-.00285	.00199	.00043	.0029	.04630	3.9541

Sample Name: J6548-08DLX10 Acquired: 12/28/2018 13:15:00 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .10105
%RSD 53.089

#1 -.07484
#2 -.23374
#3 -.26242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.9	45447.	4349.5	104.11	3794.2
Stddev	9.9	80.	18.9	.24	14.6
%RSD	.29835	.17667	.43409	.22759	.38358

#1	3323.7	45535.	4332.6	104.22	3777.4
#2	3338.1	45426.	4346.1	104.28	3803.4
#3	3342.8	45379.	4369.9	103.84	3801.7

Sample Name: J6533-13DLX10 Acquired: 12/28/2018 13:19:05 Type: Unk
Method: P4-ICP2(v2688) 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	-.01522	.00062	-.00970	.02519	.00272	.41704	.00964
Stddev	.00076	.00031	.00128	.00190	.00067	.00696	.00041
%RSD	4.9765	49.908	13.217	7.5292	24.711	1.6688	4.2614

#1	-.01584	.00034	-.00822	.02586	.00349	.42133	.00999
#2	-.01546	.00057	-.01039	.02305	.00233	.42078	.00919
#3	-.01438	.00095	-.01049	.02667	.00233	.40901	.00974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00310	5.8748	.02366	.00207	.01333	141.59
Stddev	.00007	.00015	.0350	.00035	.00008	.00021	.80
%RSD	21.569	4.8503	.59562	1.4593	3.9515	1.5734	.56773

#1	.00032	-.00305	5.9008	.02406	.00215	.01333	141.10
#2	.00023	-.00298	5.8885	.02341	.00208	.01353	141.15
#3	.00036	-.00327	5.8350	.02352	.00199	.01311	142.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51124	.55852	.00557	-.00572	17.343	.00205	1.5076
Stddev	.01032	.02590	.00019	.00053	.044	.00045	.0061
%RSD	2.0189	4.6371	3.4055	9.3008	.25366	21.816	.40477

#1	.52316	.58501	.00541	-.00626	17.390	.00246	1.5084
#2	.50557	.53325	.00552	-.00569	17.338	.00210	1.5011
#3	.50500	.55731	.00578	-.00520	17.302	.00158	1.5132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85761	.00225	.07509	.75656	.32906	.00329	.00722
Stddev	.03147	.00006	.00764	.00403	.00259	.00087	.00178
%RSD	3.6691	2.5134	10.175	.53218	.78827	26.438	24.606

#1	.85288	.00220	.08326	.75449	.33204	.00340	.00579
#2	.82878	.00231	.07387	.75400	.32783	.00409	.00921
#3	.89118	.00226	.06813	.76121	.32731	.00236	.00667

Sample Name: J6533-13DLX10 Acquired: 12/28/2018 13:19:05 Type: Unk
 Method: P4-ICP2(v2688) 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	.00009	.0262	-.10526	3.4243	F<.00000
Stddev	.00074	.0004	.00085	.1434	.48356
%RSD	809.66	1.610	.80611	4.1870	1.5771

#1	-.00025	.0262	-.10480	3.5896	-31.130
#2	.00095	.0266	-.10474	3.3491	-30.164
#3	-.00042	.0258	-.10624	3.3341	-30.692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.2	44862.	4351.1	100.57	3690.2
Stddev	12.3	836.	19.5	.47	7.4
%RSD	.37152	1.8637	.44851	.46525	.20164

#1	3297.3	43900.	4328.7	100.42	3684.1
#2	3320.5	45268.	4360.4	101.10	3687.9
#3	3315.9	45417.	4364.3	100.20	3698.5

Sample Name: J6533-16DLX10 Acquired: 12/28/2018 13:23:08 Type: Unk
Method: P4-ICP2(v2688) 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	-.01284	-.00094	-.01730	.02651	.00396	.02493	.02903
Stddev	.00116	.00061	.00033	.00109	.00155	.00813	.00114
%RSD	9.0497	64.553	1.8902	4.1215	39.275	32.619	3.9183

#1	-.01409	-.00148	-.01692	.02632	.00272	.01927	.02884
#2	-.01179	-.00029	-.01747	.02768	.00570	.02127	.03026
#3	-.01266	-.00105	-.01750	.02552	.00345	.03425	.02801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00323	25.144	-.00589	.00009	-.04395	154.74
Stddev	.00005	.00018	.227	.00040	.00019	.00052	.84
%RSD	16.310	5.4629	.90137	6.8695	212.60	1.1774	.54580

#1	.00035	-.00303	24.987	-.00609	-.00005	-.04367	154.37
#2	.00025	-.00335	25.404	-.00543	.00001	-.04454	155.70
#3	.00029	-.00332	25.042	-.00616	.00031	-.04363	154.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3623	5.5993	-.00798	-.00579	114.20	.00057	.27455
Stddev	.0220	.1038	.00009	.00037	.85	.00055	.00046
%RSD	1.6111	1.8533	1.1231	6.4485	.74151	95.724	.16592

#1	1.3758	5.4801	-.00805	-.00583	113.93	.00097	.27484
#2	1.3742	5.6694	-.00801	-.00615	115.15	-.00005	.27478
#3	1.3370	5.6484	-.00787	-.00540	113.53	.00079	.27402

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4626	-.00177	.09009	3.3732	.22031	-.00165	.00340
Stddev	.0081	.00014	.00395	.0227	.00537	.00057	.00066
%RSD	.55674	8.0866	4.3859	.67279	2.4366	34.396	19.250

#1	1.4662	-.00193	.09223	3.3983	.21659	-.00104	.00325
#2	1.4533	-.00165	.08553	3.3541	.22647	-.00175	.00412
#3	1.4683	-.00173	.09251	3.3671	.21788	-.00217	.00284

Sample Name: J6533-16DLX10 Acquired: 12/28/2018 13:23:08 Type: Unk
Method: P4-ICP2(v2688) 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	.00068	.0813	-.03679	3.6433	F<.00000
Stddev	.00119	.0015	.00058	.1616	.46508
%RSD	174.82	1.886	1.5696	4.4369	1.3909
#1	-.00068	.0808	-.03746	3.8098	-32.900
#2	.00157	.0831	-.03645	3.6332	-33.717
#3	.00116	.0801	-.03647	3.4870	-33.694
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.6	44255.	4318.4	98.451	3457.3
Stddev	32.0	688.	29.6	.491	41.8
%RSD	1.0058	1.5543	.68485	.49884	1.2084
#1	3140.7	43825.	4326.1	98.207	3411.8
#2	3196.1	43892.	4285.8	98.130	3466.2
#3	3195.9	45048.	4343.5	99.016	3493.9

Sample Name: CCV02 Acquired: 12/28/2018 13:27:11 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1575	4.7919	4.9207	5.0029	5.1428	10.355	10.090	.24600
Stddev	.0038	.0159	.0095	.0083	.0067	.095	.068	.00036
%RSD	.07342	.33240	.19297	.16686	.13103	.91399	.67593	.14635
#1	5.1610	4.7954	4.9211	4.9938	5.1351	10.273	10.151	.24627
#2	5.1581	4.8057	4.9300	5.0047	5.1454	10.334	10.102	.24559
#3	5.1535	4.7744	4.9110	5.0102	5.1478	10.459	10.016	.24615
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3902	26.525	1.0205	2.4186	1.2612	4.7505	2.5073	24.681
Stddev	.0037	.103	.0029	.0048	.0011	.0767	.0042	.117
%RSD	.15606	.38727	.27956	.19973	.08676	1.6149	.16732	.47456
#1	2.3894	26.436	1.0229	2.4182	1.2602	4.6950	2.5102	24.547
#2	2.3943	26.637	1.0212	2.4237	1.2611	4.8380	2.5091	24.766
#3	2.3870	26.502	1.0173	2.4140	1.2623	4.7184	2.5025	24.729
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3650	1.3137	23.879	2.3517	2.4769	25.158	5.1581	4.9606
Stddev	.0034	.0032	.131	.0039	.0408	.186	.0045	.0273
%RSD	.14391	.24651	.55007	.16429	1.6474	.73813	.08624	.55030
#1	2.3661	1.3139	24.010	2.3538	2.4683	25.294	5.1530	4.9517
#2	2.3678	1.3169	23.878	2.3540	2.5213	25.235	5.1609	4.9913
#3	2.3612	1.3104	23.748	2.3472	2.4410	24.947	5.1605	4.9389
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6321	5.0437	4.8549	4.9243	5.0254	4.824	5.3561	4.6362
Stddev	.0116	.0338	.0087	.0032	.0368	.012	.0444	.1033
%RSD	.24951	.67041	.17955	.06414	.73201	.2533	.82862	2.2278
#1	4.6236	5.0747	4.8532	4.9260	5.0551	4.837	5.3950	4.7418
#2	4.6452	5.0487	4.8643	4.9263	5.0369	4.821	5.3655	4.6313
#3	4.6274	5.0076	4.8471	4.9207	4.9842	4.813	5.3077	4.5354

Sample Name: CCV02 Acquired: 12/28/2018 13:27:11 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9371
Stddev	.2571
%RSD	13.273

#1	1.9798
#2	1.6613
#3	2.1701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.0	44199.	4297.4	98.479	3503.6
Stddev	5.6	192.	39.1	1.686	11.8
%RSD	.17206	.43341	.91028	1.7122	.33674

#1	3250.7	44035.	4262.8	98.772	3502.0
#2	3240.6	44152.	4289.6	96.666	3492.8
#3	3249.9	44409.	4339.8	100.00	3516.2

Sample Name: CCB02 Acquired: 12/28/2018 13:40:04 Type: Unk
Method: P4-ICP2(v2688) 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	.00071	F .00392	.00309	-.00218	-.00057	.00074
Stddev	.00120	.00061	.00038	.00147	.00132	.00815	.00150
%RSD	758.87	86.033	9.6030	47.437	60.318	1436.6	202.77

#1	.00107	.00078	.00387	.00476	-.00302	.00660	-.00050
#2	-.00132	.00129	.00357	.00247	-.00066	-.00943	.00240
#3	-.00022	.00007	.00432	.00203	-.00285	.00113	.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00005	.00635	-.00020	.00006	-.00016	.00963
Stddev	.00001	.00006	.00861	.00007	.00004	.00037	.00814
%RSD	28.029	130.98	135.65	34.304	67.184	230.82	84.532

#1	.00005	.00005	.00215	-.00013	.00008	-.00046	.01835
#2	.00003	-.00002	.01626	-.00027	.00010	.00025	.00223
#3	.00005	.00010	.00064	-.00022	.00002	-.00028	.00830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00261	.00054	-.00092	-.02328	-.00019	-.00065
Stddev	.00003	.00965	.00020	.00015	.00374	.00014	.00013
%RSD	17.937	370.24	36.516	16.598	16.053	75.413	20.674

#1	.00014	-.00568	.00065	-.00083	-.02734	-.00025	-.00058
#2	.00017	-.01034	.00065	-.00083	-.01999	-.00029	-.00080
#3	.00012	.00820	.00031	-.00110	-.02249	-.00003	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05797	-.00013	-.00378	-.00198	.00492	-.00138	.00241
Stddev	.01644	.00033	.00507	.00135	.00100	.00019	.00079
%RSD	28.359	259.58	134.11	67.865	20.318	13.694	32.682

#1	.04123	.00019	.00123	-.00051	.00396	-.00150	.00203
#2	.07409	-.00010	-.00891	-.00316	.00485	-.00148	.00331
#3	.05858	-.00048	-.00367	-.00228	.00596	-.00116	.00188

Sample Name: CCB02 Acquired: 12/28/2018 13:40:04 Type: Unk
Method: P4-ICP2(v2688) 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	-0.00111	-0.0015	-0.00009	F 3.9173	F<.00000
Stddev	.00147	.0004	.00008	.0845	.31035
%RSD	131.86	28.32	87.215	2.1563	44.497

#1	-0.00150	-0.0010	-0.00013	4.0083	-.34259
#2	.00051	-0.0017	-0.00014	3.9022	-.91808
#3	-0.00234	-0.0017	.00000	3.8414	-.83175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.8	46149.	4356.0	104.92	3938.8
Stddev	6.9	64.	32.3	.83	13.5
%RSD	.20567	.13942	.74068	.79003	.34315

#1	3341.2	46077.	4392.4	105.88	3924.3
#2	3354.5	46170.	4344.4	104.53	3940.9
#3	3350.8	46200.	4331.0	104.37	3951.1

Sample Name: PB116016BS Acquired: 12/28/2018 13:44:14 Type: Unk
Method: P4-ICP2(v2688) 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	.83112	1.9435	.99083	1.9783	.83607	2.1535	.22684
Stddev	.00365	.0026	.00179	.0034	.00337	.0215	.00174
%RSD	.43936	.13236	.18070	.17092	.40338	.99784	.76904

#1	.83373	1.9454	.99172	1.9815	.83986	2.1289	.22699
#2	.83269	1.9405	.98877	1.9748	.83339	2.1687	.22850
#3	.82695	1.9444	.99201	1.9787	.83495	2.1629	.22502

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19789	.18870	F 1.2118	.44766	.20321	.33133	3.1021
Stddev	.00183	.00014	.0101	.00478	.00058	.00082	.0906
%RSD	.92494	.07589	.83746	1.0688	.28701	.24878	2.9214

#1	.19758	.18878	1.2001	.44609	.20388	.33132	3.1126
#2	.19985	.18879	1.2177	.45303	.20295	.33216	3.1870
#3	.19623	.18853	1.2176	.44386	.20280	.33051	3.0067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22305	2.1730	.49310	.07619	3.1784	.30758	.20954
Stddev	.00214	.0121	.00095	.00112	.0177	.00212	.00615
%RSD	.96133	.55756	.19323	1.4720	.55549	.68951	2.9365

#1	.22230	2.1680	.49359	.07605	3.1696	.30550	.21097
#2	.22547	2.1868	.49201	.07738	3.1987	.30974	.21486
#3	.22139	2.1642	.49372	.07515	3.1669	.30750	.20280

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.265	.43948	.30267	F -.00332	.97240	.65589	.21034
Stddev	.055	.00068	.00679	.00225	.01028	.00136	.00098
%RSD	.49087	.15525	2.2441	67.710	1.0570	.20716	.46446

#1	11.219	.43979	.30922	-.00542	.97686	.65437	.21043
#2	11.327	.43996	.30314	-.00358	.97970	.65697	.20932
#3	11.251	.43870	.29566	-.00095	.96065	.65634	.21127

Sample Name: PB116016BS Acquired: 12/28/2018 13:44:14 Type: Unk
Method: P4-ICP2(v2688) 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	.22699	5.164	.22857	F 4.0190	F<.00000
Stddev	.00160	.006	.00153	.1122	.57735
%RSD	.70530	.1211	.66733	2.7910	16.520
#1	.22592	5.170	.22903	4.0407	-2.8305
#2	.22883	5.158	.22981	4.1187	-3.8748
#3	.22622	5.164	.22686	3.8976	-3.7793
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.2	46390.	4302.0	102.56	3897.4
Stddev	11.8	444.	35.5	3.25	9.2
%RSD	.35412	.95680	.82490	3.1708	.23562
#1	3328.8	46416.	4271.4	101.79	3889.6
#2	3336.7	45934.	4293.6	99.764	3895.1
#3	3352.1	46821.	4340.9	106.13	3907.6

Sample Name: PB116018BS Acquired: 12/28/2018 13:48:01 Type: Unk
Method: P4-ICP2(v2688) 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	.80131	1.8833	.96047	1.9116	.80824	2.0469	.21719
Stddev	.00343	.0072	.00443	.0060	.00385	.0111	.00077
%RSD	.42812	.38245	.46095	.31219	.47647	.54069	.35654

#1	.79861	1.8780	.95739	1.9062	.80432	2.0437	.21631
#2	.80016	1.8804	.95848	1.9106	.80838	2.0592	.21749
#3	.80517	1.8915	.96554	1.9180	.81202	2.0378	.21776

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18898	.18293	1.1758	.43107	.19608	.31945	2.9430
Stddev	.00042	.00027	.0071	.00116	.00054	.00190	.0121
%RSD	.22216	.14984	.60419	.27020	.27305	.59394	.41239

#1	.18893	.18270	1.1695	.43051	.19547	.31762	2.9512
#2	.18942	.18284	1.1744	.43241	.19639	.31933	2.9487
#3	.18858	.18323	1.1835	.43029	.19640	.32141	2.9291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21656	2.1209	.47505	.07400	3.0510	.29441	.21121
Stddev	.00030	.0229	.00188	.00065	.0311	.00051	.00020
%RSD	.13785	1.0788	.39601	.87356	1.0190	.17177	.09698

#1	.21648	2.1290	.47347	.07468	3.0152	.29470	.21103
#2	.21689	2.0951	.47454	.07339	3.0705	.29382	.21143
#3	.21631	2.1387	.47713	.07394	3.0674	.29470	.21116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.744	.42543	.28944	F .01140	.93646	.63662	.20201
Stddev	.069	.00259	.01196	.00189	.00184	.00238	.00173
%RSD	.64271	.60986	4.1334	16.560	.19613	.37355	.85580

#1	10.683	.42296	.27795	.01304	.93437	.63865	.20097
#2	10.819	.42520	.30182	.00934	.93785	.63400	.20105
#3	10.729	.42813	.28853	.01184	.93714	.63721	.20400

Sample Name: PB116018BS Acquired: 12/28/2018 13:48:01 Type: Unk
Method: P4-ICP2(v2688) 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	.21542	4.977	.21762	F 3.9253	F<.00000
Stddev	.00093	.015	.00143	.0258	.48039
%RSD	.43093	.2967	.65720	.65821	17.349
#1	.21476	4.967	.21796	3.9153	-2.8522
#2	.21649	4.970	.21884	3.9547	-3.2023
#3	.21503	4.994	.21604	3.9060	-2.2524
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.3	46846.	4326.4	103.92	3947.5
Stddev	2.6	190.	14.9	.34	11.1
%RSD	.07779	.40529	.34534	.32353	.28024
#1	3381.2	46759.	4333.8	103.73	3936.3
#2	3380.5	46715.	4309.3	103.71	3947.8
#3	3385.3	47063.	4336.3	104.30	3958.4

Sample Name: PB116017BS Acquired: 12/28/2018 13:51:49 Type: Unk
Method: P4-ICP2(v2688) 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	.80475	1.9110	.96643	1.9779	.81503	2.0138	.21246
Stddev	.00390	.0078	.00223	.0058	.00392	.0109	.00030
%RSD	.48511	.40843	.23114	.29272	.48095	.53995	.14101

#1	.80225	1.9175	.96852	1.9742	.81119	2.0106	.21260
#2	.80275	1.9024	.96407	1.9751	.81487	2.0049	.21212
#3	.80925	1.9133	.96670	1.9846	.81903	2.0259	.21267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19756	.18493	1.1271	.42109	.19311	.32143	2.8533
Stddev	.00061	.00037	.0033	.00143	.00036	.00117	.0644
%RSD	.30993	.20207	.29525	.33953	.18838	.36417	2.2584

#1	.19711	.18463	1.1233	.42248	.19328	.32029	2.8800
#2	.19730	.18481	1.1283	.41962	.19269	.32136	2.7798
#3	.19825	.18535	1.1296	.42116	.19335	.32263	2.9001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21062	2.0939	.47162	.07614	2.9732	.28539	.20513
Stddev	.00036	.0320	.00021	.00064	.0074	.00086	.00279
%RSD	.17036	1.5266	.04379	.83989	.24886	.29962	1.3624

#1	.21083	2.1237	.47186	.07671	2.9745	.28516	.20618
#2	.21021	2.0978	.47150	.07545	2.9798	.28468	.20196
#3	.21083	2.0601	.47150	.07625	2.9652	.28634	.20724

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.568	.42030	.28461	F -.00416	.96159	.63920	.19613
Stddev	.039	.00151	.00289	.00201	.00507	.00124	.00066
%RSD	.36911	.35996	1.0168	48.407	.52745	.19438	.33855

#1	10.607	.41876	.28721	-.00648	.96645	.63791	.19579
#2	10.529	.42036	.28149	-.00310	.96200	.64039	.19690
#3	10.566	.42178	.28511	-.00290	.95633	.63929	.19571

Sample Name: PB116017BS Acquired: 12/28/2018 13:51:49 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20954	5.096	.21154	F 4.2304	F<.00000
Stddev	.00109	.006	.00123	.0193	.36411
%RSD	.51934	.1192	.58104	.45542	16.506
#1	.21033	5.089	.21273	4.2278	-1.8526
#2	.20830	5.099	.21160	4.2509	-2.5799
#3	.21000	5.100	.21028	4.2126	-2.1853
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.5	45988.	4254.2	102.51	3891.4
Stddev	1.4	91.	25.1	1.36	1.8
%RSD	.04097	.19725	.58952	1.3256	.04670
#1	3360.5	45891.	4233.2	101.83	3889.5
#2	3360.2	46002.	4247.3	104.08	3891.7
#3	3358.0	46071.	4282.0	101.63	3893.1

Sample Name: PB116011BS Acquired: 12/28/2018 13:55:36 Type: Unk
Method: P4-ICP2(v2688) 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	.80966	1.9216	.96999	1.9849	.81774	2.0217	.21262
Stddev	.00063	.0017	.00283	.0024	.00102	.0050	.00058
%RSD	.07810	.08957	.29199	.12329	.12472	.24561	.27135

#1	.81037	1.9229	.96874	1.9821	.81657	2.0182	.21278
#2	.80947	1.9197	.96800	1.9867	.81846	2.0273	.21309
#3	.80915	1.9223	.97323	1.9858	.81819	2.0194	.21197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19893	.18568	1.1190	.41902	.19378	.32296	2.8674
Stddev	.00078	.00025	.0118	.00139	.00074	.00070	.0409
%RSD	.39379	.13691	1.0570	.33228	.38353	.21749	1.4265

#1	.19907	.18565	1.1255	.41814	.19308	.32293	2.9143
#2	.19809	.18543	1.1262	.41829	.19456	.32367	2.8490
#3	.19964	.18594	1.1054	.42062	.19370	.32227	2.8389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21104	2.0717	.47416	.07613	2.9997	.28544	.20435
Stddev	.00008	.0303	.00188	.00083	.0129	.00056	.00221
%RSD	.03698	1.4626	.39588	1.0844	.42859	.19477	1.0814

#1	.21096	2.0649	.47385	.07559	2.9849	.28601	.20685
#2	.21104	2.0454	.47246	.07571	3.0070	.28541	.20356
#3	.21112	2.1048	.47618	.07708	3.0073	.28490	.20265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.616	.42183	.28822	F -.00578	.96190	.64212	.19695
Stddev	.017	.00087	.00573	.00051	.00818	.00296	.00242
%RSD	.16397	.20660	1.9878	8.8030	.85050	.46052	1.2269

#1	10.597	.42084	.28185	-.00542	.95742	.64414	.19760
#2	10.621	.42213	.28985	-.00636	.95694	.63873	.19427
#3	10.630	.42251	.29295	-.00555	.97134	.64349	.19897

Sample Name: PB116011BS Acquired: 12/28/2018 13:55:36 Type: Unk
Method: P4-ICP2(v2688) 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	.21241	5.126	.21254	F 4.0845	F<.00000
Stddev	.00206	.005	.00106	.0415	.36739
%RSD	.97063	.1020	.49998	1.0152	15.387
#1	.21040	5.129	.21313	4.0375	-2.8102
#2	.21452	5.120	.21131	4.1161	-2.1439
#3	.21232	5.129	.21317	4.0997	-2.2088
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3353.9	45942.	4264.3	102.90	3876.5
Stddev	4.4	70.	5.3	1.40	4.7
%RSD	.13144	.15197	.12423	1.3582	.12233
#1	3349.2	45981.	4258.2	101.35	3871.1
#2	3354.5	45862.	4266.3	103.29	3878.2
#3	3358.0	45985.	4268.2	104.06	3880.1

Sample Name: PB116003BS Acquired: 12/28/2018 13:59:21 Type: Unk
Method: P4-ICP2(v2688) 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	.80767	1.8935	.96396	1.9177	.82144	2.0739	.21933
Stddev	.00442	.0047	.00131	.0041	.00175	.0549	.00027
%RSD	.54741	.24952	.13602	.21383	.21361	2.6450	.12181

#1	.80461	1.8900	.96520	1.9217	.82347	2.0765	.21964
#2	.81274	1.8918	.96410	1.9179	.82054	2.1274	.21916
#3	.80566	1.8989	.96259	1.9135	.82033	2.0177	.21919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19272	.18349	1.1607	.43790	.19774	.32212	2.9563
Stddev	.00521	.00024	.0044	.01181	.00008	.00057	.0405
%RSD	2.7042	.13100	.37675	2.6973	.04015	.17622	1.3694

#1	.19057	.18321	1.1649	.43383	.19783	.32148	2.9811
#2	.19866	.18359	1.1562	.45120	.19767	.32255	2.9783
#3	.18893	.18365	1.1609	.42865	.19772	.32234	2.9096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21748	2.0868	.47869	.07483	3.0677	.29925	.20089
Stddev	.00595	.0163	.00017	.00164	.0135	.00816	.00224
%RSD	2.7376	.77924	.03492	2.1886	.44022	2.7280	1.1147

#1	.21503	2.0702	.47852	.07409	3.0522	.29522	.20287
#2	.22427	2.1027	.47885	.07671	3.0771	.30865	.20136
#3	.21315	2.0876	.47870	.07369	3.0738	.29389	.19846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.787	.43206	.29744	F -.00194	.94123	.64531	.20333
Stddev	.042	.00096	.00281	.00181	.00378	.00329	.00139
%RSD	.38661	.22266	.94309	93.116	.40166	.50950	.68123

#1	10.763	.43123	.29432	-.00257	.93750	.64349	.20177
#2	10.835	.43311	.29825	-.00335	.94114	.64334	.20439
#3	10.763	.43184	.29976	.00010	.94506	.64911	.20384

Sample Name: PB116003BS Acquired: 12/28/2018 13:59:21 Type: Unk
 Method: P4-ICP2(v2688) 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	.21619	5.025	.21875	F 4.0374	F<.00000
Stddev	.00067	.013	.00026	.2153	.24650
%RSD	.30962	.2660	.11951	5.3331	8.6460
#1	.21618	5.016	.21868	3.9336	-2.7360
#2	.21687	5.020	.21904	4.2849	-3.1340
#3	.21553	5.041	.21853	3.8936	-2.6830
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.1	46386.	4331.2	104.41	3927.6
Stddev	15.9	1049.	10.8	1.46	13.3
%RSD	.47164	2.2606	.24895	1.3957	.33764
#1	3356.4	46732.	4332.5	103.02	3912.3
#2	3364.0	45208.	4341.3	104.29	3934.0
#3	3386.9	47217.	4319.9	105.93	3936.4

Sample Name: PB116048BS Acquired: 12/28/2018 14:03:06 Type: Unk
Method: P4-ICP2(v2688) 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	.81420	1.8961	.96955	1.9423	.82491	2.0641	.21822
Stddev	.00410	.0164	.00673	.0136	.00755	.0142	.00058
%RSD	.50335	.86626	.69391	.70190	.91476	.68739	.26414

#1	.81096	1.8828	.96351	1.9323	.81756	2.0479	.21846
#2	.81284	1.8911	.96834	1.9368	.82452	2.0738	.21757
#3	.81881	1.9145	.97680	1.9578	.83264	2.0708	.21864

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19203	.18361	1.1640	.43313	.19867	.32504	2.9564
Stddev	.00042	.00177	.0135	.00132	.00131	.00237	.0419
%RSD	.22131	.96582	1.1576	.30499	.65869	.72895	1.4184

#1	.19247	.18203	1.1533	.43174	.19730	.32354	2.9168
#2	.19199	.18326	1.1791	.43436	.19880	.32382	2.9521
#3	.19162	.18553	1.1594	.43330	.19991	.32777	3.0004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21512	2.0825	.48249	.07267	3.0709	.29498	.20541
Stddev	.00045	.0430	.00345	.00078	.0122	.00101	.00456
%RSD	.20809	2.0626	.71522	1.0676	.39777	.34297	2.2217

#1	.21562	2.0333	.48087	.07178	3.0569	.29611	.20216
#2	.21474	2.1120	.48015	.07305	3.0763	.29464	.20343
#3	.21501	2.1023	.48645	.07318	3.0794	.29417	.21062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.050	.43201	.29480	F -.00210	.94495	.64980	.20227
Stddev	.051	.00330	.00697	.00167	.00489	.00352	.00306
%RSD	.46354	.76365	2.3627	79.789	.51733	.54119	1.5141

#1	11.034	.42955	.29690	-.00322	.94769	.64629	.20475
#2	11.107	.43073	.30047	-.00290	.93930	.64977	.20322
#3	11.009	.43576	.28703	-.00017	.94785	.65332	.19885

Sample Name: PB116048BS Acquired: 12/28/2018 14:03:06 Type: Unk
Method: P4-ICP2(v2688) 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	.21582	5.091	.21927	F 3.9474	F<.00000
Stddev	.00018	.035	.00021	.0591	.25974
%RSD	.08502	.6795	.09590	1.4983	10.432
#1	.21597	5.066	.21934	3.8863	-2.5195
#2	.21562	5.077	.21904	4.0043	-2.7337
#3	.21588	5.131	.21944	3.9515	-2.2167
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.6	46769.	4340.8	103.76	3897.8
Stddev	8.9	95.	11.5	1.42	8.1
%RSD	.26577	.20250	.26556	1.3707	.20844
#1	3357.6	46849.	4336.6	104.53	3897.8
#2	3357.9	46665.	4353.9	104.63	3905.9
#3	3342.4	46794.	4332.1	102.12	3889.6

Sample Name: J6529-16 Acquired: 12/28/2018 14:11:12 Type: Unk
Method: P4-ICP2(v2688) 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	-.00533	-.00315	.00580	.00673	-.00199	-.00411	.27202	-.00004
Stddev	.00278	.00078	.00016	.00136	.00148	.01506	.00038	.00002
%RSD	52.147	24.686	2.6827	20.143	74.139	366.12	.13996	41.448

#1	-.00320	-.00395	.00584	.00740	-.00217	.00910	.27182	-.00002
#2	-.00432	-.00312	.00562	.00517	-.00043	-.00093	.27246	-.00003
#3	-.00848	-.00239	.00592	.00763	-.00337	-.02051	.27178	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	197.91	.00038	-.00044	.00729	-.04740	.01684	4.9400
Stddev	.00016	.52	.00032	.00014	.00028	.00779	.00011	.0700
%RSD	248.91	.26156	84.729	32.781	3.8973	16.426	.63131	1.4161

#1	-.00012	197.97	.00001	-.00042	.00762	-.05296	.01679	4.8689
#2	.00015	197.36	.00056	-.00059	.00710	-.05073	.01696	4.9425
#3	.00016	198.39	.00058	-.00030	.00716	-.03850	.01677	5.0087

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.00107	350.37	.00042	.10288	1.9163	.00091	.02908
Stddev	.00026	.00034	2.65	.00011	.00132	.0277	.00024	.00914
%RSD	13.319	32.292	.75655	25.171	1.2849	1.4466	25.987	31.427

#1	.00168	-.00137	353.37	.00054	.10375	1.8866	.00114	.02023
#2	.00219	-.00114	348.34	.00035	.10135	1.9415	.00091	.02852
#3	.00190	-.00069	349.40	.00037	.10352	1.9210	.00067	.03848

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5081	.84915	-.00100	-.00043	.01152	.0336	.41147	5.1771
Stddev	.0040	.00598	.00070	.00078	.00214	.0008	.00105	.0452
%RSD	.26611	.70395	70.514	179.24	18.554	2.413	.25612	.87362

#1	1.5119	.84992	-.00032	-.00130	.00999	.0329	.41235	5.1627
#2	1.5085	.84282	-.00094	.00021	.01060	.0345	.41030	5.2278
#3	1.5039	.85470	-.00173	-.00021	.01396	.0334	.41176	5.1408

Sample Name: J6529-16 Acquired: 12/28/2018 14:11:12 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4741
Stddev	.3399
%RSD	13.737

#1	2.1041
#2	2.5455
#3	2.7725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.9	41917.	4260.7	99.989	3322.4
Stddev	19.1	99.	24.1	1.464	3.7
%RSD	.62561	.23520	.56514	1.4638	.11096

#1	3037.7	41859.	4237.2	98.979	3318.2
#2	3040.0	41862.	4285.4	101.67	3324.6
#3	3071.9	42031.	4259.6	99.321	3324.5

Sample Name: J6529-17 Acquired: 12/28/2018 14:31:59 Type: Unk
Method: P4-ICP2(v2688) 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	-.00233	-.00190	.00617	.00662	-.00271	.01358	.18275	.00001
Stddev	.00113	.00061	.00060	.00408	.00032	.00829	.00046	.00001
%RSD	48.421	31.848	9.8087	61.639	11.694	61.050	.25443	125.48

#1	-.00199	-.00180	.00566	.00669	-.00240	.00987	.18254	.00001
#2	-.00141	-.00255	.00684	.01067	-.00304	.02309	.18328	.00003
#3	-.00358	-.00135	.00601	.00251	-.00270	.00780	.18242	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	140.15	.00035	-.00016	.00027	-.01954	.12439	6.1697
Stddev	.00002	.52	.00028	.00006	.00013	.00789	.00155	.0269
%RSD	5.0357	.37345	79.227	35.214	48.482	40.375	1.2463	.43530

#1	.00044	139.60	.00027	-.00020	.00042	-.02841	.12618	6.1626
#2	.00042	140.22	.00012	-.00010	.00018	-.01691	.12339	6.1471
#3	.00047	140.64	.00066	-.00018	.00022	-.01330	.12361	6.1994

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.00053	301.90	.00056	.12020	2.9229	.00094	.05543
Stddev	.00008	.00029	4.20	.00030	.00118	.0307	.00019	.00363
%RSD	4.1807	55.574	1.3928	52.655	.98192	1.0490	20.160	6.5403

#1	.00189	-.00048	297.05	.00042	.11897	2.9362	.00087	.05832
#2	.00187	-.00026	304.33	.00090	.12133	2.8879	.00079	.05661
#3	.00202	-.00084	304.33	.00036	.12031	2.9448	.00115	.05136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0768	1.3529	-.00219	.00010	.01042	.0584	.29695	5.0537
Stddev	.0053	.0101	.00020	.00055	.00058	.0010	.00087	.0909
%RSD	.17239	.74767	9.2157	524.40	5.5887	1.681	.29230	1.7981

#1	3.0821	1.3451	-.00232	-.00052	.00979	.0576	.29598	5.1583
#2	3.0715	1.3643	-.00228	.00034	.01094	.0595	.29722	4.9939
#3	3.0768	1.3492	-.00195	.00050	.01052	.0582	.29765	5.0089

Sample Name: J6529-17 Acquired: 12/28/2018 14:31:59 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5205
 Stddev .4407
 %RSD 28.986

#1 1.0233
 #2 1.8632
 #3 1.6750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.8	42233.	4295.9	101.20	3397.6
Stddev	5.8	520.	23.7	1.05	11.9
%RSD	.18858	1.2322	.55210	1.0371	.34926

#1	3089.6	41639.	4316.7	102.21	3387.1
#2	3101.3	42607.	4270.1	100.11	3395.2
#3	3096.4	42454.	4301.0	101.29	3410.5

Sample Name: J6582-01 Acquired: 12/28/2018 14:36:11 Type: Unk
Method: P4-ICP2(v2688) 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	.00108	-.00138	.00321	.00478	-.00361	.02500	.19875	.00006
Stddev	.00093	.00099	.00047	.00269	.00103	.00337	.00045	.00004
%RSD	85.584	71.749	14.600	56.130	28.501	13.483	.22448	63.398
#1	.00211	-.00160	.00309	.00215	-.00425	.02560	.19909	.00007
#2	.00031	-.00225	.00282	.00752	-.00416	.02136	.19890	.00009
#3	.00083	-.00030	.00373	.00469	-.00242	.02802	.19824	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	228.12	-.00017	-.00035	-.00066	-.06558	.00080	78.146
Stddev	.00005	.50	.00033	.00014	.00048	.00704	.00004	.382
%RSD	38.253	.21790	193.09	40.250	71.844	10.732	4.4263	.48906
#1	-.00019	227.65	.00017	-.00027	-.00040	-.07280	.00081	78.193
#2	-.00009	228.09	-.00019	-.00052	-.00037	-.06520	.00083	77.743
#3	-.00012	228.64	-.00050	-.00027	-.00121	-.05874	.00076	78.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	-.00091	1015.4	.00178	.05192	37.581	.02241	.45317
Stddev	.00029	.00071	19.8	.00054	.00065	.067	.00025	.00718
%RSD	15.227	78.155	1.9481	30.504	1.2552	.17786	1.1209	1.5844
#1	-.00212	-.00019	1037.3	.00125	.05213	37.605	.02218	.46142
#2	-.00194	-.00161	1010.4	.00176	.05119	37.506	.02268	.44830
#3	-.00156	-.00092	998.69	.00233	.05244	37.633	.02239	.44980
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.471	F 16.267	-.03729	-.00307	.03228	.0544	1.3879	6.0155
Stddev	.248	.038	.00027	.00012	.00163	.0010	.0037	.0925
%RSD	.25670	.23272	.71458	3.7673	5.0422	1.820	.26717	1.5374
#1	96.755	16.310	-.03709	-.00307	.03141	.0554	1.3850	6.1219
#2	96.299	16.238	-.03719	-.00295	.03128	.0535	1.3865	5.9541
#3	96.359	16.253	-.03759	-.00318	.03416	.0542	1.3921	5.9706

Sample Name: J6582-01 Acquired: 12/28/2018 14:36:11 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.3189
Stddev .4638
%RSD 10.740

#1 4.3481
#2 4.7675
#3 3.8412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.3	38299.	4105.7	95.467	2964.9
Stddev	13.5	137.	12.9	1.269	13.1
%RSD	.47944	.35867	.31389	1.3294	.44019

#1	2803.4	38146.	4091.1	95.062	2955.2
#2	2826.9	38342.	4115.7	96.889	2979.7
#3	2803.7	38410.	4110.2	94.449	2959.7

Sample Name: PB116066BS Acquired: 12/28/2018 14:49:14 Type: Unk
Method: P4-ICP2(v2688) 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	.84792	1.9874	1.0094	2.0070	.85731	2.0967	.22161
Stddev	.00985	.0121	.0068	.0121	.00455	.0253	.00035
%RSD	1.1611	.61020	.67574	.60302	.53020	1.2067	.15966

#1	.83658	1.9735	1.0018	1.9953	.85219	2.0676	.22197
#2	.85291	1.9941	1.0112	2.0062	.85887	2.1132	.22160
#3	.85428	1.9948	1.0151	2.0194	.86088	2.1093	.22126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19609	.19239	1.1887	.43563	.20457	.33619	2.9565
Stddev	.00076	.00114	.0120	.00167	.00092	.00294	.0272
%RSD	.38739	.59168	1.0092	.38243	.44951	.87327	.91840

#1	.19544	.19110	1.2020	.43375	.20357	.33286	2.9252
#2	.19591	.19325	1.1789	.43620	.20477	.33731	2.9718
#3	.19693	.19284	1.1850	.43693	.20538	.33840	2.9726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21844	2.0984	.49386	.07770	3.1675	.29790	.21456
Stddev	.00076	.0147	.00366	.00097	.0225	.00139	.00140
%RSD	.34620	.70220	.74199	1.2430	.71008	.46757	.65395

#1	.21790	2.1063	.49032	.07693	3.1826	.29735	.21327
#2	.21811	2.0814	.49363	.07738	3.1783	.29686	.21437
#3	.21930	2.1074	.49764	.07878	3.1417	.29948	.21605

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.985	.45035	.29751	F .00109	.97049	.67335	.20543
Stddev	.053	.00331	.00410	.00327	.01391	.00530	.00036
%RSD	.48447	.73558	1.3784	301.11	1.4338	.78762	.17349

#1	11.046	.44664	.30159	.00312	.97618	.66727	.20582
#2	10.946	.45137	.29755	.00282	.95463	.67580	.20536
#3	10.963	.45303	.29338	-.00268	.98066	.67700	.20511

Sample Name: PB116066BS Acquired: 12/28/2018 14:49:14 Type: Unk
Method: P4-ICP2(v2688) 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	.21890	5.259	.22244	F 4.0313	F<.00000
Stddev	.00191	.022	.00254	.0678	.32178
%RSD	.87465	.4208	1.1407	1.6827	9.3055
#1	.22109	5.234	.22441	4.0836	-3.7726
#2	.21755	5.265	.21958	4.0557	-3.4719
#3	.21805	5.277	.22333	3.9547	-3.1295
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.4	46610.	4325.2	104.70	3905.3
Stddev	7.6	95.	52.8	.10	10.3
%RSD	.22677	.20430	1.2214	.09717	.26495
#1	3341.9	46527.	4278.5	104.60	3899.9
#2	3336.7	46588.	4382.5	104.80	3898.8
#3	3351.7	46714.	4314.7	104.68	3917.2

Sample Name: CCV03 Acquired: 12/28/2018 14:52:59 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3579	4.8474	5.0281	5.1171	5.3166	10.479	10.268	.25111
Stddev	.0094	.0184	.0195	.0259	.0156	.055	.061	.00129
%RSD	.17565	.37894	.38842	.50572	.29270	.52824	.59067	.51423
#1	5.3567	4.8503	5.0191	5.1017	5.3081	10.437	10.336	.25259
#2	5.3492	4.8277	5.0147	5.1026	5.3071	10.458	10.246	.25055
#3	5.3679	4.8641	5.0505	5.1470	5.3345	10.542	10.221	.25019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4311	27.011	1.0316	2.4724	1.2894	4.7657	2.5544	25.179
Stddev	.0080	.139	.0021	.0091	.0033	.0251	.0043	.171
%RSD	.32975	.51320	.20247	.36699	.25359	.52680	.16702	.67853
#1	2.4302	26.988	1.0340	2.4721	1.2872	4.7394	2.5585	24.989
#2	2.4235	26.884	1.0303	2.4635	1.2878	4.7894	2.5546	25.319
#3	2.4395	27.159	1.0306	2.4816	1.2931	4.7684	2.5500	25.231
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3946	1.3492	24.161	2.3592	2.5345	25.692	5.3464	4.9851
Stddev	.0080	.0022	.094	.0053	.0173	.123	.0171	.0257
%RSD	.33472	.16473	.38861	.22664	.68080	.47977	.31953	.51471
#1	2.3966	1.3516	24.259	2.3624	2.5398	25.828	5.3357	4.9577
#2	2.3858	1.3490	24.151	2.3621	2.5485	25.661	5.3373	5.0085
#3	2.4015	1.3471	24.072	2.3530	2.5152	25.588	5.3661	4.9891
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6727	5.1828	4.9861	5.0284	5.1285	4.921	5.4050	4.7313
Stddev	.0254	.0309	.0223	.0032	.0298	.019	.0840	.0540
%RSD	.54361	.59573	.44697	.06464	.58061	.3777	1.5540	1.1407
#1	4.6773	5.2134	4.9786	5.0250	5.1628	4.936	5.4945	4.7781
#2	4.6453	5.1832	4.9685	5.0287	5.1135	4.900	5.3927	4.6723
#3	4.6955	5.1517	5.0111	5.0314	5.1092	4.927	5.3279	4.7435

Sample Name: CCV03 Acquired: 12/28/2018 14:52:59 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7146
Stddev .6809
%RSD 39.711

#1 .97927
#2 1.8412
#3 2.3232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.1	44227.	4293.9	98.710	3493.3
Stddev	7.3	117.	31.3	.803	9.1
%RSD	.22766	.26526	.72999	.81386	.26157

#1	3209.3	44144.	4264.1	98.531	3496.9
#2	3204.9	44176.	4291.1	98.011	3500.2
#3	3195.0	44361.	4326.6	99.587	3483.0

Sample Name: CCB03 Acquired: 12/28/2018 14:56:44 Type: Unk
Method: P4-ICP2(v2688) 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	-.00022	.00093	.00120	.00130	.00026	-.00727	.00223
Stddev	.00088	.00040	.00100	.00243	.00034	.00480	.00032
%RSD	390.39	42.548	83.391	186.27	132.76	66.001	14.387

#1	-.00031	.00055	.00142	-.00040	.00063	-.00293	.00247
#2	-.00106	.00134	.00208	.00023	-.00005	-.01243	.00235
#3	.00069	.00091	.00011	.00408	.00020	-.00646	.00186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	.01458	-.00007	.00008	-.00024	.00977
Stddev	.00005	.00005	.01103	.00025	.00013	.00042	.00493
%RSD	94.407	233.89	75.677	365.25	169.66	178.31	50.483

#1	-.00000	-.00002	.01843	.00022	.00019	-.00053	.01435
#2	.00006	.00001	.02317	-.00017	.00010	.00025	.00454
#3	.00009	.00007	.00214	-.00026	-.00007	-.00043	.01043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00481	.00077	-.00078	.03211	-.00000	-.00067
Stddev	.00006	.02869	.00011	.00016	.00583	.00021	.00008
%RSD	60.826	596.23	14.598	20.434	18.141	10579.	11.460

#1	.00017	.03378	.00064	-.00084	.02992	-.00019	-.00062
#2	.00009	-.02359	.00082	-.00090	.02770	-.00004	-.00063
#3	.00005	.00424	.00084	-.00060	.03871	.00023	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05586	.00015	.00784	-.00036	.00581	-.00152	.00486
Stddev	.02411	.00014	.00247	.00150	.00082	.00039	.00056
%RSD	43.161	99.369	31.499	416.40	14.077	25.535	11.536

#1	.04490	.00030	.01013	.00052	.00528	-.00112	.00421
#2	.03918	.00014	.00522	.00049	.00675	-.00190	.00518
#3	.08350	.00001	.00816	-.00209	.00539	-.00153	.00518

Sample Name: CCB03 Acquired: 12/28/2018 14:56:44 Type: Unk
Method: P4-ICP2(v2688) 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	.00022	-.0014	-.00005	F 4.0426	F<.00000
Stddev	.00196	.0006	.00003	.0602	.03593
%RSD	891.55	44.33	49.936	1.4879	6.8685
#1	-.00204	-.0018	-.00004	3.9949	-.48311
#2	.00145	-.0018	-.00004	4.1102	-.55261
#3	.00126	-.0007	-.00008	4.0227	-.53370
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.8	46342.	4298.5	104.03	3984.4
Stddev	11.6	103.	26.6	.42	9.9
%RSD	.34485	.22301	.61827	.40469	.24876
#1	3358.2	46458.	4328.9	103.93	3974.4
#2	3380.7	46307.	4286.6	104.49	3994.2
#3	3364.5	46260.	4279.9	103.67	3984.6

Sample Name: J6533-08 Acquired: 12/28/2018 15:00:54 Type: Unk
Method: P4-ICP2(v2688) 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	-.00135	.00081	-.00028	.00212	-.00050	.00024	.01404	.00006
Stddev	.00136	.00040	.00037	.00370	.00089	.00799	.00045	.00004
%RSD	100.88	49.486	131.63	174.85	178.14	3323.3	3.2135	61.077

#1	-.00133	.00105	.00014	.00587	-.00069	-.00714	.01455	.00010
#2	-.00000	.00104	-.00041	.00201	.00047	-.00085	.01391	.00003
#3	-.00272	.00035	-.00057	-.00153	-.00128	.00872	.01368	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	7.5490	-.00012	.00001	-.00086	1.2806	.03248	1.2858
Stddev	.00009	.0541	.00007	.00013	.00029	.0092	.00017	.0393
%RSD	460.75	.71730	55.794	1833.7	33.411	.71483	.51711	3.0598

#1	-.00011	7.5474	-.00017	-.00014	-.00098	1.2785	.03266	1.3095
#2	-.00002	7.4956	-.00016	.00005	-.00053	1.2727	.03233	1.2404
#3	.00007	7.6039	-.00004	.00011	-.00108	1.2906	.03247	1.3075

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00074	50.054	-.00003	.07061	.40785	.00006	.01079
Stddev	.00036	.00025	.167	.00013	.00081	.01919	.00009	.00303
%RSD	174.91	34.600	.33458	429.80	1.1453	4.7041	141.74	28.049

#1	.00060	-.00102	49.869	-.00015	.06998	.40188	.00011	.00988
#2	-.00009	-.00052	50.196	-.00005	.07032	.39236	-.00004	.01417
#3	.00010	-.00067	50.097	.00011	.07152	.42931	.00012	.00832

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05426	.16649	-.00155	.00300	-.00013	.0007	.03757	4.6485
Stddev	.00192	.00219	.00065	.00052	.00094	.0002	.00011	.0470
%RSD	3.5371	1.3162	42.139	17.140	749.49	27.84	.28484	1.0105

#1	.05254	.16737	-.00109	.00359	.00085	.0005	.03763	4.6684
#2	.05391	.16810	-.00230	.00264	-.00103	.0009	.03762	4.6822
#3	.05633	.16399	-.00127	.00278	-.00019	.0007	.03744	4.5948

Sample Name: J6533-08 Acquired: 12/28/2018 15:00:54 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .53440
Stddev .40739
%RSD 76.233

#1 .52685
#2 .94551
#3 .13083

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.2	44575.	4274.0	102.16	3747.3
Stddev	7.9	145.	4.2	.51	13.5
%RSD	.24000	.32551	.09764	.50406	.36122

#1	3264.5	44412.	4278.7	102.17	3751.3
#2	3269.3	44623.	4272.5	102.66	3758.4
#3	3279.9	44690.	4270.8	101.63	3732.2

Sample Name: J6533-08DUP Acquired: 12/28/2018 15:05:01 Type: Unk
Method: P4-ICP2(v2688) 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	-.00150	.00039	-.00014	.00173	-.00140	.01654	.01486	.00005
Stddev	.00087	.00037	.00135	.00173	.00160	.00762	.00076	.00008
%RSD	57.873	94.241	999.96	100.21	114.27	46.101	5.1469	160.28

#1	-.00213	.00079	-.00080	.00062	-.00325	.01583	.01399	.00013
#2	-.00051	.00006	-.00103	.00084	-.00065	.02449	.01515	.00005
#3	-.00185	.00032	.00142	.00372	-.00031	.00929	.01544	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	7.8859	-.00041	.00007	-.00111	1.3388	.03404	1.3399
Stddev	.00009	.0283	.00009	.00003	.00005	.0218	.00026	.0318
%RSD	258.03	.35825	21.870	49.542	4.6880	1.6283	.77250	2.3715

#1	-.00014	7.8565	-.00030	.00003	-.00115	1.3303	.03419	1.3765
#2	.00000	7.9128	-.00046	.00007	-.00112	1.3226	.03374	1.3203
#3	.00003	7.8884	-.00046	.00009	-.00105	1.3636	.03420	1.3228

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00091	51.879	-.00013	.07311	.42337	.00001	.00490
Stddev	.00038	.00027	.112	.00006	.00131	.01774	.00002	.00589
%RSD	698.16	29.973	.21643	43.394	1.7939	4.1901	154.00	120.20

#1	-.00038	-.00122	51.771	-.00007	.07252	.41155	.00003	.00077
#2	.00037	-.00083	51.995	-.00018	.07220	.44377	-.00001	.01164
#3	-.00015	-.00069	51.872	-.00015	.07462	.41480	.00001	.00228

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05540	.17752	-.00218	.00399	-.00040	.0005	.03939	4.7031
Stddev	.00221	.00871	.00021	.00139	.00042	.0014	.00020	.0657
%RSD	3.9820	4.9053	9.4442	34.951	104.37	274.2	.51071	1.3979

#1	.05673	.18745	-.00240	.00417	-.00044	.0017	.03918	4.6507
#2	.05285	.17393	-.00199	.00529	-.00081	-.0010	.03940	4.6817
#3	.05662	.17118	-.00216	.00252	.00003	.0008	.03958	4.7769

Sample Name: J6533-08DUP Acquired: 12/28/2018 15:05:01 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .30609
Stddev .36155
%RSD 118.12

#1 -.10932
#2 .47776
#3 .54982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.5	44535.	4299.4	101.70	3754.6
Stddev	12.8	157.	12.3	1.36	13.9
%RSD	.38888	.35328	.28626	1.3332	.37123

#1	3278.7	44530.	4305.6	102.38	3738.5
#2	3303.6	44695.	4285.2	102.59	3762.6
#3	3286.3	44380.	4307.3	100.14	3762.6

Sample Name: J6533-08LX5 Acquired: 12/28/2018 15:09:08 Type: Unk
Method: P4-ICP2(v2688) 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	-.00230	.00140	-.00014	.00187	-.00125	.00085	.00482	.00006
Stddev	.00193	.00049	.00035	.00214	.00057	.00517	.00089	.00005
%RSD	83.913	35.023	253.03	114.36	45.515	608.24	18.442	83.075

#1	-.00119	.00170	-.00034	.00012	-.00177	.00463	.00447	.00012
#2	-.00118	.00166	.00026	.00123	-.00064	.00295	.00416	.00005
#3	-.00453	.00083	-.00033	.00426	-.00133	-.00504	.00584	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	1.6330	-.00006	.00009	-.00057	.27932	.00704	.30738
Stddev	.00006	.0154	.00004	.00014	.00055	.01563	.00006	.01792
%RSD	132.66	.94104	62.588	148.75	96.562	5.5966	.82783	5.8311

#1	.00008	1.6508	-.00004	.00023	-.00059	.28266	.00711	.31080
#2	-.00002	1.6242	-.00011	.00010	-.00001	.29301	.00699	.28799
#3	.00007	1.6241	-.00004	-.00005	-.00110	.26228	.00703	.32335

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00101	10.626	-.00014	.01434	.12221	.00002	-.00064
Stddev	.00026	.00040	.036	.00021	.00012	.02166	.00027	.00330
%RSD	40.341	39.318	.34205	153.47	.83315	17.720	1085.1	514.68

#1	.00049	-.00139	10.659	-.00036	.01436	.12793	.00000	-.00289
#2	.00093	-.00060	10.587	-.00011	.01421	.09827	-.00023	.00315
#3	.00049	-.00103	10.632	.00006	.01445	.14043	.00031	-.00218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01225	.04286	-.00241	.00356	-.00129	-.0006	.00796	4.4134
Stddev	.00202	.00086	.00044	.00187	.00109	.0010	.00003	.0527
%RSD	16.536	2.0093	18.283	52.696	84.833	164.6	.35890	1.1945

#1	.01095	.04235	-.00194	.00572	-.00100	.0005	.00793	4.3601
#2	.01121	.04385	-.00246	.00256	-.00250	-.0010	.00798	4.4655
#3	.01458	.04237	-.00282	.00239	-.00037	-.0012	.00796	4.4146

Sample Name: J6533-08LX5 Acquired: 12/28/2018 15:09:08 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .02629
%RSD 21.157

#1 -.12684
#2 -.09677
#3 -.14915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.5	45515.	4279.7	102.63	3938.1
Stddev	16.1	114.	33.8	.95	19.2
%RSD	.48143	.24941	.78933	.92856	.48632

#1	3349.7	45427.	4251.3	102.23	3929.4
#2	3337.9	45475.	4317.0	103.71	3924.8
#3	3369.9	45643.	4270.8	101.94	3960.0

Sample Name: J6533-08MS Acquired: 12/28/2018 15:13:18 Type: Unk
Method: P4-ICP2(v2688) 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	.78030	1.7823	.90582	1.8961	.77896	1.7788	.19391
Stddev	.01986	.0357	.01962	.0371	.01619	.0060	.00085
%RSD	2.5453	2.0051	2.1664	1.9569	2.0786	.33770	.43732

#1	.76066	1.7419	.88454	1.8570	.76211	1.7854	.19305
#2	.77987	1.7953	.90974	1.9004	.78037	1.7737	.19391
#3	.80037	1.8098	.92319	1.9308	.79440	1.7774	.19475

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17923	.17722	8.2980	.37754	.18327	.29973	3.6565
Stddev	.00260	.00377	.0282	.00423	.00391	.00642	.0406
%RSD	1.4499	2.1300	.34016	1.1209	2.1317	2.1405	1.1097

#1	.17632	.17299	8.2826	.37303	.17908	.29296	3.6239
#2	.18003	.17842	8.2808	.37818	.18393	.30050	3.6437
#3	.18133	.18025	8.3306	.38142	.18681	.30572	3.7020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21650	3.0516	.44621	.06861	50.475	.25562	.25938
Stddev	.00256	.0316	.00938	.00072	.034	.00285	.00701
%RSD	1.1833	1.0373	2.1017	1.0562	.06722	1.1137	2.7014

#1	.21355	3.0260	.43603	.06876	50.436	.25241	.25138
#2	.21776	3.0870	.44810	.06782	50.490	.25659	.26234
#3	.21818	3.0419	.45450	.06924	50.499	.25785	.26442

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3820	.40099	.26024	.04673	1.0292	.61753	.17469
Stddev	.0546	.00806	.00576	.00178	.0024	.01177	.00178
%RSD	.58164	2.0109	2.2122	3.8104	.23472	1.9061	1.0187

#1	9.3312	.39235	.26589	.04870	1.0265	.60437	.17264
#2	9.3749	.40229	.25438	.04523	1.0313	.62118	.17571
#3	9.4397	.40832	.26046	.04625	1.0298	.62705	.17572

Sample Name: J6533-08MS Acquired: 12/28/2018 15:13:18 Type: Unk
Method: P4-ICP2(v2688) 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	.17931	5.073	.22126	4.7373	F<.00000
Stddev	.00059	.105	.00018	.0951	.24788
%RSD	.32831	2.066	.08255	2.0081	18.998
#1	.17934	4.957	.22107	4.8093	-1.4524
#2	.17871	5.101	.22126	4.6294	-1.4433
#3	.17989	5.161	.22143	4.7731	-1.0186
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.6	44503.	4221.8	102.59	3714.8
Stddev	8.0	46.	4.0	.98	16.1
%RSD	.24483	.10413	.09498	.95863	.43403
#1	3275.6	44469.	4222.1	103.63	3705.2
#2	3287.3	44484.	4217.7	101.67	3705.7
#3	3290.9	44556.	4225.7	102.49	3733.4

Sample Name: J6533-08MSD Acquired: 12/28/2018 15:17:06 Type: Unk
Method: P4-ICP2(v2688) 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	.89455	2.0334	1.0378	2.1608	.88152	2.1699	.23137
Stddev	.00503	.0170	.0101	.0046	.00450	.0196	.00219
%RSD	.56243	.83771	.96977	.21143	.51012	.90318	.94540

#1	.89322	2.0180	1.0276	2.1561	.87970	2.1508	.22885
#2	.89032	2.0306	1.0380	2.1610	.87821	2.1899	.23254
#3	.90011	2.0517	1.0477	2.1653	.88664	2.1688	.23273

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21361	.20275	9.0721	.45151	.20984	.34288	4.2383
Stddev	.00094	.00213	.0920	.00174	.00239	.00294	.0393
%RSD	.44122	1.0497	1.0139	.38458	1.1412	.85610	.92635

#1	.21292	.20080	8.9660	.44976	.20806	.34015	4.1930
#2	.21321	.20242	9.1218	.45155	.20889	.34250	4.2629
#3	.21468	.20502	9.1286	.45323	.21256	.34598	4.2590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25444	3.4693	.50968	.08092	54.420	.30511	.29269
Stddev	.00106	.0256	.00574	.00024	.417	.00150	.00384
%RSD	.41697	.73692	1.1271	.30138	.76568	.49122	1.3104

#1	.25322	3.4652	.50555	.08084	54.272	.30354	.28851
#2	.25490	3.4967	.50724	.08073	54.098	.30527	.29353
#3	.25519	3.4460	.51624	.08120	54.891	.30653	.29604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.220	.45434	.31603	.04846	1.1814	.69649	.20428
Stddev	.053	.00215	.00287	.00194	.0122	.00597	.00299
%RSD	.46961	.47313	.90940	3.9990	1.0361	.85725	1.4658

#1	11.165	.45337	.31422	.04906	1.1676	.69095	.20767
#2	11.224	.45285	.31453	.05003	1.1857	.69570	.20202
#3	11.271	.45681	.31935	.04630	1.1909	.70282	.20314

Sample Name: J6533-08MSD Acquired: 12/28/2018 15:17:06 Type: Unk
Method: P4-ICP2(v2688) 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	.21716	5.773	.26053	4.8421	F<.00000
Stddev	.00251	.048	.00355	.0737	.30795
%RSD	1.1570	.8269	1.3617	1.5219	15.083

#1	.21741	5.728	.25834	4.9124	-2.3405
#2	.21454	5.767	.25862	4.8484	-1.7254
#3	.21955	5.823	.26462	4.7654	-2.0593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.9	44537.	4236.4	102.30	3724.9
Stddev	14.4	196.	19.8	.50	8.8
%RSD	.43718	.43936	.46797	.49340	.23739

#1	3271.3	44427.	4227.6	102.88	3723.1
#2	3296.1	44421.	4259.1	101.98	3734.5
#3	3296.3	44763.	4222.5	102.04	3717.1

Sample Name: J6533-08A Acquired: 12/28/2018 15:20:53 Type: Unk
Method: P4-ICP2(v2688) 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	.91096	2.0738	1.0552	2.1966	.89483	2.2803	.24379
Stddev	.00173	.0206	.0092	.0091	.00317	.0208	.00064
%RSD	.18953	.99307	.87623	.41264	.35381	.91057	.26109

#1	.91284	2.0517	1.0449	2.1918	.89844	2.2766	.24436
#2	.91057	2.0925	1.0627	2.2071	.89352	2.3027	.24310
#3	.90946	2.0770	1.0581	2.1910	.89252	2.2617	.24392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21995	.20609	9.4831	.46595	.21306	.34938	4.4630
Stddev	.00041	.00183	.0716	.00053	.00150	.00114	.0545
%RSD	.18804	.88873	.75542	.11368	.70496	.32550	1.2219

#1	.21948	.20421	9.5605	.46546	.21169	.34903	4.5248
#2	.22026	.20787	9.4695	.46588	.21467	.35065	4.4214
#3	.22011	.20617	9.4192	.46651	.21284	.34846	4.4429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26170	3.5986	.51956	.08320	55.698	.31427	.30022
Stddev	.00049	.0175	.00359	.00017	.661	.00191	.00725
%RSD	.18891	.48658	.69142	.20887	1.1876	.60797	2.4149

#1	.26142	3.5828	.51565	.08307	56.456	.31613	.30859
#2	.26227	3.6175	.52272	.08339	55.235	.31231	.29575
#3	.26140	3.5956	.52029	.08312	55.405	.31438	.29633

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.818	.46141	.33053	.04969	1.2270	.71042	.21465
Stddev	.034	.00187	.00100	.00103	.0068	.00642	.00107
%RSD	.29088	.40483	.30250	2.0689	.55622	.90383	.49946

#1	11.846	.46165	.32983	.04961	1.2329	.70309	.21341
#2	11.779	.46314	.33168	.04870	1.2195	.71504	.21534
#3	11.827	.45943	.33008	.05075	1.2286	.71313	.21519

Sample Name: J6533-08A Acquired: 12/28/2018 15:20:53 Type: Unk
 Method: P4-ICP2(v2688) 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	.22809	5.890	.27191	4.8469	F<.00000
Stddev	.00096	.046	.00302	.0633	.50924
%RSD	.42029	.7785	1.1097	1.3059	21.635
#1	.22726	5.848	.27538	4.8160	-1.7663
#2	.22788	5.939	.27052	4.9197	-2.6698
#3	.22914	5.885	.26984	4.8050	-2.6253
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.5	44322.	4202.0	101.19	3726.1
Stddev	6.8	160.	36.3	2.32	27.6
%RSD	.20549	.35988	.86476	2.2937	.74134
#1	3279.8	44411.	4160.1	98.535	3757.9
#2	3290.3	44138.	4222.7	102.85	3707.4
#3	3292.5	44418.	4223.3	102.17	3713.1

Sample Name: J6533-11 Acquired: 12/28/2018 15:24:39 Type: Unk
Method: P4-ICP2(v2688) 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	-.00011	.00049	-.00049	.00291	-.00078	-.00204	.03313	.00001
Stddev	.00139	.00112	.00042	.00073	.00063	.00605	.00080	.00002
%RSD	1283.8	227.54	85.476	25.079	80.186	295.91	2.4098	181.55

#1	-.00170	.00006	-.00058	.00313	-.00076	-.00901	.03314	.00002
#2	.00088	-.00035	-.00003	.00349	-.00016	.00191	.03232	.00002
#3	.00049	.00176	-.00086	.00209	-.00142	.00096	.03392	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	8.5518	-.00020	-.00009	-.00087	3.3582	.03310	1.3778
Stddev	.00005	.0903	.00010	.00024	.00023	.0036	.00036	.0639
%RSD	55.231	1.0557	48.309	274.64	26.756	.10709	1.0808	4.6344

#1	-.00014	8.6541	-.00030	-.00034	-.00109	3.3618	.03351	1.4192
#2	-.00005	8.5178	-.00011	-.00006	-.00091	3.3546	.03285	1.4099
#3	-.00006	8.4835	-.00020	.00014	-.00063	3.3582	.03294	1.3043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.00069	52.141	-.00014	.01534	.33926	.00098	.00907
Stddev	.00035	.00024	.436	.00063	.00034	.01903	.00006	.01170
%RSD	158.01	35.536	.83615	443.36	2.2212	5.6094	5.8986	129.01

#1	-.00026	-.00043	52.549	.00040	.01565	.35386	.00105	.02258
#2	-.00054	-.00091	51.681	.00001	.01540	.34618	.00096	.00262
#3	.00015	-.00072	52.192	-.00084	.01497	.31774	.00094	.00201

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05128	.24179	-.00210	.00492	-.00098	.0039	.03940	4.7287
Stddev	.00149	.00186	.00062	.00108	.00118	.0013	.00017	.0954
%RSD	2.9072	.76862	29.475	21.969	120.22	33.45	.42761	2.0176

#1	.05030	.24318	-.00164	.00539	-.00142	.0025	.03960	4.7213
#2	.05056	.23968	-.00186	.00568	.00035	.0042	.03931	4.8275
#3	.05300	.24251	-.00280	.00368	-.00189	.0051	.03929	4.6371

Sample Name: J6533-11 Acquired: 12/28/2018 15:24:39 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3527
 Stddev .4214
 %RSD 31.157

#1 .91703
 #2 1.7583
 #3 1.3827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.2	44673.	4239.2	102.02	3780.7
Stddev	10.5	259.	35.4	1.41	18.9
%RSD	.31843	.58051	.83419	1.3791	.50023

#1	3295.9	44455.	4198.7	100.65	3765.6
#2	3305.7	44604.	4263.9	101.94	3774.5
#3	3317.0	44960.	4254.9	103.46	3801.9

Sample Name: J6533-14 Acquired: 12/28/2018 15:28:44 Type: Unk
Method: P4-ICP2(v2688) 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	-.00374	.00092	-.00178	.00852	.00066	.34690	.01106	.00011
Stddev	.00122	.00087	.00046	.00198	.00041	.01080	.00073	.00001
%RSD	32.716	94.192	25.713	23.185	62.094	3.1144	6.5726	10.198

#1	-.00233	.00035	-.00125	.00885	.00058	.35345	.01105	.00010
#2	-.00440	.00049	-.00203	.01031	.00111	.35282	.01180	.00012
#3	-.00449	.00193	-.00205	.00640	.00030	.33443	.01034	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	7.0568	.01379	.00053	.04137	33.189	.24755	.62487
Stddev	.00012	.0401	.00040	.00018	.00045	.416	.00030	.03372
%RSD	16.303	.56849	2.9292	34.152	1.0917	1.2530	.12265	5.3963

#1	-.00062	7.0859	.01394	.00041	.04186	32.737	.24735	.58834
#2	-.00083	7.0734	.01410	.00044	.04128	33.275	.24740	.65480
#3	-.00085	7.0110	.01334	.00074	.04097	33.555	.24790	.63147

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	-.00203	18.572	.00062	.59384	1.1401	.00039	.01313
Stddev	.00035	.00015	.133	.00015	.01087	.0243	.00010	.00523
%RSD	9.4150	7.2216	.71546	23.467	1.8306	2.1298	26.090	39.840

#1	.00350	-.00186	18.665	.00058	.58627	1.1218	.00035	.00791
#2	.00409	-.00210	18.420	.00078	.58896	1.1309	.00032	.01311
#3	.00348	-.00213	18.632	.00050	.60630	1.1677	.00051	.01837

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67645	.23205	.00132	.00855	.00025	.0131	.01935	4.4778
Stddev	.00168	.00340	.00025	.00091	.00103	.0012	.00053	.0670
%RSD	.24777	1.4644	19.308	10.640	416.69	9.065	2.7248	1.4974

#1	.67818	.23455	.00146	.00773	-.00083	.0126	.01996	4.4751
#2	.67484	.23342	.00147	.00840	.00122	.0123	.01909	4.5462
#3	.67633	.22818	.00103	.00953	.00036	.0145	.01901	4.4122

Sample Name: J6533-14 Acquired: 12/28/2018 15:28:44 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7941
 Stddev .2537
 %RSD 6.6872

#1 3.7520
 #2 4.0663
 #3 3.5641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.0	45492.	4319.1	101.54	3869.7
Stddev	12.8	144.	16.8	1.51	16.0
%RSD	.38386	.31677	.38798	1.4859	.41349

#1	3326.8	45326.	4310.1	102.65	3853.5
#2	3344.4	45581.	4338.4	102.15	3870.1
#3	3351.7	45570.	4308.8	99.824	3885.5

Sample Name: J6533-17 Acquired: 12/28/2018 15:32:47 Type: Unk
Method: P4-ICP2(v2688) 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	-.01292	-.00069	-.02738	.03090	.00464	.01820	.03602
Stddev	.00220	.00078	.00034	.00148	.00089	.00841	.00010
%RSD	17.036	113.14	1.2522	4.7768	19.138	46.217	.26924

#1	-.01495	.00020	-.02702	.03212	.00455	.02473	.03604
#2	-.01324	-.00126	-.02770	.03133	.00556	.00871	.03592
#3	-.01058	-.00102	-.02742	.02926	.00379	.02117	.03611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00366	30.831	-.00726	-.00010	-.05148	174.19
Stddev	.00004	.00008	.185	.00047	.00011	.00039	1.66
%RSD	11.831	2.0935	.59988	6.4953	109.21	.76207	.95243

#1	.00027	-.00373	30.666	-.00764	-.00023	-.05159	175.54
#2	.00034	-.00368	31.031	-.00741	-.00001	-.05181	174.69
#3	.00034	-.00358	30.797	-.00673	-.00007	-.05105	172.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6109	6.6075	-.00916	-.00748	132.73	.00037	.30858
Stddev	.0003	.0137	.00065	.00022	1.13	.00025	.00295
%RSD	.02095	.20765	7.0551	2.9316	.84924	66.434	.95467

#1	1.6112	6.5919	-.00868	-.00732	133.35	.00020	.31194
#2	1.6106	6.6125	-.00989	-.00773	133.40	.00025	.30734
#3	1.6110	6.6179	-.00891	-.00739	131.42	.00065	.30646

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6727	-.00204	.09519	3.8185	.25175	-.00064	.00660
Stddev	.0312	.00010	.00488	.0062	.00238	.00040	.00120
%RSD	1.8638	4.9176	5.1232	.16258	.94419	62.888	18.198

#1	1.6593	-.00198	.09311	3.8237	.25439	-.00027	.00791
#2	1.6505	-.00198	.10076	3.8202	.25110	-.00057	.00632
#3	1.7083	-.00215	.09169	3.8116	.24978	-.00107	.00556

Sample Name: J6533-17 Acquired: 12/28/2018 15:32:47 Type: Unk
Method: P4-ICP2(v2688) 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	.00115	.0892	-.03078	4.3071	F<.00000
Stddev	.00251	.0015	.00181	.1024	1.3764
%RSD	218.11	1.686	5.8781	2.3775	2.5164
#1	.00092	.0886	-.03279	4.4145	-54.561
#2	.00378	.0909	-.03028	4.2962	-53.396
#3	-.00124	.0880	-.02927	4.2106	-56.139
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.3	43274.	4250.2	99.006	3545.3
Stddev	10.1	55.	29.3	1.086	19.3
%RSD	.31430	.12663	.68864	1.0965	.54395
#1	3209.1	43215.	4235.9	97.949	3535.9
#2	3205.9	43285.	4230.9	98.950	3532.5
#3	3224.8	43323.	4283.9	100.12	3567.4

Sample Name: J6533-20 Acquired: 12/28/2018 15:36:47 Type: Unk
Method: P4-ICP2(v2688) 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	-.00709	-.00003	-.01239	.01512	.00130	.28807	.02494
Stddev	.00193	.00065	.00083	.00148	.00079	.01577	.00018
%RSD	27.263	2068.7	6.7073	9.7791	60.413	5.4744	.73560

#1	-.00769	-.00039	-.01223	.01672	.00096	.27655	.02474
#2	-.00866	.00072	-.01329	.01380	.00220	.28162	.02510
#3	-.00493	-.00043	-.01165	.01483	.00074	.30604	.02499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00192	25.236	-.00160	.00013	-.01930	81.025
Stddev	.00008	.00014	.165	.00025	.00002	.00066	.816
%RSD	39.951	7.1988	.65310	15.897	17.063	3.4386	1.0065

#1	.00028	-.00177	25.047	-.00153	.00015	-.01854	80.084
#2	.00013	-.00195	25.349	-.00139	.00012	-.01977	81.472
#3	.00016	-.00204	25.311	-.00188	.00011	-.01959	81.520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82817	4.5278	-.00370	-.00404	75.814	-.00000	.33730
Stddev	.00120	.0274	.00034	.00035	.350	.00058	.00383
%RSD	.14550	.60471	9.0737	8.6012	.46175	23626.	1.1362

#1	.82957	4.4979	-.00367	-.00419	75.439	-.00047	.33340
#2	.82750	4.5517	-.00406	-.00428	75.873	.00065	.34107
#3	.82746	4.5338	-.00339	-.00364	76.132	-.00019	.33742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1276	-.00081	.04232	1.7186	.41244	-.00140	.00536
Stddev	.0187	.00006	.00134	.0119	.00627	.00023	.00091
%RSD	1.6570	7.2428	3.1605	.69263	1.5200	16.610	16.978

#1	1.1267	-.00080	.04086	1.7144	.40620	-.00114	.00624
#2	1.1094	-.00088	.04348	1.7321	.41236	-.00146	.00443
#3	1.1467	-.00076	.04261	1.7095	.41874	-.00159	.00541

Sample Name: J6533-20 Acquired: 12/28/2018 15:36:47 Type: Unk
Method: P4-ICP2(v2688) 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	.00162	.0464	.05253	4.6478	F<.00000
Stddev	.00069	.0010	.00036	.0560	.26315
%RSD	42.711	2.174	.68320	1.2046	3.2063

#1	.00241	.0475	.05278	4.7093	-8.4719
#2	.00137	.0462	.05268	4.6343	-8.2041
#3	.00110	.0454	.05212	4.5999	-7.9456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.3	44185.	4262.8	101.42	3679.0
Stddev	3.5	138.	10.8	.97	8.7
%RSD	.10539	.31229	.25398	.95907	.23754

#1	3297.3	44034.	4274.7	102.48	3680.7
#2	3295.4	44304.	4260.2	100.57	3669.6
#3	3302.2	44216.	4253.6	101.21	3686.8

Sample Name: CCV04 Acquired: 12/28/2018 15:46:04 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1410	4.7343	4.8869	4.9033	5.0899	10.460	10.092	.24623
Stddev	.0147	.0135	.0130	.0068	.0103	.155	.169	.00013
%RSD	.28631	.28609	.26648	.13912	.20180	1.4849	1.6775	.05212
#1	5.1367	4.7233	4.8750	4.9105	5.0963	10.364	10.269	.24635
#2	5.1289	4.7302	4.8850	4.9025	5.0780	10.376	9.9319	.24609
#3	5.1574	4.7495	4.9008	4.8970	5.0952	10.639	10.076	.24624
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3697	26.782	1.0479	2.3880	1.2503	4.8086	2.5193	24.941
Stddev	.0063	.246	.0001	.0071	.0024	.0515	.0023	.365
%RSD	.26478	.91910	.01420	.29857	.19218	1.0708	.09221	1.4629
#1	2.3633	26.899	1.0480	2.3801	1.2530	4.7533	2.5219	24.911
#2	2.3700	26.499	1.0477	2.3902	1.2488	4.8552	2.5174	24.592
#3	2.3758	26.948	1.0480	2.3938	1.2490	4.8172	2.5185	25.319
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3336	1.3475	23.888	2.3362	2.5543	25.383	5.1270	5.0584
Stddev	.0048	.0022	.335	.0070	.0265	.380	.0080	.0414
%RSD	.20639	.16226	1.4022	.29892	1.0387	1.4971	.15681	.81803
#1	2.3282	1.3496	24.238	2.3441	2.5508	25.791	5.1279	5.0655
#2	2.3349	1.3453	23.570	2.3338	2.5824	25.039	5.1186	5.0139
#3	2.3376	1.3476	23.856	2.3308	2.5297	25.318	5.1346	5.0957
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5456	5.2154	4.8559	4.9471	5.0983	4.774	F 5.5241	5.2294
Stddev	.0027	.0544	.0162	.0693	.0765	.014	.0998	.0782
%RSD	.05850	1.0440	.33265	1.4017	1.5000	.2891	1.8071	1.4946
#1	4.5428	5.2763	4.8389	4.9853	5.1789	4.760	5.6232	5.2492
#2	4.5460	5.1715	4.8578	4.8671	5.0268	4.774	5.4235	5.1433
#3	4.5480	5.1983	4.8710	4.9890	5.0890	4.788	5.5256	5.2958

Sample Name: CCV04 Acquired: 12/28/2018 15:46:04 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4187
Stddev	.5256
%RSD	21.732

#1	2.1258
#2	2.1048
#3	3.0256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.1	44084.	4217.3	97.023	3578.9
Stddev	8.7	117.	63.6	.995	5.1
%RSD	.26341	.26569	1.5078	1.0260	.14274

#1	3287.8	44021.	4146.1	96.884	3581.2
#2	3305.1	44219.	4268.7	96.104	3582.4
#3	3295.5	44011.	4237.0	98.080	3573.0

Sample Name: CCB04 Acquired: 12/28/2018 15:49:42 Type: Unk
Method: P4-ICP2(v2688) 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	-.00233	.00132	.00099	.00118	-.00097	-.00548	.00384	.00004
Stddev	.00152	.00034	.00061	.00162	.00075	.00467	.00032	.00005
%RSD	65.280	25.446	62.224	137.49	77.311	85.210	8.3058	110.34

#1	-.00322	.00102	.00116	.00241	-.00183	-.00010	.00388	.00010
#2	-.00320	.00169	.00149	.00179	-.00040	-.00846	.00414	.00001
#3	-.00057	.00126	.00031	-.00066	-.00070	-.00789	.00351	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01353	-.00001	.00010	-.00063	.01099	.00017	-.00750
Stddev	.00004	.00855	.00020	.00018	.00031	.01166	.00001	.03045
%RSD	67.576	63.202	1606.0	185.94	48.813	106.16	7.6916	406.20

#1	.00004	.01443	.00021	.00001	-.00099	.01723	.00018	-.03954
#2	.00011	.02160	-.00016	.00030	-.00042	-.00247	.00016	-.00402
#3	.00003	.00457	-.00008	-.00002	-.00049	.01820	.00017	.02107

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00103	.01696	-.00036	-.00058	.04697	.00013	.00872
Stddev	.00007	.00010	.01088	.00028	.00003	.00923	.00018	.00368
%RSD	9.6019	10.193	64.134	79.018	4.5897	19.656	132.28	42.278

#1	.00077	-.00098	.00595	-.00011	-.00056	.05514	-.00006	.01295
#2	.00084	-.00115	.02770	-.00067	-.00058	.03695	.00028	.00623
#3	.00069	-.00096	.01724	-.00031	-.00061	.04882	.00018	.00696

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00542	-.00043	.00586	.00038	-.0002	.00000	4.3379
Stddev	.00338	.00098	.00062	.00074	.00152	.0014	.00003	.0323
%RSD	345.93	18.003	142.45	12.705	398.19	697.4	6934.1	.74433

#1	.00447	.00484	-.00048	.00669	-.00061	-.0016	.00003	4.3146
#2	-.00226	.00655	.00021	.00567	-.00038	.0012	.00001	4.3243
#3	.00072	.00488	-.00103	.00524	.00213	-.0003	-.00004	4.3748

Sample Name: CCB04 Acquired: 12/28/2018 15:49:42 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .44491
%RSD 401.16

#1 .18826
#2 .10120
#3 -.62218

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.3	46316.	4264.6	103.13	4057.3
Stddev	11.3	255.	48.2	3.10	5.9
%RSD	.32975	.55059	1.1302	3.0099	.14566

#1	3431.2	46307.	4232.4	100.02	4051.7
#2	3439.1	46575.	4241.3	103.16	4056.6
#3	3453.6	46065.	4320.0	106.23	4063.5

Sample Name: PB116016BL Acquired: 12/28/2018 15:53:31 Type: Unk
Method: P4-ICP2(v2688) 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	-.00151	.00106	-.00005	.00273	-.00147	-.00422	.00376	.00005
Stddev	.00168	.00063	.00045	.00173	.00044	.00638	.00037	.00001
%RSD	111.50	59.698	880.37	63.303	30.135	151.10	9.7771	30.466
#1	.00043	.00179	.00007	.00471	-.00193	.00310	.00337	.00003
#2	-.00253	.00068	.00033	.00188	-.00105	-.00861	.00380	.00006
#3	-.00242	.00070	-.00055	.00159	-.00142	-.00716	.00410	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00609	-.00007	-.00003	-.00103	.00552	.00014	-.01496
Stddev	.00003	.01419	.00024	.00010	.00037	.00265	.00001	.00798
%RSD	1145.7	233.09	347.18	374.10	36.075	48.068	9.4386	53.366
#1	-.00002	.00095	-.00032	-.00008	-.00128	.00749	.00015	-.00576
#2	.00003	.02213	.00015	-.00009	-.00061	.00658	.00013	-.01902
#3	.00000	-.00482	-.00004	.00009	-.00122	.00250	.00013	-.02010
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00056	.01420	-.00012	-.00060	.03399	-.00002	.00768
Stddev	.00020	.00043	.00220	.00012	.00002	.01407	.00019	.00368
%RSD	35.337	77.058	15.498	103.34	4.0463	41.384	1228.0	47.849
#1	.00039	-.00023	.01674	-.00022	-.00058	.02119	.00018	.01008
#2	.00051	-.00105	.01296	-.00015	-.00060	.03173	-.00003	.00345
#3	.00078	-.00040	.01289	.00002	-.00063	.04905	-.00020	.00951
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	.00395	-.00140	.00428	-.00035	-.0018	-.00009	F 4.1973
Stddev	.00106	.00069	.00022	.00138	.00046	.0001	.00007	.0957
%RSD	133.73	17.393	16.017	32.359	129.45	4.560	74.528	2.2799
#1	-.00092	.00426	-.00115	.00572	.00010	-.0019	-.00002	4.3026
#2	.00032	.00442	-.00147	.00296	-.00035	-.0018	-.00015	4.1157
#3	-.00179	.00316	-.00158	.00415	-.00081	-.0017	-.00011	4.1734

Sample Name: PB116016BL Acquired: 12/28/2018 15:53:31 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .13333
Stddev .40102
%RSD 300.78

#1 -.32438
#2 .42298
#3 .30137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.6	46703.	4267.0	101.20	4081.8
Stddev	20.1	176.	24.3	1.03	25.1
%RSD	.57852	.37646	.56927	1.0144	.61562

#1	3446.7	46530.	4249.0	102.28	4056.4
#2	3472.9	46881.	4294.6	101.08	4082.5
#3	3486.2	46697.	4257.4	100.24	4106.6

Sample Name: PB116016TB Acquired: 12/28/2018 15:57:39 Type: Unk
Method: P4-ICP2(v2688) 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	-.00212	-.00117	-.00153	.00434	-.00085	.00089	.00205	-.00010
Stddev	.00045	.00085	.00066	.00337	.00098	.00138	.00017	.00006
%RSD	21.415	72.284	43.144	77.538	115.81	154.39	8.2150	57.831
#1	-.00259	-.00170	-.00209	.00756	-.00197	.00237	.00189	-.00017
#2	-.00169	-.00162	-.00080	.00084	-.00047	.00066	.00204	-.00007
#3	-.00207	-.00020	-.00170	.00463	-.00011	-.00035	.00222	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00096	.00061	-.00021	-.00108	.01011	.00005	-.00372
Stddev	.00003	.00724	.00008	.00008	.00012	.00790	.00003	.02201
%RSD	69.367	753.89	13.912	35.917	11.089	78.209	64.891	592.21
#1	-.00001	.00913	.00069	-.00013	-.00112	.01881	.00002	.02008
#2	-.00006	-.00161	.00062	-.00029	-.00094	.00811	.00004	-.00789
#3	-.00005	-.00464	.00052	-.00022	-.00117	.00339	.00008	-.02333
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	.00162	F 276.43	-.00005	.00314	.11932	.00022	.00123
Stddev	.00031	.00017	2.76	.00025	.00008	.00790	.00011	.00312
%RSD	9.8280	10.380	.99719	477.05	2.7033	6.6215	48.396	253.37
#1	.00299	.00154	277.61	.00020	.00304	.11022	.00024	.00383
#2	.00299	.00151	278.41	-.00006	.00317	.12434	.00011	.00209
#3	.00353	.00182	273.28	-.00030	.00321	.12342	.00032	-.00223
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	.00991	-.00051	.00473	.00089	-.0021	-.00011	F 5.1841
Stddev	.00159	.00069	.00026	.00050	.00111	.0002	.00001	.2160
%RSD	39.854	6.9892	51.191	10.659	124.94	9.757	11.055	4.1669
#1	.00290	.01071	-.00081	.00493	.00089	-.0021	-.00011	5.1253
#2	.00325	.00952	-.00031	.00416	-.00022	-.0019	-.00010	5.4235
#3	.00581	.00949	-.00042	.00510	.00199	-.0023	-.00013	5.0036

Sample Name: PB116016TB Acquired: 12/28/2018 15:57:39 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2099
Stddev .1775
%RSD 14.668

#1 1.3124
#2 1.3124
#3 1.0050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.3	43114.	4297.4	102.23	3622.5
Stddev	5.8	959.	36.2	.78	7.8
%RSD	.17654	2.2233	.84295	.76007	.21556

#1	3284.4	43373.	4283.3	102.68	3613.5
#2	3285.5	42052.	4270.4	101.33	3626.3
#3	3295.0	43916.	4338.6	102.68	3627.7

Sample Name: PB116017BL Acquired: 12/28/2018 16:01:57 Type: Unk
Method: P4-ICP2(v2688) 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	-.00192	-.00049	-.00056	.00197	-.00046	-.00605	.00362	.00000
Stddev	.00161	.00026	.00071	.00097	.00030	.00274	.00073	.00003
%RSD	83.726	52.634	128.37	49.438	65.648	45.223	20.180	694.12
#1	-.00020	-.00022	.00026	.00120	-.00036	-.00685	.00299	.00004
#2	-.00217	-.00051	-.00089	.00306	-.00022	-.00301	.00443	-.00002
#3	-.00339	-.00074	-.00104	.00164	-.00080	-.00830	.00346	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01113	-.00013	-.00011	-.00031	.00929	.00015	.01332
Stddev	.00005	.00735	.00005	.00021	.00070	.00691	.00004	.01863
%RSD	2504.7	66.017	35.800	195.49	225.58	74.462	25.370	139.85
#1	.00006	.00854	-.00018	.00004	.00030	.00766	.00014	.03478
#2	-.00003	.01942	-.00013	-.00034	-.00015	.00333	.00011	.00137
#3	-.00002	.00543	-.00009	-.00001	-.00108	.01687	.00019	.00380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00081	.07480	-.00025	-.00068	.04528	-.00010	.00321
Stddev	.00033	.00012	.00081	.00012	.00005	.01521	.00008	.00607
%RSD	64.713	14.228	1.0872	49.485	7.9984	33.587	72.652	189.08
#1	.00074	-.00085	.07433	-.00014	-.00071	.05766	-.00017	-.00235
#2	.00013	-.00090	.07574	-.00038	-.00061	.04988	-.00002	.00229
#3	.00064	-.00068	.07433	-.00023	-.00071	.02831	-.00013	.00969
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00330	-.00108	.00623	.00266	-.0011	-.00009	F 4.3294
Stddev	.00227	.00247	.00029	.00124	.00131	.0005	.00001	.1343
%RSD	130.64	74.878	26.936	19.881	49.326	45.23	8.5491	3.1022
#1	-.00258	.00479	-.00098	.00766	.00280	-.0012	-.00008	4.4486
#2	.00083	.00467	-.00141	.00557	.00128	-.0014	-.00010	4.3558
#3	-.00345	.00045	-.00086	.00546	.00388	-.0005	-.00009	4.1839

Sample Name: PB116017BL Acquired: 12/28/2018 16:01:57 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .24392
Stddev	.12124
%RSD	49.704

#1	.14662
#2	.20539
#3	.37973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.6	46570.	4280.3	102.83	4077.6
Stddev	11.8	296.	10.6	1.52	10.9
%RSD	.33885	.63589	.24858	1.4753	.26650

#1	3491.2	46252.	4283.8	101.33	4090.1
#2	3471.2	46618.	4288.7	102.79	4070.2
#3	3470.4	46838.	4268.3	104.36	4072.6

Sample Name: PB116017TB Acquired: 12/28/2018 16:06:06 Type: Unk
Method: P4-ICP2(v2688) 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	-.00292	-.00080	-.00097	.00390	.00063	-.01062	.00213	-.00009
Stddev	.00182	.00071	.00017	.00225	.00069	.01313	.00060	.00004
%RSD	62.182	87.914	17.886	57.633	109.94	123.67	28.338	46.667
#1	-.00083	-.00142	-.00100	.00561	.00141	.00438	.00276	-.00004
#2	-.00385	-.00003	-.00078	.00135	.00009	-.01619	.00207	-.00012
#3	-.00409	-.00097	-.00112	.00473	.00039	-.02005	.00156	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01617	.00087	-.00023	-.00051	.00863	.00011	-.01560
Stddev	.00006	.01271	.00020	.00022	.00039	.00199	.00003	.01704
%RSD	57.455	78.603	23.338	97.811	77.662	23.049	30.454	109.24
#1	-.00004	.01058	.00093	-.00036	-.00028	.01048	.00011	-.02477
#2	-.00013	.00721	.00104	.00003	-.00096	.00652	.00014	.00406
#3	-.00016	.03071	.00064	-.00035	-.00028	.00889	.00007	-.02610
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00258	.00095	F 254.51	.00000	.00198	.06548	-.00004	.00188
Stddev	.00010	.00052	3.06	.00032	.00011	.04056	.00027	.00249
%RSD	3.8082	54.687	1.2038	11273.	5.6211	61.948	763.28	132.45
#1	.00253	.00036	255.87	-.00033	.00209	.06749	-.00012	.00139
#2	.00269	.00115	256.66	.00032	.00187	.02395	-.00026	-.00033
#3	.00252	.00134	251.00	.00002	.00198	.10500	.00027	.00458
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	.00961	-.00098	.00611	.00078	-.0018	-.00006	F 5.0046
Stddev	.00218	.00149	.00066	.00063	.00141	.0011	.00006	.0940
%RSD	52.064	15.472	67.543	10.383	181.04	58.08	107.42	1.8793
#1	.00304	.01003	-.00029	.00683	.00156	-.0013	-.00004	5.0864
#2	.00282	.01083	-.00161	.00563	-.00085	-.0011	-.00001	4.9019
#3	.00670	.00795	-.00105	.00588	.00162	-.0030	-.00013	5.0256

Sample Name: PB116017TB Acquired: 12/28/2018 16:06:06 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .99761
Stddev	.17101
%RSD	17.142

#1	1.1511
#2	.81327
#3	1.0285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.4	43580.	4280.5	101.38	3648.1
Stddev	7.8	172.	59.1	1.07	5.1
%RSD	.23537	.39515	1.3807	1.0521	.14111

#1	3296.7	43381.	4240.3	100.15	3645.0
#2	3287.1	43671.	4253.0	102.08	3645.3
#3	3302.4	43687.	4348.4	101.91	3654.1

Sample Name: PB116018BL Acquired: 12/28/2018 16:10:26 Type: Unk
Method: P4-ICP2(v2688) 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	-.00148	.00080	-.00088	.00042	-.00009	-.00801	.00385	-.00000
Stddev	.00120	.00049	.00068	.00193	.00028	.00467	.00032	.00001
%RSD	80.888	61.164	77.587	461.04	308.54	58.257	8.3005	1617.7
#1	-.00039	.00116	-.00149	-.00180	.00003	-.00912	.00389	.00001
#2	-.00276	.00024	-.00014	.00136	-.00041	-.01203	.00351	.00000
#3	-.00130	.00101	-.00100	.00170	.00011	-.00289	.00414	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00732	-.00016	-.00006	-.00059	.00986	.00010	.00267
Stddev	.00005	.01377	.00047	.00011	.00022	.00300	.00000	.00554
%RSD	68.841	188.17	284.37	180.04	37.561	30.379	3.3121	207.44
#1	.00014	.00324	-.00013	-.00015	-.00085	.01093	.00010	.00556
#2	.00005	-.00395	-.00065	-.00008	-.00047	.00648	.00010	-.00372
#3	.00004	.02266	.00028	.00006	-.00046	.01218	.00009	.00617
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00050	.09078	-.00014	-.00076	.01237	-.00012	.00337
Stddev	.00025	.00035	.00751	.00018	.00010	.02662	.00015	.00274
%RSD	36.363	70.250	8.2748	132.44	12.711	215.15	124.02	81.257
#1	.00040	-.00084	.09075	-.00013	-.00067	.01478	-.00028	.00340
#2	.00087	-.00053	.08328	-.00033	-.00075	.03770	-.00012	.00609
#3	.00077	-.00014	.09831	.00004	-.00086	-.01537	.00003	.00062
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	.00259	-.00163	.00580	.00105	-.0009	-.00011	F 4.3820
Stddev	.00154	.00233	.00009	.00126	.00174	.0006	.00006	.0143
%RSD	52.519	89.936	5.5294	21.710	165.21	63.35	52.958	.32611
#1	-.00397	.00348	-.00161	.00570	.00050	-.0013	-.00009	4.3698
#2	-.00116	.00433	-.00154	.00460	-.00034	-.0011	-.00018	4.3977
#3	-.00369	-.00005	-.00172	.00711	.00300	-.0003	-.00007	4.3786

Sample Name: PB116018BL Acquired: 12/28/2018 16:10:26 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .36571
Stddev	.24148
%RSD	66.031

#1	.59542
#2	.11397
#3	.38773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.7	46223.	4260.0	102.88	4073.0
Stddev	8.8	149.	42.4	2.34	10.7
%RSD	.25518	.32333	.99519	2.2706	.26359

#1	3452.1	46363.	4230.2	100.68	4060.6
#2	3457.6	46242.	4308.5	102.62	4078.1
#3	3469.4	46066.	4241.2	105.33	4080.2

Sample Name: PB116011BL Acquired: 12/28/2018 16:14:36 Type: Unk
Method: P4-ICP2(v2688) 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	-.00055	.00077	-.00026	.00167	-.00117	.00036	.00341	.00002
Stddev	.00208	.00065	.00042	.00150	.00119	.01161	.00036	.00005
%RSD	380.06	83.806	163.61	89.827	102.01	3243.6	10.677	221.79
#1	-.00171	.00023	-.00024	.00025	-.00227	-.01241	.00370	.00003
#2	.00185	.00059	-.00069	.00152	-.00134	.01028	.00353	-.00003
#3	-.00178	.00149	.00015	.00323	.00010	.00321	.00300	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02205	.00007	.00008	-.00031	-.00216	.00013	.00277
Stddev	.00004	.00974	.00042	.00012	.00025	.00059	.00002	.01976
%RSD	383.91	44.172	633.64	137.03	79.557	27.147	12.908	714.25
#1	.00003	.03310	.00054	.00018	-.00024	-.00272	.00012	.00720
#2	-.00004	.01832	-.00011	-.00004	-.00058	-.00222	.00015	.01994
#3	.00004	.01473	-.00024	.00012	-.00011	-.00155	.00012	-.01884
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00078	.04318	-.00013	-.00071	.02069	-.00030	-.00284
Stddev	.00022	.00024	.00705	.00018	.00009	.01245	.00008	.00346
%RSD	45.522	30.852	16.331	143.80	12.922	60.192	27.045	121.83
#1	.00069	-.00105	.03613	-.00027	-.00065	.03330	-.00025	-.00082
#2	.00026	-.00063	.05024	.00008	-.00067	.02036	-.00026	-.00087
#3	.00048	-.00065	.04317	-.00020	-.00082	.00840	-.00040	-.00683
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	.00296	-.00173	.00552	.00018	-.0016	-.00008	F 4.1142
Stddev	.00092	.00152	.00020	.00104	.00052	.0006	.00006	.0579
%RSD	47.845	51.374	11.366	18.892	290.90	34.86	71.299	1.4067
#1	-.00296	.00368	-.00196	.00436	.00039	-.0010	-.00002	4.0691
#2	-.00121	.00398	-.00158	.00584	-.00042	-.0019	-.00013	4.1795
#3	-.00160	.00121	-.00167	.00636	.00056	-.0020	-.00008	4.0941

Sample Name: PB116011BL Acquired: 12/28/2018 16:14:36 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .27113
Stddev .33648
%RSD 124.10

#1 .46443
#2 .46637
#3 -.11740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.8	46570.	4274.7	102.06	4079.8
Stddev	21.7	174.	10.2	1.41	24.6
%RSD	.62226	.37376	.23796	1.3786	.60398

#1	3469.2	46468.	4285.1	102.16	4063.8
#2	3511.0	46470.	4274.3	103.41	4108.2
#3	3480.0	46771.	4264.8	100.60	4067.5

Sample Name: PB116003BL Acquired: 12/28/2018 16:18:45 Type: Unk
Method: P4-ICP2(v2688) 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	-.00169	.00085	-.00076	.00116	-.00106	-.00151	.00414	.00003
Stddev	.00061	.00051	.00067	.00149	.00021	.00574	.00084	.00003
%RSD	36.060	59.930	87.837	128.14	19.856	379.25	20.335	103.05
#1	-.00165	.00127	-.00000	.00253	-.00096	-.00607	.00341	.00001
#2	-.00231	.00099	-.00125	-.00042	-.00130	-.00342	.00393	.00006
#3	-.00110	.00028	-.00102	.00137	-.00092	.00494	.00506	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00964	.00008	.00011	-.00026	.00669	.00019	.01175
Stddev	.00003	.00979	.00029	.00003	.00048	.00621	.00003	.02390
%RSD	664.19	101.50	354.07	32.864	187.04	92.852	15.793	203.49
#1	.00002	.02054	.00005	.00014	-.00006	.00890	.00022	-.01190
#2	-.00004	.00162	-.00019	.00010	.00010	-.00032	.00018	.03590
#3	.00000	.00675	.00038	.00007	-.00080	.01149	.00016	.01124
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00087	.03574	.00012	-.00068	.02911	-.00026	-.00279
Stddev	.00021	.00027	.01309	.00001	.00002	.03728	.00005	.00552
%RSD	46.910	31.152	36.636	7.2955	2.2714	128.07	19.994	197.81
#1	.00064	-.00062	.02334	.00012	-.00068	.06300	-.00032	-.00843
#2	.00050	-.00115	.03445	.00013	-.00066	.03515	-.00023	-.00257
#3	.00022	-.00084	.04944	.00011	-.00069	-.01082	-.00022	.00262
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	.00198	-.00219	.00576	-.00092	-.0013	-.00015	F 3.8820
Stddev	.00024	.00051	.00032	.00071	.00122	.0003	.00002	.0579
%RSD	8.6411	25.525	14.567	12.247	132.44	24.96	13.122	1.4912
#1	-.00261	.00247	-.00197	.00612	.00011	-.0013	-.00012	3.8751
#2	-.00308	.00202	-.00256	.00621	-.00060	-.0016	-.00016	3.8279
#3	-.00273	.00146	-.00205	.00495	-.00227	-.0010	-.00016	3.9430

Sample Name: PB116003BL Acquired: 12/28/2018 16:18:45 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.00139
Stddev	.37107
%RSD	26663.

#1	.38639
#2	-.02825
#3	-.35396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.0	47260.	4341.9	104.51	4121.1
Stddev	9.0	68.	28.2	1.87	3.7
%RSD	.25529	.14423	.64920	1.7880	.09030

#1	3528.7	47338.	4318.6	105.02	4116.9
#2	3543.2	47225.	4334.0	102.44	4124.2
#3	3545.2	47216.	4373.2	106.08	4122.1

Sample Name: PB116048BL Acquired: 12/28/2018 16:22:53 Type: Unk
Method: P4-ICP2(v2688) 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	-.00048	.00097	-.00074	.00141	-.00096	-.00108	.00402	.00002
Stddev	.00123	.00105	.00034	.00323	.00105	.00618	.00043	.00005
%RSD	256.17	108.72	45.694	228.97	109.10	573.81	10.650	212.02

#1	-.00119	-.00023	-.00035	.00072	-.00165	-.00190	.00438	.00002
#2	-.00119	.00137	-.00089	-.00142	.00024	-.00680	.00355	-.00003
#3	.00094	.00176	-.00097	.00493	-.00146	.00547	.00412	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00124	-.00019	-.00000	-.00048	.00605	.00022	-.02971
Stddev	.00004	.00562	.00034	.00008	.00048	.00619	.00003	.02886
%RSD	59.839	455.33	177.67	12131.	99.935	102.34	11.929	97.147

#1	.00005	.00498	-.00055	.00008	-.00002	.00817	.00024	-.06296
#2	.00005	.00396	.00012	-.00001	-.00097	-.00092	.00023	-.01488
#3	.00012	-.00523	-.00014	-.00007	-.00044	.01091	.00019	-.01128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00077	.06250	-.00035	-.00068	.02328	-.00028	-.00559
Stddev	.00010	.00049	.00264	.00011	.00009	.01397	.00021	.00532
%RSD	9.7485	63.290	4.2168	31.290	12.455	60.016	77.092	95.160

#1	.00107	-.00097	.05947	-.00032	-.00078	.02176	-.00012	-.01082
#2	.00088	-.00021	.06423	-.00047	-.00061	.01013	-.00052	-.00019
#3	.00099	-.00113	.06380	-.00025	-.00066	.03795	-.00018	-.00575

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.00375	-.00236	.00542	.00130	-.0022	-.00007	F 3.8380
Stddev	.00091	.00072	.00061	.00061	.00103	.0002	.00004	.0856
%RSD	249.47	19.290	26.027	11.159	78.938	7.636	52.345	2.2291

#1	-.00116	.00317	-.00307	.00592	.00013	-.0021	-.00005	3.8181
#2	-.00055	.00456	-.00207	.00560	.00205	-.0024	-.00011	3.9318
#3	.00062	.00352	-.00194	.00475	.00172	-.0021	-.00005	3.7642

Sample Name: PB116048BL Acquired: 12/28/2018 16:22:53 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .54418
Stddev .16770
%RSD 30.816

#1 .37822
#2 .71356
#3 .54076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.6	47390.	4329.4	105.47	4132.8
Stddev	3.9	183.	7.1	1.09	3.5
%RSD	.10968	.38579	.16494	1.0308	.08461

#1	3535.1	47522.	4337.3	106.48	4128.8
#2	3541.8	47181.	4327.6	105.63	4134.4
#3	3541.8	47467.	4323.3	104.32	4135.2

Sample Name: PB116066BL Acquired: 12/28/2018 16:27:01 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	.00079	-.00047	.00334	-.00092	-.00282	.00470	.00003
Stddev	.00066	.00063	.00013	.00035	.00052	.00722	.00064	.00006
%RSD	29.616	80.412	27.675	10.580	56.330	255.88	13.646	200.21
#1	-.00249	.00151	-.00046	.00307	-.00147	.00089	.00504	-.00004
#2	-.00149	.00053	-.00061	.00321	-.00083	.00179	.00510	.00006
#3	-.00275	.00032	-.00035	.00374	-.00045	-.01115	.00396	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01260	-.00020	-.00004	.00014	.00735	.00019	-.00478
Stddev	.00004	.02244	.00026	.00019	.00029	.00482	.00004	.04080
%RSD	800.10	178.13	130.26	464.05	211.20	65.520	20.868	854.39
#1	-.00004	.02399	-.00048	.00016	.00016	.01230	.00021	.02104
#2	.00003	.02705	.00001	-.00022	-.00016	.00267	.00014	.01644
#3	.00002	-.01325	-.00012	-.00007	.00041	.00709	.00021	-.05181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00085	.05549	-.00044	-.00075	.01189	-.00018	-.00264
Stddev	.00046	.00017	.00761	.00020	.00009	.01551	.00007	.00750
%RSD	94.171	19.701	13.713	45.055	11.407	130.39	36.046	284.22
#1	.00088	-.00066	.06406	-.00021	-.00066	.02507	-.00019	-.00951
#2	.00062	-.00094	.04954	-.00059	-.00083	.01581	-.00011	.00536
#3	-.00002	-.00096	.05286	-.00051	-.00077	-.00520	-.00025	-.00377
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	.00304	-.00168	.00447	.00058	-.0011	-.00011	F 4.1205
Stddev	.00312	.00086	.00031	.00135	.00161	.0007	.00004	.1965
%RSD	105.11	28.216	18.317	30.252	274.76	63.83	39.597	4.7680
#1	.00052	.00396	-.00187	.00517	-.00040	-.0014	-.00010	4.3213
#2	-.00548	.00226	-.00133	.00291	-.00028	-.0015	-.00007	4.1117
#3	-.00393	.00291	-.00184	.00532	.00244	-.0003	-.00015	3.9287

Sample Name: PB116066BL Acquired: 12/28/2018 16:27:01 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .48016
Stddev	.58641
%RSD	122.13

#1	-.19664
#2	.80027
#3	.83685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.5	46752.	4301.2	104.43	4117.5
Stddev	7.0	630.	38.5	1.68	5.0
%RSD	.19761	1.3469	.89525	1.6135	.12053

#1	3516.0	46030.	4259.8	103.95	4117.3
#2	3529.3	47042.	4308.0	103.03	4122.6
#3	3519.0	47185.	4335.9	106.30	4112.7

Sample Name: PB116066TB Acquired: 12/28/2018 16:31:09 Type: Unk
Method: P4-ICP2(v2688) 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	-.00404	-.00143	-.00111	.00234	-.00054	-.00704	.00299	-.00003
Stddev	.00079	.00086	.00063	.00104	.00099	.00978	.00083	.00004
%RSD	19.529	60.197	56.540	44.595	182.95	138.93	27.846	135.24
#1	-.00315	-.00118	-.00071	.00135	.00052	-.00336	.00248	-.00008
#2	-.00430	-.00239	-.00079	.00224	-.00071	.00037	.00395	.00001
#3	-.00467	-.00072	-.00184	.00343	-.00143	-.01813	.00254	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01938	.00072	-.00004	-.00105	.01169	.00048	-.00959
Stddev	.00007	.00861	.00007	.00021	.00018	.00406	.00004	.01073
%RSD	451.50	44.451	9.1567	604.39	17.266	34.709	7.4930	111.91
#1	-.00005	.01172	.00078	-.00015	-.00099	.01475	.00046	-.00545
#2	-.00006	.01772	.00071	-.00017	-.00091	.01323	.00046	-.02177
#3	.00006	.02871	.00065	.00021	-.00125	.00709	.00052	-.00154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.00178	F 307.55	-.00022	.00624	.09640	.00021	.00346
Stddev	.00042	.00028	2.09	.00007	.00006	.00837	.00009	.00130
%RSD	11.939	15.666	.68111	32.053	.96388	8.6874	45.281	37.525
#1	.00305	.00184	307.54	-.00017	.00627	.08712	.00011	.00344
#2	.00358	.00147	305.46	-.00019	.00617	.10340	.00021	.00476
#3	.00387	.00202	309.65	-.00031	.00628	.09867	.00030	.00217
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.00882	-.00064	.00477	.00215	-.0014	-.00010	F 4.5409
Stddev	.00025	.00147	.00025	.00176	.00020	.0002	.00005	.1394
%RSD	5.6663	16.677	38.901	36.974	9.4585	10.73	53.965	3.0700
#1	.00465	.00966	-.00077	.00505	.00216	-.0016	-.00007	4.3799
#2	.00418	.00968	-.00080	.00289	.00236	-.0014	-.00016	4.6191
#3	.00457	.00712	-.00035	.00638	.00195	-.0013	-.00007	4.6236

Sample Name: PB116066TB Acquired: 12/28/2018 16:31:09 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8532
Stddev .1865
%RSD 10.066

#1 2.0657
#2 1.7777
#3 1.7163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.7	44599.	4334.4	103.73	3662.1
Stddev	11.5	479.	14.2	1.21	22.4
%RSD	.34476	1.0731	.32711	1.1672	.61037

#1	3331.2	45152.	4343.3	103.64	3636.3
#2	3353.5	44308.	4341.8	104.98	3673.7
#3	3337.3	44339.	4318.0	102.57	3676.3

Sample Name: CCV05 Acquired: 12/28/2018 16:38:13 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0331	4.7241	4.8178	4.8606	4.9749	10.019	9.6667	.24270
Stddev	.0070	.0136	.0029	.0149	.0038	.060	.0577	.00036
%RSD	.13956	.28803	.05925	.30603	.07560	.59575	.59703	.14741
#1	5.0269	4.7398	4.8180	4.8691	4.9771	10.014	9.7147	.24293
#2	5.0316	4.7159	4.8149	4.8435	4.9706	10.081	9.6827	.24229
#3	5.0407	4.7167	4.8206	4.8694	4.9771	9.9615	9.6027	.24289
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3523	26.719	1.0259	2.3602	1.2300	4.7399	2.4800	24.532
Stddev	.0014	.128	.0052	.0015	.0023	.0489	.0050	.096
%RSD	.06173	.48036	.50239	.06270	.18985	1.0323	.20065	.39291
#1	2.3515	26.748	1.0203	2.3588	1.2317	4.7391	2.4745	24.440
#2	2.3514	26.830	1.0304	2.3602	1.2274	4.7893	2.4843	24.632
#3	2.3540	26.579	1.0269	2.3617	1.2310	4.6915	2.4812	24.523
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3214	1.3007	23.159	2.3274	2.4879	24.252	5.0127	4.9274
Stddev	.0013	.0030	.126	.0084	.0289	.066	.0100	.0177
%RSD	.05713	.23386	.54306	.36214	1.1605	.27136	.19999	.35835
#1	2.3205	1.2985	23.270	2.3187	2.4872	24.324	5.0238	4.9091
#2	2.3208	1.3042	23.183	2.3356	2.5172	24.238	5.0044	4.9443
#3	2.3229	1.2994	23.022	2.3279	2.4594	24.194	5.0099	4.9289
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5643	5.0237	4.8029	4.8180	4.8991	4.773	5.2274	4.6639
Stddev	.0131	.0101	.0051	.0231	.0190	.011	.0360	.0421
%RSD	.28711	.20128	.10540	.47857	.38863	.2276	.68888	.90333
#1	4.5522	5.0168	4.7971	4.8391	4.9148	4.764	5.2404	4.6349
#2	4.5625	5.0353	4.8059	4.7934	4.9047	4.785	5.2550	4.7122
#3	4.5782	5.0190	4.8057	4.8215	4.8779	4.770	5.1866	4.6445

Sample Name: CCV05 Acquired: 12/28/2018 16:38:13 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7908
Stddev .6958
%RSD 24.931

#1 3.2520
#2 1.9905
#3 3.1299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.5	45092.	4354.5	99.457	3641.3
Stddev	8.2	120.	19.1	1.148	2.9
%RSD	.24334	.26578	.43826	1.1544	.07931

#1	3375.3	45169.	4346.0	99.396	3638.5
#2	3391.1	44954.	4341.1	98.341	3644.2
#3	3387.2	45153.	4376.4	100.63	3641.2

Sample Name: CCB05 Acquired: 12/28/2018 16:41:52 Type: Unk
Method: P4-ICP2(v2688) 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	-.00019	.00053	.00020	.00024	-.00009	-.00480	.00442	.00003
Stddev	.00086	.00109	.00057	.00211	.00081	.00745	.00074	.00005
%RSD	460.06	206.51	282.05	895.35	893.21	155.30	16.818	186.88
#1	.00034	.00120	-.00016	.00074	-.00022	-.00127	.00441	.00003
#2	.00028	-.00073	.00086	.00204	-.00082	.00023	.00369	-.00003
#3	-.00119	.00111	-.00010	-.00208	.00077	-.01336	.00517	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00065	-.00016	-.00002	-.00002	.00671	.00019	-.00048
Stddev	.00004	.01325	.00039	.00003	.00006	.00247	.00005	.03623
%RSD	45.433	2046.1	245.25	121.52	309.99	36.762	26.419	7615.4
#1	.00012	.00805	-.00013	-.00001	.00005	.00660	.00014	.00305
#2	.00010	-.01589	.00022	-.00005	-.00006	.00924	.00019	-.03834
#3	.00004	.00590	-.00057	-.00000	-.00004	.00431	.00025	.03386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00072	.05389	.00003	-.00068	.01830	.00008	.00012
Stddev	.00019	.00043	.00442	.00027	.00001	.01437	.00015	.00509
%RSD	112.49	59.406	8.2002	863.16	.82113	78.512	185.77	4351.7
#1	.00030	-.00079	.04880	.00011	-.00069	.01936	.00010	-.00161
#2	.00023	-.00111	.05608	.00026	-.00068	.00343	.00021	.00585
#3	-.00005	-.00026	.05678	-.00027	-.00068	.03211	-.00008	-.00388
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	.00300	-.00046	.00570	.00068	-.0016	-.00001	F 3.7535
Stddev	.00233	.00095	.00041	.00210	.00133	.0004	.00004	.0377
%RSD	127.31	31.540	88.959	36.944	196.16	26.59	304.13	1.0039
#1	.00086	.00387	-.00015	.00721	.00112	-.0018	-.00002	3.7947
#2	-.00307	.00314	-.00031	.00329	-.00081	-.0011	-.00006	3.7449
#3	-.00329	.00199	-.00092	.00659	.00172	-.0018	.00003	3.7208

Sample Name: CCB05 Acquired: 12/28/2018 16:41:52 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .68751
Stddev	.21480
%RSD	31.243

#1	.91353
#2	.48604
#3	.66296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.3	47374.	4359.2	105.05	4103.1
Stddev	6.3	74.	10.7	.51	5.5
%RSD	.17896	.15610	.24579	.48514	.13427

#1	3521.6	47291.	4371.2	104.92	4096.9
#2	3529.0	47433.	4350.6	104.63	4104.9
#3	3516.4	47397.	4355.9	105.62	4107.4

Sample Name: PB116058BL Acquired: 12/28/2018 16:46:01 Type: Unk
Method: P4-ICP2(v2688) 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	-.00089	.00084	.00017	.00213	-.00076	-.00376	.00424	.00004
Stddev	.00024	.00045	.00013	.00128	.00053	.00154	.00035	.00007
%RSD	26.953	53.042	76.299	59.982	69.029	41.033	8.2354	175.97

#1	-.00116	.00092	.00006	.00182	-.00016	-.00227	.00441	.00007
#2	-.00082	.00124	.00031	.00104	-.00112	-.00534	.00383	.00009
#3	-.00069	.00036	.00014	.00354	-.00100	-.00365	.00446	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01668	-.00000	-.00002	-.00055	.00230	.00013	-.00114
Stddev	.00003	.01425	.00026	.00016	.00011	.00894	.00006	.02708
%RSD	365.39	85.409	12517.	860.94	20.777	389.11	46.822	2377.7

#1	-.00001	.02421	.00015	-.00000	-.00059	-.00801	.00019	-.00676
#2	.00004	.00025	-.00030	.00013	-.00042	.00798	.00007	-.02497
#3	-.00000	.02558	.00014	-.00019	-.00064	.00692	.00012	.02831

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00061	.03980	-.00006	-.00077	.02637	-.00023	.00043
Stddev	.00035	.00035	.01151	.00022	.00003	.00672	.00017	.00203
%RSD	67.533	57.839	28.906	351.75	4.0254	25.486	76.364	476.05

#1	.00026	-.00073	.02860	.00019	-.00080	.01883	-.00029	-.00180
#2	.00036	-.00088	.05159	-.00024	-.00074	.03174	-.00036	.00090
#3	.00091	-.00021	.03921	-.00014	-.00076	.02852	-.00003	.00218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00343	-.00139	.00527	-.00017	-.0015	.00000	F 3.9113
Stddev	.00319	.00064	.00052	.00122	.00141	.0010	.00006	.1051
%RSD	254.13	18.656	37.610	23.198	844.77	70.31	1348.9	2.6863

#1	-.00205	.00413	-.00100	.00482	.00105	-.0003	.00005	4.0321
#2	.00226	.00287	-.00199	.00434	-.00171	-.0020	-.00007	3.8414
#3	-.00397	.00329	-.00118	.00666	.00016	-.0022	.00003	3.8603

Sample Name: PB116058BL Acquired: 12/28/2018 16:46:01 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .47940
Stddev	.38115
%RSD	79.504

#1	.27731
#2	.24186
#3	.91904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3516.3	47111.	4366.0	103.95	4107.9
Stddev	7.8	170.	12.0	.35	6.4
%RSD	.22116	.36002	.27381	.33288	.15588

#1	3509.1	46953.	4368.8	103.79	4103.0
#2	3524.6	47290.	4376.4	103.72	4115.1
#3	3515.2	47090.	4352.9	104.35	4105.5

Sample Name: J6193-11 Acquired: 12/28/2018 16:54:06 Type: Unk
Method: P4-ICP2(v2688) 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	.02175	-.00828	.55612	.04824	.00596	121.70	.64109
Stddev	.00141	.00129	.00157	.00206	.00056	.29	.00091
%RSD	6.4762	15.563	.28223	4.2641	9.4409	.23766	.14204

#1	.02281	-.00689	.55453	.04746	.00542	121.37	.64214
#2	.02228	-.00853	.55766	.05057	.00591	121.85	.64050
#3	.02015	-.00943	.55616	.04668	.00654	121.89	.64064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	-.00333	92.178	.22137	.10165	.28905	248.60
Stddev	.00002	.00050	.071	.00225	.00021	.00068	5.62
%RSD	.41691	15.007	.07719	1.0175	.21039	.23640	2.2610

#1	.00488	-.00357	92.210	.22373	.10141	.28830	251.49
#2	.00491	-.00367	92.229	.22112	.10170	.28924	252.19
#3	.00492	-.00276	92.097	.21925	.10183	.28963	242.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3042	46.805	.18710	-.00354	5.2561	.36105	1.0457
Stddev	.0088	.356	.00039	.00053	.0252	.00328	.0273
%RSD	.20340	.76104	.20591	14.873	.47967	.90780	2.6068

#1	4.3133	47.162	.18754	-.00398	5.2771	.36453	1.0612
#2	4.3033	46.802	.18695	-.00295	5.2282	.35802	1.0617
#3	4.2959	46.450	.18682	-.00368	5.2630	.36060	1.0142

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.983	.00420	.19668	7.1771	3.4995	.05590	2.5191
Stddev	.032	.00008	.01390	.0091	.0739	.00085	.0027
%RSD	.29572	2.0089	7.0699	.12701	2.1119	1.5198	.10899

#1	10.987	.00430	.19753	7.1697	3.5848	.05607	2.5213
#2	10.949	.00413	.21013	7.1873	3.4607	.05498	2.5199
#3	11.013	.00418	.18236	7.1743	3.4531	.05665	2.5160

Sample Name: J6193-11 Acquired: 12/28/2018 16:54:06 Type: Unk
 Method: P4-ICP2(v2688) 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	.13638	6.937	.05069	1.1918	F<.00000
Stddev	.00039	.011	.00637	.0693	1.1905
%RSD	.28903	.1626	12.562	5.8126	1.2558
#1	.13602	6.926	.04686	1.1144	-95.881
#2	.13680	6.949	.04717	1.2129	-94.989
#3	.13632	6.935	.05804	1.2480	-93.523
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3879.7	52226.	5215.9	101.02	3564.0
Stddev	12.0	88.	28.3	2.71	3.8
%RSD	.30951	.16780	.54266	2.6778	.10754
#1	3872.6	52127.	5184.1	99.422	3561.7
#2	3872.9	52255.	5225.4	99.492	3568.4
#3	3893.6	52295.	5238.2	104.14	3561.8

Sample Name: J6193-13 Acquired: 12/28/2018 16:58:13 Type: Unk
Method: P4-ICP2(v2688) 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	.01348	-.00682	.31051	.04712	.00420	107.53	.60575
Stddev	.00217	.00014	.00172	.00200	.00310	.47	.00192
%RSD	16.088	2.0509	.55294	4.2511	73.805	.43369	.31757

#1	.01314	-.00667	.31249	.04823	.00773	107.52	.60631
#2	.01579	-.00695	.30962	.04481	.00301	107.06	.60360
#3	.01150	-.00682	.30942	.04832	.00188	108.00	.60732

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	-.00353	56.329	.21682	.12416	.90110	233.60
Stddev	.00007	.00065	.093	.00055	.00062	.00694	5.24
%RSD	1.6382	18.294	.16504	.25400	.49591	.76963	2.2435

#1	.00425	-.00336	56.235	.21652	.12487	.90438	233.40
#2	.00427	-.00299	56.421	.21745	.12392	.90579	228.46
#3	.00414	-.00425	56.331	.21648	.12371	.89314	238.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3119	52.027	.21543	-.00302	5.5230	.31194	.57234
Stddev	.0043	.175	.00098	.00113	.0210	.00118	.01263
%RSD	.12976	.33621	.45411	37.382	.37986	.37738	2.2061

#1	3.3129	51.883	.21655	-.00364	5.5461	.31137	.57386
#2	3.3072	51.976	.21495	-.00371	5.5050	.31330	.55902
#3	3.3156	52.221	.21477	-.00172	5.5180	.31117	.58413

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.452	.00380	.18002	F 11.014	3.0346	.01029	3.2645
Stddev	.042	.00042	.00706	.048	.0294	.00053	.0034
%RSD	.25808	10.986	3.9209	.43794	.96998	5.1535	.10537

#1	16.453	.00417	.18626	11.067	3.0606	.01007	3.2660
#2	16.408	.00390	.17236	11.002	3.0027	.00990	3.2668
#3	16.493	.00335	.18145	10.973	3.0406	.01089	3.2605

Sample Name: J6193-13 Acquired: 12/28/2018 16:58:13 Type: Unk
 Method: P4-ICP2(v2688) 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	.12939	9.426	-.13335	1.1690	F<.00000
Stddev	.00091	.028	.00606	.1584	1.3028
%RSD	.70492	.2965	4.5433	13.554	1.5740
#1	.12850	9.450	-.13336	1.2692	-84.046
#2	.13032	9.432	-.12728	.98635	-82.817
#3	.12934	9.396	-.13940	1.2515	-81.442
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3985.2	53709.	5336.3	101.16	3582.9
Stddev	13.0	137.	3.5	2.14	15.4
%RSD	.32641	.25471	.06578	2.1159	.42908
#1	3974.5	53618.	5332.4	100.86	3566.1
#2	3981.5	53866.	5337.3	103.44	3586.4
#3	3999.7	53643.	5339.2	99.193	3596.3

Sample Name: J6193-15 Acquired: 12/28/2018 17:02:11 Type: Unk
Method: P4-ICP2(v2688) 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	.02334	-.00689	.45227	.04447	.00373	113.02	.62944
Stddev	.00267	.00010	.00082	.00169	.00053	1.79	.00145
%RSD	11.434	1.5125	.18041	3.7926	14.216	1.5806	.22989

#1	.02512	-.00695	.45173	.04514	.00314	111.63	.63085
#2	.02027	-.00694	.45320	.04572	.00418	112.39	.62950
#3	.02462	-.00677	.45187	.04256	.00386	115.04	.62796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	-.00293	61.431	.20097	.11599	.48402	217.03
Stddev	.00019	.00050	.266	.00443	.00032	.00211	3.87
%RSD	3.6229	16.902	.43334	2.2036	.27295	.43565	1.7849

#1	.00509	-.00346	61.712	.19719	.11585	.48513	220.82
#2	.00505	-.00287	61.398	.19986	.11635	.48159	217.19
#3	.00539	-.00248	61.183	.20584	.11576	.48535	213.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2369	46.196	.21469	-.00323	4.2977	.29549	.60150
Stddev	.0540	.038	.00031	.00137	.0148	.00619	.01075
%RSD	1.6685	.08304	.14258	42.438	.34418	2.0961	1.7873

#1	3.2031	46.219	.21500	-.00188	4.2982	.29186	.61232
#2	3.2085	46.217	.21469	-.00318	4.3123	.29197	.60136
#3	3.2992	46.151	.21438	-.00462	4.2827	.30264	.59082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.309	.01827	.17869	9.9102	2.3887	.01133	2.7551
Stddev	.054	.00017	.00886	.0452	.0269	.00122	.0081
%RSD	.32825	.95063	4.9589	.45600	1.1276	10.774	.29575

#1	16.363	.01841	.18883	9.9610	2.4056	.01243	2.7645
#2	16.309	.01808	.17241	9.8953	2.4029	.01001	2.7506
#3	16.256	.01832	.17485	9.8744	2.3577	.01154	2.7501

Sample Name: J6193-15 Acquired: 12/28/2018 17:02:11 Type: Unk
 Method: P4-ICP2(v2688) 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	.12975	7.216	-.00693	1.4265	F<.00000
Stddev	.00016	.029	.00302	.1891	.29711
%RSD	.12714	.3953	43.622	13.256	.40255
#1	.12971	7.247	-.00978	1.3722	-73.500
#2	.12961	7.212	-.00725	1.2705	-73.826
#3	.12993	7.190	-.00376	1.6368	-74.093
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3951.7	53002.	5315.0	102.86	3586.9
Stddev	5.8	765.	27.0	2.19	20.2
%RSD	.14561	1.4431	.50715	2.1337	.56205
#1	3945.1	53432.	5284.4	100.63	3567.0
#2	3954.3	53455.	5325.5	102.92	3586.5
#3	3955.7	52119.	5335.2	105.02	3607.3

Sample Name: J6193-17 Acquired: 12/28/2018 17:06:08 Type: Unk
Method: P4-ICP2(v2688) 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	.02134	-.00605	1.0538	.04129	.00409	117.63	.69857
Stddev	.00241	.00072	.0059	.00037	.00255	.58	.00242
%RSD	11.284	11.832	.55852	.90517	62.325	.49294	.34674

#1	.02225	-.00523	1.0471	.04104	.00556	117.05	.70117
#2	.01861	-.00652	1.0560	.04172	.00115	117.62	.69815
#3	.02316	-.00641	1.0582	.04111	.00557	118.21	.69638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00503	-.00265	71.995	.17277	.11132	.34150	224.05
Stddev	.00021	.00021	.180	.00135	.00046	.00126	1.25
%RSD	4.1841	7.8561	.25071	.78412	.41558	.36756	.55790

#1	.00490	-.00286	72.130	.17125	.11081	.34019	223.70
#2	.00491	-.00244	72.064	.17320	.11170	.34161	223.00
#3	.00527	-.00267	71.790	.17386	.11146	.34269	225.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0262	46.160	.17694	-.00356	6.3306	.32864	.77198
Stddev	.0161	.152	.00090	.00095	.0176	.00206	.00340
%RSD	.53189	.32958	.50705	26.768	.27792	.62826	.44081

#1	3.0179	46.240	.17590	-.00246	6.3507	.32746	.77157
#2	3.0159	45.985	.17742	-.00405	6.3179	.32743	.76880
#3	3.0447	46.256	.17749	-.00416	6.3232	.33102	.77557

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.926	.00401	.16697	5.0384	3.4978	.01501	2.0380
Stddev	.018	.00019	.00996	.0345	.0381	.00061	.0060
%RSD	.16115	4.6346	5.9670	.68423	1.0899	4.0628	.29385

#1	10.908	.00380	.17000	4.9996	3.5144	.01568	2.0313
#2	10.944	.00405	.15584	5.0502	3.5247	.01450	2.0429
#3	10.927	.00417	.17506	5.0654	3.4542	.01483	2.0397

Sample Name: J6193-17 Acquired: 12/28/2018 17:06:08 Type: Unk
 Method: P4-ICP2(v2688) 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	.12025	8.679	-.04780	1.3918	F<.00000
Stddev	.00080	.028	.00166	.0902	1.0289
%RSD	.66596	.3232	3.4700	6.4816	1.3590
#1	.12026	8.648	-.04723	1.2902	-74.632
#2	.12105	8.703	-.04651	1.4228	-75.821
#3	.11945	8.686	-.04967	1.4624	-76.681
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.5	52937.	5307.1	101.81	3550.0
Stddev	2.2	203.	7.8	.43	2.3
%RSD	.05686	.38349	.14692	.42686	.06506
#1	3923.9	53090.	5298.2	101.76	3551.5
#2	3927.9	53013.	5310.3	102.27	3547.3
#3	3927.7	52707.	5312.8	101.40	3551.2

Sample Name: J6193-12 Acquired: 12/28/2018 17:10:06 Type: Unk
Method: P4-ICP2(v2688) 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	-.00418	-.00249	.01216	.00451	-.00182	.08221	.12852	.00002
Stddev	.00046	.00124	.00011	.00195	.00071	.00790	.00124	.00004
%RSD	10.956	49.827	.89036	43.246	39.186	9.6099	.96680	228.79

#1	-.00470	-.00121	.01228	.00537	-.00109	.07527	.12956	.00002
#2	-.00403	-.00258	.01209	.00228	-.00251	.09081	.12715	.00005
#3	-.00382	-.00368	.01211	.00588	-.00186	.08055	.12886	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	56.513	-.00046	.00399	.00253	.45946	1.1632	1.8916
Stddev	.00003	.133	.00003	.00023	.00019	.01824	.0016	.0347
%RSD	12.809	.23446	7.1968	5.7690	7.6995	3.9709	.13946	1.8346

#1	.00024	56.582	-.00046	.00391	.00260	.44185	1.1619	1.8762
#2	.00030	56.361	-.00049	.00380	.00268	.47828	1.1650	1.9314
#3	.00026	56.598	-.00042	.00425	.00231	.45827	1.1627	1.8673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00423	-.00078	275.29	.00019	.07998	.99823	-.00004	.01490
Stddev	.00004	.00038	2.14	.00028	.00018	.00455	.00024	.00507
%RSD	.99151	48.916	.77635	149.38	.22571	.45603	634.08	33.987

#1	.00420	-.00093	277.27	.00007	.08008	.99951	-.00011	.01908
#2	.00428	-.00105	273.02	-.00001	.07978	1.0020	.00023	.01637
#3	.00421	-.00034	275.57	.00050	.08009	.99318	-.00024	.00927

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81905	1.3984	-.00113	.00215	.00133	.0073	.19542	4.1587
Stddev	.00372	.0121	.00027	.00052	.00086	.0004	.00059	.0753
%RSD	.45443	.86598	23.939	24.260	64.519	5.913	.30290	1.8113

#1	.81500	1.4049	-.00105	.00260	.00036	.0070	.19608	4.2378
#2	.81981	1.4058	-.00143	.00227	.00198	.0070	.19521	4.0878
#3	.82233	1.3844	-.00091	.00158	.00164	.0078	.19496	4.1504

Sample Name: J6193-12 Acquired: 12/28/2018 17:10:06 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2059
 Stddev .1776
 %RSD 8.0505

#1 2.0557
 #2 2.4019
 #3 2.1601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.8	44713.	4481.0	104.95	3592.8
Stddev	9.4	117.	27.2	.12	12.5
%RSD	.28279	.26075	.60603	.11186	.34794

#1	3325.5	44697.	4450.9	105.04	3588.2
#2	3319.7	44606.	4503.6	104.98	3583.3
#3	3338.1	44837.	4488.5	104.81	3607.0

Sample Name: J6193-12DUP Acquired: 12/28/2018 17:14:19 Type: Unk
Method: P4-ICP2(v2688) 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	-.00520	-.00124	.01131	.00276	-.00079	.06915	.12907	-.00001
Stddev	.00169	.00067	.00094	.00064	.00149	.01003	.00086	.00004
%RSD	32.516	54.216	8.3104	23.085	189.14	14.503	.66533	641.24

#1	-.00714	-.00183	.01071	.00349	-.00224	.06839	.12922	-.00000
#2	-.00437	-.00051	.01239	.00230	.00074	.07954	.12814	-.00005
#3	-.00408	-.00139	.01082	.00249	-.00086	.05953	.12984	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	56.698	-.00023	.00411	.00276	.45512	1.1696	1.9149
Stddev	.00003	.253	.00032	.00021	.00040	.02621	.0018	.0496
%RSD	11.968	.44667	140.20	5.1006	14.590	5.7593	.15028	2.5882

#1	.00024	56.587	.00002	.00430	.00231	.43322	1.1679	1.9505
#2	.00025	56.518	-.00060	.00415	.00308	.48416	1.1714	1.8583
#3	.00030	56.987	-.00011	.00388	.00288	.44799	1.1696	1.9359

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	-.00075	275.06	-.00004	.07933	1.0054	.00002	.01179
Stddev	.00011	.00042	1.92	.00005	.00060	.0142	.00013	.00931
%RSD	2.8430	55.858	.69630	128.83	.75028	1.4136	586.56	78.947

#1	.00377	-.00053	276.94	-.00009	.07928	1.0112	.00011	.01728
#2	.00396	-.00049	273.11	.00000	.07995	.98924	.00009	.00104
#3	.00395	-.00124	275.13	-.00003	.07877	1.0158	-.00013	.01706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81955	1.3846	-.00116	.00370	.00292	.0076	.19590	4.0360
Stddev	.00668	.0065	.00026	.00029	.00030	.0007	.00091	.0912
%RSD	.81489	.47086	22.644	7.8841	10.252	8.772	.46680	2.2590

#1	.82607	1.3912	-.00088	.00337	.00313	.0070	.19535	4.1289
#2	.81984	1.3782	-.00121	.00386	.00306	.0083	.19695	4.0325
#3	.81273	1.3844	-.00140	.00389	.00258	.0075	.19539	3.9467

Sample Name: J6193-12DUP Acquired: 12/28/2018 17:14:19 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1074
Stddev	.3581
%RSD	16.992

#1	2.3735
#2	2.2483
#3	1.7002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.2	44906.	4515.8	106.16	3592.5
Stddev	13.1	122.	32.1	.95	19.2
%RSD	.39343	.27166	.71100	.89238	.53413

#1	3332.8	44867.	4487.0	106.74	3613.7
#2	3314.1	44809.	4550.4	105.06	3576.3
#3	3307.6	45043.	4510.1	106.67	3587.5

Sample Name: J6193-12LX5 Acquired: 12/28/2018 17:18:32 Type: Unk
Method: P4-ICP2(v2688) 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	-.00053	-.00006	.00244	.00235	-.00106	.01105	.02821	.00004
Stddev	.00045	.00062	.00032	.00102	.00095	.00258	.00027	.00003
%RSD	85.151	1009.1	13.251	43.381	89.514	23.387	.94557	72.331

#1	-.00094	-.00036	.00279	.00120	-.00004	.01077	.02850	.00002
#2	-.00059	.00065	.00236	.00315	-.00191	.01376	.02799	.00007
#3	-.00005	-.00048	.00216	.00269	-.00122	.00862	.02812	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	11.831	-.00023	.00078	.00009	.09721	.24273	.39469
Stddev	.00002	.015	.00011	.00016	.00022	.00471	.00042	.02196
%RSD	25.308	.12621	48.040	20.257	242.28	4.8412	.17354	5.5630

#1	.00008	11.824	-.00035	.00060	.00030	.10186	.24224	.36957
#2	.00013	11.821	-.00014	.00087	-.00014	.09245	.24299	.40428
#3	.00009	11.848	-.00019	.00087	.00011	.09732	.24294	.41022

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00103	57.172	.00005	.01647	.26134	-.00029	.00014
Stddev	.00032	.00061	.426	.00049	.00029	.04078	.00014	.00943
%RSD	27.589	59.169	.74477	1065.7	1.7719	15.604	48.292	6856.1

#1	.00151	-.00146	56.681	.00034	.01614	.30798	-.00046	-.00531
#2	.00088	-.00033	57.410	-.00052	.01657	.24362	-.00020	.01102
#3	.00111	-.00129	57.426	.00032	.01669	.23241	-.00022	-.00530

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16065	.30355	-.00186	.00347	.00128	.0010	.04032	3.4745
Stddev	.00027	.00091	.00023	.00082	.00200	.0013	.00004	.0912
%RSD	.17047	.29904	12.555	23.518	156.06	125.9	.10618	2.6261

#1	.16091	.30455	-.00172	.00360	.00329	.0022	.04036	3.3693
#2	.16068	.30333	-.00174	.00421	.00126	.0012	.04028	3.5323
#3	.16036	.30278	-.00213	.00260	-.00071	-.0004	.04031	3.5220

Sample Name: J6193-12LX5 Acquired: 12/28/2018 17:18:32 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .78238
Stddev .62719
%RSD 80.164

#1 .48996
#2 .35480
#3 1.5024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3473.7	46653.	4491.0	107.64	3869.1
Stddev	7.5	80.	12.3	1.21	5.8
%RSD	.21456	.17127	.27398	1.1244	.14928

#1	3465.9	46731.	4502.1	108.97	3873.6
#2	3474.4	46656.	4477.8	107.34	3862.6
#3	3480.8	46571.	4493.2	106.60	3871.0

Sample Name: PB116058BS Acquired: 12/28/2018 17:27:07 Type: Unk
 Method: P4-ICP2(v2688) 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	.78357	1.9379	.96456	1.9276	.79850	1.9973	.21405
Stddev	.00329	.0068	.00189	.0037	.00222	.0115	.00155
%RSD	.42047	.35305	.19639	.19364	.27804	.57492	.72300

#1	.78537	1.9307	.96309	1.9308	.80106	2.0000	.21453
#2	.78556	1.9443	.96670	1.9283	.79708	1.9847	.21530
#3	.77976	1.9389	.96389	1.9235	.79736	2.0072	.21232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19471	.18655	1.1522	.42931	.19672	.32056	2.9559
Stddev	.00066	.00023	.0030	.00129	.00037	.00119	.0342
%RSD	.34112	.12453	.26251	.30077	.18809	.37133	1.1562

#1	.19524	.18639	1.1507	.42960	.19644	.32131	2.9168
#2	.19492	.18681	1.1502	.43044	.19658	.32118	2.9804
#3	.19396	.18644	1.1557	.42790	.19714	.31919	2.9705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21456	2.0958	.48636	.07348	3.1944	.30009	.20071
Stddev	.00013	.0327	.00164	.00061	.0121	.00054	.00168
%RSD	.05936	1.5622	.33631	.83514	.37738	.18119	.83687

#1	.21444	2.0728	.48457	.07371	3.2072	.30061	.19916
#2	.21469	2.1332	.48777	.07394	3.1925	.30012	.20250
#3	.21456	2.0812	.48674	.07278	3.1833	.29953	.20048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.542	.41889	.29883	F -.00374	.94946	.64288	.19903
Stddev	.030	.00117	.00642	.00147	.00726	.00051	.00280
%RSD	.28902	.27819	2.1476	39.350	.76477	.07950	1.4045

#1	10.563	.41985	.30623	-.00532	.95498	.64236	.20165
#2	10.555	.41924	.29476	-.00242	.95217	.64338	.19934
#3	10.507	.41759	.29550	-.00347	.94124	.64292	.19609

Sample Name: PB116058BS Acquired: 12/28/2018 17:27:07 Type: Unk
 Method: P4-ICP2(v2688) 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	.21643	5.109	.21140	F 3.0902	F<.00000
Stddev	.00285	.013	.00058	.0453	.06010
%RSD	1.3182	.2591	.27627	1.4655	2.8305
#1	.21926	5.100	.21197	3.0406	-2.1514
#2	.21647	5.125	.21144	3.1293	-2.0542
#3	.21355	5.104	.21080	3.1007	-2.1640
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.6	48066.	4416.6	107.55	4028.0
Stddev	14.0	93.	27.1	.81	4.4
%RSD	.39780	.19430	.61284	.75060	.10824
#1	3514.8	47959.	4396.1	108.11	4024.0
#2	3522.8	48133.	4406.4	106.62	4027.4
#3	3542.1	48106.	4447.3	107.92	4032.7

Sample Name: J6193-12MS Acquired: 12/28/2018 17:37:28 Type: Unk
Method: P4-ICP2(v2688) 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	.90333	2.0238	1.0527	2.2274	.89479	2.4012	.34978	.22243	.20986
Stddev	.00214	.0038	.0017	.0070	.00266	.0107	.00375	.00054	.00026
%RSD	.23700	.18926	.16366	.31266	.29680	.44474	1.0735	.24127	.12568
#1	.90432	2.0283	1.0539	2.2204	.89784	2.3995	.35316	.22227	.21011
#2	.90087	2.0214	1.0536	2.2274	.89304	2.4126	.34574	.22200	.20988
#3	.90479	2.0218	1.0507	2.2343	.89347	2.3914	.35044	.22303	.20958
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.961	.46431	.21979	.33829	3.6415	1.3659	4.0646	.53452	.08126
Stddev	.408	.00277	.00028	.00070	.1075	.0027	.0525	.00045	.00016
%RSD	.71554	.59765	.12909	.20804	2.9533	.19548	1.2926	.08348	.20169
#1	57.021	.46506	.22002	.33837	3.6138	1.3670	4.0659	.53484	.08113
#2	56.526	.46123	.21947	.33755	3.5505	1.3628	4.0114	.53401	.08144
#3	57.335	.46663	.21986	.33895	3.7602	1.3678	4.1164	.53471	.08120
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	274.34	.33319	.28916	12.141	.46790	.33797	.80844	2.3719	.72589
Stddev	3.78	.00212	.00993	.022	.00119	.00839	.00339	.0292	.00376
%RSD	1.3788	.63589	3.4341	.18388	.25508	2.4810	.41877	1.2309	.51813
#1	272.79	.33435	.28476	12.129	.46653	.33509	.80470	2.3531	.72675
#2	271.58	.33074	.28218	12.128	.46871	.33141	.80934	2.3571	.72915
#3	278.65	.33447	.30052	12.167	.46845	.34742	.81128	2.4056	.72178
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21831	.22585	6.356	.41478	4.0882	.02377			
Stddev	.00189	.00171	.005	.00255	.1246	.18490			
%RSD	.86379	.75545	.0816	.61485	3.0478	777.81			
#1	.21919	.22782	6.362	.41490	4.2003	-.10579			
#2	.21614	.22473	6.352	.41217	3.9541	.23552			
#3	.21959	.22502	6.354	.41727	4.1103	-.05841			

Sample Name: J6193-12MS Acquired: 12/28/2018 17:37:28 Type: Unk
Method: P4-ICP2(v2688) 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	3330.1	44757.	4471.8	106.19	3577.7
Stddev	1.9	117.	43.5	3.32	6.6
%RSD	.05670	.26105	.97308	3.1225	.18503
#1	3328.1	44631.	4465.1	107.41	3570.9
#2	3331.9	44779.	4518.2	108.71	3578.3
#3	3330.3	44862.	4432.0	102.43	3584.1

Sample Name: CCV06 Acquired: 12/28/2018 17:41:21 Type: Unk
Method: P4-ICP2(v2688) 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	4.9627	4.7613	4.8067	4.8627	4.9507	9.9615	9.7022	.24241
Stddev	.0152	.0033	.0062	.0173	.0129	.1227	.0517	.00055
%RSD	.30619	.06990	.12794	.35666	.26099	1.2312	.53338	.22535
#1	4.9563	4.7647	4.8061	4.8517	4.9551	9.8567	9.7549	.24209
#2	4.9517	4.7610	4.8009	4.8536	4.9362	10.096	9.6515	.24304
#3	4.9800	4.7581	4.8132	4.8827	4.9609	9.9313	9.7000	.24210
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3600	25.833	.99787	2.3711	1.2288	4.7487	2.4656	24.283
Stddev	.0045	.056	.00130	.0032	.0040	.0462	.0075	.065
%RSD	.19253	.21533	.12992	.13268	.32992	.97359	.30476	.26707
#1	2.3589	25.776	.99661	2.3713	1.2289	4.7964	2.4601	24.212
#2	2.3561	25.887	.99781	2.3679	1.2247	4.7456	2.4741	24.299
#3	2.3650	25.835	.99920	2.3742	1.2328	4.7041	2.4626	24.339
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3465	1.2632	23.469	2.3520	2.4368	24.126	4.9848	4.8830
Stddev	.0034	.0024	.157	.0047	.0321	.092	.0144	.0075
%RSD	.14423	.18753	.66832	.20132	1.3162	.38054	.28795	.15394
#1	2.3451	1.2648	23.597	2.3471	2.4733	24.219	4.9803	4.8744
#2	2.3440	1.2644	23.294	2.3566	2.4133	24.036	4.9733	4.8864
#3	2.3503	1.2605	23.516	2.3524	2.4237	24.122	5.0009	4.8882
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6283	4.8969	4.7846	4.8419	4.8959	4.786	5.1047	F 3.8347
Stddev	.0119	.0291	.0112	.0112	.0227	.007	.0239	.0437
%RSD	.25677	.59405	.23479	.23210	.46351	.1472	.46738	1.1403
#1	4.6290	4.9118	4.7772	4.8532	4.9145	4.789	5.1313	3.8538
#2	4.6161	4.8634	4.7792	4.8419	4.8706	4.778	5.0851	3.7847
#3	4.6398	4.9156	4.7975	4.8307	4.9026	4.791	5.0979	3.8657

Sample Name: CCV06 Acquired: 12/28/2018 17:41:21 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5800
Stddev .1357
%RSD 5.2582

#1 2.6289
#2 2.6843
#3 2.4266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.1	45933.	4464.6	101.49	3630.4
Stddev	6.0	142.	37.7	1.38	4.7
%RSD	.17734	.30863	.84397	1.3627	.12829

#1	3408.2	45923.	4431.9	99.912	3626.4
#2	3414.0	45797.	4505.8	102.48	3635.5
#3	3401.9	46080.	4456.1	102.08	3629.2

Sample Name: CCB06 Acquired: 12/28/2018 17:45:03 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	.00171	-.00002	.00369	-.00109	-.00225	.00204
Stddev	.00091	.00052	.00026	.00189	.00068	.00711	.00067
%RSD	91.616	30.198	1299.4	51.227	62.010	316.52	32.831

#1	-.00046	.00147	.00028	.00186	-.00124	-.00385	.00127
#2	-.00048	.00230	-.00021	.00357	-.00169	-.00842	.00244
#3	-.00204	.00135	-.00013	.00564	-.00035	.00553	.00243

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00002	.00585	-.00004	.00007	-.00037	.00767
Stddev	.00002	.00004	.00848	.00035	.00015	.00033	.00298
%RSD	101.01	209.64	144.88	897.41	208.04	89.449	38.840

#1	.00004	-.00007	-.00392	-.00031	.00002	-.00010	.00936
#2	.00002	.00001	.01022	-.00017	.00024	-.00074	.00942
#3	-.00000	-.00000	.01125	.00036	-.00004	-.00027	.00423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.01708	.00084	-.00052	.06989	.00009	-.00069
Stddev	.00001	.00928	.00014	.00017	.00607	.00023	.00003
%RSD	10.730	54.366	16.282	33.463	8.6798	252.15	4.8306

#1	.00015	-.01838	.00098	-.00032	.06501	.00035	-.00066
#2	.00012	-.00721	.00071	-.00060	.06799	-.00008	-.00072
#3	.00013	-.02564	.00084	-.00064	.07668	-.00000	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03100	.00015	.00821	-.00344	.00330	-.00094	.00393
Stddev	.02512	.00032	.00484	.00097	.00095	.00023	.00101
%RSD	81.026	210.36	58.925	28.315	28.704	24.590	25.812

#1	.05952	.00045	.01322	-.00456	.00429	-.00068	.00317
#2	.01215	.00018	.00355	-.00275	.00241	-.00102	.00508
#3	.02134	-.00018	.00787	-.00302	.00319	-.00112	.00353

Sample Name: CCB06 Acquired: 12/28/2018 17:45:03 Type: Unk
Method: P4-ICP2(v2688) 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	.00185	-.0002	-.00001	F 3.1929	F<.00000
Stddev	.00091	.0001	.00003	.0489	.25418
%RSD	49.243	54.88	340.05	1.5312	964.66

#1	.00213	-.0003	.00000	3.2471	.12394
#2	.00083	-.0003	.00001	3.1521	-.31982
#3	.00259	-.0001	-.00004	3.1794	.11683

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3555.1	47993.	4482.4	108.13	4120.4
Stddev	24.1	99.	40.1	1.52	27.6
%RSD	.67794	.20645	.89408	1.4015	.67078

#1	3535.3	47893.	4528.4	109.14	4097.8
#2	3548.0	48091.	4454.7	106.38	4112.2
#3	3581.9	47993.	4464.2	108.85	4151.2

Sample Name: J6193-12MSD Acquired: 12/28/2018 17:49:12 Type: Unk
Method: P4-ICP2(v2688) 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	.89986	2.0106	1.0486	2.2128	.89166	2.4187	.34940	.22138	.20853
Stddev	.00180	.0055	.0014	.0115	.00236	.0135	.00436	.00093	.00038
%RSD	.19971	.27205	.13673	.51990	.26508	.55811	1.2479	.42224	.18318
#1	.89865	2.0065	1.0485	2.2108	.89419	2.4296	.34510	.22048	.20897
#2	.90193	2.0168	1.0501	2.2025	.89129	2.4229	.34928	.22133	.20838
#3	.89901	2.0083	1.0472	2.2252	.88951	2.4036	.35382	.22234	.20825
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.720	.46111	.21873	.33714	3.6335	1.3592	4.0671	.53122	.08099
Stddev	.650	.00145	.00060	.00138	.0292	.0017	.0467	.00119	.00086
%RSD	1.1460	.31496	.27284	.41068	.80331	.12669	1.1490	.22412	1.0612
#1	56.292	.46094	.21938	.33710	3.6000	1.3583	4.0305	.53259	.08118
#2	56.400	.45975	.21820	.33578	3.6473	1.3581	4.1197	.53066	.08005
#3	57.468	.46264	.21860	.33855	3.6532	1.3612	4.0511	.53042	.08173
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	274.29	.33071	.28914	12.222	.46623	.32681	.80676	2.3610	.72431
Stddev	2.91	.00095	.00170	.093	.00008	.01321	.00200	.0254	.00063
%RSD	1.0618	.28861	.58838	.76443	.01757	4.0425	.24814	1.0755	.08673
#1	273.69	.32966	.28718	12.137	.46633	.34030	.80448	2.3325	.72457
#2	271.73	.33152	.29021	12.208	.46618	.32622	.80760	2.3692	.72478
#3	277.46	.33096	.29003	12.322	.46620	.31390	.80821	2.3813	.72360
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21850	.22702	6.328	.41305	4.1131	.20328			
Stddev	.00171	.00143	.019	.00448	.1310	.22011			
%RSD	.78169	.63103	.3006	1.0840	3.1854	108.28			
#1	.21793	.22860	6.321	.40951	4.0696	.27153			
#2	.21715	.22665	6.350	.41156	4.0095	.38119			
#3	.22042	.22581	6.314	.41809	4.2604	-.04287			

Sample Name: J6193-12MSD Acquired: 12/28/2018 17:49:12 Type: Unk
Method: P4-ICP2(v2688) 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	3333.0	44991.	4474.4	105.88	3588.0
Stddev	8.6	77.	39.7	.75	4.3
%RSD	.25692	.17071	.88631	.70412	.12059
#1	3334.1	45070.	4516.1	106.74	3588.1
#2	3341.0	44984.	4470.0	105.54	3592.3
#3	3324.0	44917.	4437.2	105.37	3583.6

Sample Name: J6193-12A Acquired: 12/28/2018 17:53:06 Type: Unk
Method: P4-ICP2(v2688) 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	.89183	1.9850	1.0417	2.1832	.87772	2.3838	.35146	.22221
Stddev	.01540	.0350	.0176	.0407	.01708	.0228	.00230	.00036
%RSD	1.7264	1.7650	1.6854	1.8639	1.9463	.95864	.65477	.16179
#1	.89559	2.0030	1.0481	2.1899	.88133	2.3575	.35141	.22227
#2	.90499	2.0074	1.0551	2.2200	.89271	2.3985	.35378	.22253
#3	.87490	1.9446	1.0218	2.1395	.85912	2.3955	.34918	.22182
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20637	57.002	.46141	.21640	.33184	3.6531	1.3617	4.1157
Stddev	.00335	.250	.00256	.00371	.00461	.1030	.0023	.0365
%RSD	1.6241	.43783	.55492	1.7128	1.3888	2.8182	.17157	.88728
#1	.20822	56.756	.45878	.21747	.33307	3.5825	1.3591	4.1531
#2	.20838	57.255	.46155	.21946	.33571	3.7713	1.3635	4.0802
#3	.20250	56.994	.46390	.21228	.32674	3.6057	1.3625	4.1138
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52465	.08120	274.74	.33117	.29438	12.216	.46084	.32957
Stddev	.00904	.00074	2.24	.00032	.00811	.045	.00790	.00557
%RSD	1.7240	.91700	.81442	.09733	2.7553	.36998	1.7138	1.6899
#1	.52817	.08047	272.63	.33103	.29136	12.164	.46296	.32323
#2	.53141	.08118	277.09	.33094	.30357	12.241	.46747	.33368
#3	.51438	.08196	274.49	.33154	.28822	12.243	.45210	.33181
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78938	2.3892	.71701	.21779	.22667	6.248	.41636	4.0564
Stddev	.01582	.0163	.01219	.00208	.00076	.126	.00200	.0708
%RSD	2.0044	.68357	1.7005	.95501	.33662	2.016	.47992	1.7447
#1	.79866	2.3759	.72067	.21552	.22734	6.304	.41446	3.9810
#2	.79837	2.3841	.72696	.21823	.22584	6.336	.41844	4.1214
#3	.77111	2.4074	.70341	.21961	.22683	6.103	.41620	4.0668

Sample Name: J6193-12A Acquired: 12/28/2018 17:53:06 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.37075
%RSD	1641.6

#1	-.43505
#2	.08436
#3	.28293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.6	44844.	4437.0	103.86	3609.7
Stddev	44.6	73.	11.4	2.60	49.3
%RSD	1.3295	.16234	.25615	2.5060	1.3644

#1	3367.4	44884.	4439.7	105.50	3601.1
#2	3308.9	44760.	4424.6	100.86	3565.2
#3	3396.6	44888.	4446.8	105.23	3662.6

Sample Name: J6193-14 Acquired: 12/28/2018 17:57:01 Type: Unk
Method: P4-ICP2(v2688) 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	-.00423	-.00252	.00818	.00528	-.00081	.08316	.10841	.00009
Stddev	.00106	.00018	.00086	.00118	.00106	.00498	.00067	.00002
%RSD	24.998	6.9943	10.549	22.430	130.98	5.9854	.61965	26.651

#1	-.00487	-.00235	.00813	.00524	-.00202	.07843	.10911	.00006
#2	-.00301	-.00250	.00735	.00648	-.00032	.08270	.10834	.00011
#3	-.00481	-.00270	.00907	.00411	-.00008	.08835	.10778	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	18.965	-.00000	.00249	.00410	1.0978	.90623	1.1526
Stddev	.00005	.106	.00023	.00009	.00020	.0148	.00181	.0301
%RSD	39.247	.55790	18928.	3.6590	4.8570	1.3520	.19963	2.6150

#1	.00007	19.086	.00022	.00238	.00420	1.0816	.90720	1.1461
#2	.00014	18.890	-.00024	.00256	.00423	1.1108	.90735	1.1854
#3	.00015	18.920	.00002	.00252	.00387	1.1010	.90414	1.1262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	-.00060	257.31	.00032	.04129	.73187	.00002	.00350
Stddev	.00022	.00018	1.80	.00051	.00066	.01713	.00016	.00465
%RSD	6.3141	29.804	.70015	157.45	1.5873	2.3409	1021.8	132.79

#1	.00345	-.00062	258.61	.00078	.04126	.72934	-.00013	.00418
#2	.00378	-.00077	255.25	.00042	.04196	.71614	-.00000	.00778
#3	.00336	-.00041	258.07	-.00023	.04065	.75012	.00018	-.00145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52487	.65799	-.00180	.00392	.00253	.0095	.05356	4.0593
Stddev	.00114	.00417	.00005	.00038	.00017	.0007	.00022	.1146
%RSD	.21697	.63443	2.6675	9.7444	6.8626	7.117	.40922	2.8227

#1	.52594	.66109	-.00184	.00419	.00239	.0095	.05376	4.1570
#2	.52367	.65963	-.00175	.00348	.00272	.0088	.05358	4.0878
#3	.52499	.65324	-.00183	.00410	.00247	.0101	.05332	3.9332

Sample Name: J6193-14 Acquired: 12/28/2018 17:57:01 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6915
Stddev	.5785
%RSD	34.197

#1	2.3483
#2	1.4685
#3	1.2578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.8	45222.	4428.9	105.54	3673.3
Stddev	.5	132.	32.8	1.18	6.1
%RSD	.01462	.29212	.73975	1.1203	.16610

#1	3355.2	45119.	4391.2	105.77	3679.3
#2	3355.9	45177.	4444.5	104.27	3667.1
#3	3356.2	45371.	4450.9	106.60	3673.7

Sample Name: J6193-16 Acquired: 12/28/2018 18:01:16 Type: Unk
Method: P4-ICP2(v2688) 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	-.00277	-.00258	.01005	.00514	-.00112	.10102	.12088	.00005
Stddev	.00117	.00029	.00085	.00081	.00101	.00233	.00071	.00010
%RSD	42.270	11.306	8.4703	15.683	90.138	2.3111	.59021	201.56

#1	-.00255	-.00245	.00918	.00594	-.00172	.09843	.12163	.00002
#2	-.00404	-.00292	.01088	.00515	.00005	.10168	.12079	-.00003
#3	-.00173	-.00238	.01009	.00433	-.00168	.10296	.12022	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	43.530	.00012	.00553	.00724	.66287	.94540	1.6008
Stddev	.00004	.349	.00014	.00007	.00048	.00195	.00121	.0363
%RSD	18.119	.80200	113.94	1.3336	6.5929	.29425	.12772	2.2688

#1	.00019	43.513	.00027	.00545	.00779	.66406	.94440	1.5711
#2	.00024	43.190	.00001	.00557	.00701	.66394	.94505	1.6413
#3	.00027	43.888	.00008	.00557	.00693	.66062	.94674	1.5901

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00624	-.00086	314.93	.00049	.04138	1.2511	.00001	.01419
Stddev	.00040	.00036	1.62	.00022	.00037	.0344	.00015	.00593
%RSD	6.3616	41.128	.51481	44.645	.89317	2.7497	2199.7	41.798

#1	.00582	-.00045	314.70	.00025	.04111	1.2315	.00003	.01734
#2	.00661	-.00108	313.44	.00054	.04124	1.2310	-.00015	.01787
#3	.00629	-.00106	316.66	.00069	.04180	1.2908	.00014	.00735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3889	1.4973	-.00102	.00403	.00541	.0095	.17496	4.4219
Stddev	.0049	.0118	.00056	.00012	.00076	.0016	.00067	.0391
%RSD	.35005	.78608	55.181	2.8977	14.031	16.62	.38161	.88534

#1	1.3834	1.4894	-.00097	.00394	.00629	.0077	.17551	4.4212
#2	1.3909	1.4917	-.00160	.00399	.00498	.0103	.17422	4.4614
#3	1.3925	1.5109	-.00048	.00416	.00497	.0106	.17515	4.3831

Sample Name: J6193-16 Acquired: 12/28/2018 18:01:16 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1355
 Stddev .1896
 %RSD 8.8774

#1 2.0947
 #2 1.9697
 #3 2.3422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.9	44773.	4446.2	104.03	3613.1
Stddev	5.6	24.	26.0	.78	4.5
%RSD	.16639	.05417	.58537	.74701	.12503

#1	3335.3	44749.	4443.4	104.30	3616.5
#2	3334.2	44797.	4473.5	104.63	3614.8
#3	3344.3	44772.	4421.7	103.15	3608.0

Sample Name: J6193-18 Acquired: 12/28/2018 18:05:30 Type: Unk
Method: P4-ICP2(v2688) 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	-.00402	-.00185	.04989	.00421	-.00162	.07729	.12328	.00007
Stddev	.00120	.00103	.00089	.00211	.00092	.00880	.00053	.00004
%RSD	29.849	55.410	1.7920	50.148	56.683	11.390	.42692	56.966

#1	-.00477	-.00114	.04889	.00209	-.00241	.08700	.12366	.00008
#2	-.00466	-.00303	.05061	.00631	-.00061	.06984	.12351	.00009
#3	-.00264	-.00139	.05018	.00422	-.00183	.07502	.12268	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	22.946	-.00015	.00431	.00557	1.1790	.83806	1.3523
Stddev	.00003	.017	.00028	.00012	.00036	.0225	.01361	.0362
%RSD	18.302	.07280	182.21	2.8081	6.4919	1.9076	1.6243	2.6764

#1	.00016	22.928	-.00017	.00426	.00583	1.1925	.82873	1.3940
#2	.00011	22.962	.00014	.00445	.00571	1.1530	.85368	1.3331
#3	.00015	22.947	-.00042	.00422	.00516	1.1913	.83177	1.3297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	-.00106	296.84	.00046	.03920	.75644	-.00021	.01170
Stddev	.00021	.00054	3.24	.00028	.00042	.01965	.00008	.00635
%RSD	5.2004	51.304	1.0921	60.724	1.0712	2.5974	36.684	54.227

#1	.00399	-.00136	293.17	.00077	.03918	.74674	-.00017	.01797
#2	.00386	-.00138	298.03	.00022	.03878	.74353	-.00029	.00528
#3	.00427	-.00043	299.33	.00039	.03962	.77905	-.00015	.01185

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23915	.56844	-.00104	.00437	.00473	.0114	.06787	4.4363
Stddev	.00422	.00794	.00075	.00017	.00201	.0013	.00014	.1202
%RSD	1.7633	1.3970	72.302	3.9975	42.404	11.50	.20137	2.7101

#1	.23990	.56041	-.00143	.00420	.00561	.0126	.06777	4.3463
#2	.24294	.56863	-.00017	.00455	.00244	.0116	.06802	4.5729
#3	.23460	.57629	-.00151	.00435	.00615	.0100	.06781	4.3897

Sample Name: J6193-18 Acquired: 12/28/2018 18:05:30 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7932
Stddev	.4122
%RSD	22.986

#1	1.7556
#2	2.2228
#3	1.4010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.3	44321.	4385.5	103.55	3600.0
Stddev	10.8	588.	21.0	1.45	5.9
%RSD	.32628	1.3268	.47939	1.4017	.16397

#1	3299.2	44602.	4408.3	103.74	3602.9
#2	3320.0	43646.	4381.4	104.89	3593.2
#3	3314.7	44717.	4366.8	102.01	3603.9

Sample Name: J6578-01 Acquired: 12/28/2018 18:09:46 Type: Unk
Method: P4-ICP2(v2688) 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	-.00464	-.00171	.00042	.00196	.00002	.00929	.17328	-.00009
Stddev	.00129	.00088	.00077	.00140	.00213	.00791	.00029	.00002
%RSD	27.820	51.557	183.86	71.708	11003.	85.163	.16606	18.905

#1	-.00408	-.00070	.00110	.00058	.00247	.00512	.17296	-.00008
#2	-.00612	-.00210	.00056	.00190	-.00115	.00433	.17352	-.00009
#3	-.00373	-.00231	-.00041	.00338	-.00126	.01841	.17336	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.58995	.00066	.00009	.01296	.02032	.01637	.10730
Stddev	.00004	.01542	.00032	.00017	.00081	.00623	.00019	.00308
%RSD	221.50	2.6133	49.172	182.90	6.2812	30.670	1.1812	2.8727

#1	.00006	.57315	.00028	-.00009	.01319	.02453	.01621	.10944
#2	.00000	.59324	.00081	.00026	.01206	.02328	.01658	.10870
#3	-.00001	.60345	.00087	.00011	.01364	.01316	.01631	.10377

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00075	317.68	-.00016	.18124	.30032	.00001	.02986
Stddev	.00013	.00037	5.35	.00027	.00298	.03237	.00005	.00514
%RSD	3.3217	49.004	1.6837	168.85	1.6463	10.779	319.86	17.224

#1	.00379	-.00110	321.57	-.00010	.18469	.26763	.00003	.02426
#2	.00388	-.00078	311.58	-.00046	.17964	.33236	.00005	.03096
#3	.00405	-.00037	319.89	.00007	.17941	.30096	-.00004	.03436

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17862	.04826	-.00106	.00570	.00254	-.0012	.00343	4.3620
Stddev	.00153	.00351	.00066	.00216	.00188	.0010	.00002	.1609
%RSD	.85602	7.2827	61.986	37.876	73.898	84.85	.58302	3.6889

#1	.17847	.05232	-.00147	.00733	.00046	-.0024	.00342	4.5205
#2	.17718	.04626	-.00140	.00653	.00304	-.0007	.00345	4.1987
#3	.18022	.04621	-.00030	.00325	.00412	-.0006	.00342	4.3669

Sample Name: J6578-01 Acquired: 12/28/2018 18:09:46 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2136
 Stddev .3810
 %RSD 31.390

#1 .88305
 #2 1.1276
 #3 1.6302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3326.6	44314.	4369.2	103.32	3639.9
Stddev	1.7	111.	52.0	1.59	20.6
%RSD	.05098	.24942	1.1900	1.5389	.56476

#1	3328.5	44198.	4333.9	101.51	3616.5
#2	3325.7	44327.	4429.0	103.98	3648.2
#3	3325.5	44418.	4344.8	104.48	3655.0

Sample Name: J6551-01 Acquired: 12/28/2018 18:14:03 Type: Unk
Method: P4-ICP2(v2688) 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	-.00240	.00114	.00453	.00159	-.00110	.00822	.00639	.00001
Stddev	.00176	.00097	.00084	.00094	.00105	.00219	.00012	.00002
%RSD	73.312	84.991	18.630	59.489	95.752	26.670	1.9555	284.10

#1	-.00208	.00004	.00486	.00163	-.00085	.01003	.00653	.00003
#2	-.00430	.00153	.00517	.00062	-.00019	.00578	.00631	-.00001
#3	-.00082	.00186	.00357	.00251	-.00225	.00884	.00632	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.63144	.00024	.00040	.05623	.10420	.01739	.08226
Stddev	.00002	.02375	.00020	.00006	.00054	.01542	.00014	.00617
%RSD	36.656	3.7619	81.886	15.210	.95733	14.803	.81730	7.4949

#1	.00003	.65887	.00002	.00035	.05643	.11162	.01730	.07652
#2	.00006	.61752	.00039	.00047	.05664	.11450	.01732	.08148
#3	.00004	.61793	.00033	.00037	.05562	.08646	.01756	.08878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07011	-.00091	.69774	-.00032	.13569	.14882	.00005	.00381
Stddev	.00029	.00063	.03212	.00016	.00186	.00806	.00020	.00450
%RSD	.41293	68.883	4.6030	49.781	1.3709	5.4180	371.13	118.06

#1	.06998	-.00161	.73220	-.00050	.13665	.15364	.00021	.00683
#2	.07044	-.00069	.69237	-.00021	.13687	.15331	-.00017	-.00136
#3	.06991	-.00042	.66865	-.00024	.13355	.13951	.00013	.00596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04415	.01775	-.00208	.00531	-.00287	.0026	.00103	3.3516
Stddev	.00287	.00199	.00049	.00116	.00089	.0010	.00004	.1354
%RSD	6.5020	11.219	23.729	21.860	31.056	39.46	4.2600	4.0393

#1	.04096	.01827	-.00235	.00477	-.00221	.0022	.00100	3.4719
#2	.04653	.01555	-.00239	.00452	-.00251	.0019	.00101	3.3778
#3	.04496	.01943	-.00151	.00664	-.00388	.0038	.00108	3.2050

Sample Name: J6551-01 Acquired: 12/28/2018 18:14:03 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .50423
%RSD 233.66

#1 .34809
#2 -.37216
#3 -.62332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.9	48537.	4498.0	107.89	4174.9
Stddev	8.0	135.	18.7	1.37	11.3
%RSD	.22549	.27802	.41504	1.2726	.27166

#1	3569.2	48428.	4477.3	107.58	4186.8
#2	3553.8	48494.	4513.6	106.70	4164.2
#3	3565.5	48688.	4503.0	109.39	4173.7

Sample Name: J6551-01DUP Acquired: 12/28/2018 18:18:11 Type: Unk
Method: P4-ICP2(v2688) 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	-.00188	.00117	.00467	.00119	-.00101	.01323	.00594	.00000
Stddev	.00042	.00039	.00058	.00154	.00084	.00295	.00051	.00008
%RSD	22.117	33.378	12.477	129.99	82.734	22.320	8.5744	1636.6

#1	-.00234	.00103	.00494	.00071	-.00075	.01653	.00637	.00007
#2	-.00178	.00161	.00400	.00291	-.00034	.01081	.00538	-.00008
#3	-.00153	.00087	.00508	-.00006	-.00195	.01236	.00607	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.51944	.00025	.00039	.05579	.09809	.01632	.05108
Stddev	.00006	.02700	.00021	.00024	.00040	.00738	.00005	.02333
%RSD	53.451	5.1987	85.459	60.541	.72389	7.5269	.30257	45.671

#1	.00005	.51580	.00047	.00042	.05588	.10642	.01630	.06581
#2	.00016	.49444	.00004	.00061	.05535	.09236	.01629	.02418
#3	.00012	.54808	.00024	.00014	.05614	.09549	.01638	.06325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06962	-.00098	.46038	-.00028	.13503	.10697	.00002	-.00320
Stddev	.00035	.00058	.00588	.00022	.00178	.00821	.00015	.00526
%RSD	.49854	59.369	1.2779	78.661	1.3212	7.6704	720.09	164.36

#1	.06964	-.00092	.46456	-.00003	.13570	.11567	-.00015	.00264
#2	.06996	-.00043	.46292	-.00035	.13300	.09937	.00009	-.00468
#3	.06927	-.00159	.45365	-.00046	.13638	.10588	.00012	-.00757

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03479	.01758	-.00241	.00437	-.00213	.0024	.00095	3.3644
Stddev	.00097	.00030	.00024	.00036	.00041	.0008	.00004	.0482
%RSD	2.7829	1.7217	9.8999	8.1288	19.280	31.87	3.8806	1.4317

#1	.03564	.01725	-.00237	.00476	-.00166	.0015	.00099	3.3090
#2	.03500	.01784	-.00266	.00428	-.00229	.0029	.00092	3.3875
#3	.03374	.01764	-.00219	.00407	-.00243	.0028	.00095	3.3967

Sample Name: J6551-01DUP Acquired: 12/28/2018 18:18:11 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .02501
Stddev .71977
%RSD 2878.3

#1 -.11584
#2 .80479
#3 -.61393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.2	48532.	4478.3	106.39	4180.0
Stddev	12.7	119.	57.8	1.55	15.1
%RSD	.35655	.24606	1.2909	1.4569	.36020

#1	3557.7	48669.	4414.8	105.73	4166.3
#2	3572.9	48447.	4527.8	108.17	4177.4
#3	3583.1	48481.	4492.3	105.29	4196.1

Sample Name: J6551-01LX5 Acquired: 12/28/2018 18:22:19 Type: Unk
Method: P4-ICP2(v2688) 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	.00153	-.00017	-.00001	-.00119	-.00179	.00360	.00004
Stddev	.00082	.00057	.00125	.00086	.00055	.00401	.00089	.00004
%RSD	40.473	37.110	740.83	5791.0	45.735	223.27	24.633	102.46

#1	-.00138	.00134	.00044	.00012	-.00118	.00206	.00259	.00001
#2	-.00293	.00217	.00066	.00077	-.00065	-.00594	.00424	.00002
#3	-.00173	.00108	-.00160	-.00094	-.00174	-.00151	.00397	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.12664	.00004	.00013	.01129	.01799	.00350	.01542
Stddev	.00015	.01487	.00016	.00020	.00018	.01495	.00002	.02082
%RSD	388.78	11.740	424.82	154.83	1.6328	83.074	.65226	135.00

#1	.00014	.14354	.00022	.00022	.01149	.03245	.00352	.03735
#2	.00011	.12079	-.00002	.00025	.01128	.01894	.00350	.01299
#3	-.00013	.11558	-.00009	-.00010	.01112	.00259	.00348	-.00407

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01474	-.00074	.16316	.00015	.02644	.05137	.00002	-.00413
Stddev	.00032	.00045	.00425	.00048	.00033	.02888	.00017	.00180
%RSD	2.1387	61.092	2.6033	311.41	1.2547	56.223	1015.5	43.541

#1	.01459	-.00095	.16806	-.00032	.02681	.07267	.00003	-.00215
#2	.01510	-.00022	.16082	.00064	.02633	.01850	-.00016	-.00567
#3	.01452	-.00106	.16059	.00014	.02617	.06296	.00018	-.00457

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00478	.00577	-.00194	.00372	-.00050	-.0002	.00015	3.4375
Stddev	.00081	.00175	.00010	.00180	.00050	.0007	.00008	.1357
%RSD	16.939	30.276	5.3783	48.307	99.929	465.5	53.267	3.9480

#1	.00430	.00747	-.00201	.00400	-.00103	-.0008	.00013	3.3387
#2	.00572	.00586	-.00182	.00180	-.00046	.0006	.00008	3.5923
#3	.00433	.00398	-.00200	.00536	-.00002	-.0002	.00023	3.3816

Sample Name: J6551-01LX5 Acquired: 12/28/2018 18:22:19 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.30845
Stddev	.12215
%RSD	39.600

#1	.41812
#2	.17681
#3	.33042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.4	47636.	4414.9	106.66	4112.1
Stddev	16.3	141.	24.8	.65	11.0
%RSD	.46001	.29702	.56234	.60525	.26724

#1	3528.5	47594.	4415.4	106.10	4099.5
#2	3546.7	47520.	4439.5	106.52	4119.8
#3	3561.0	47793.	4389.8	107.37	4117.0

Sample Name: J6551-01MS Acquired: 12/28/2018 18:35:45 Type: Unk
Method: P4-ICP2(v2688) 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	.85661	2.0643	1.0308	2.0913	.87223	2.1931	.22604
Stddev	.00325	.0068	.0039	.0034	.00070	.0074	.00150
%RSD	.37976	.33110	.38023	.16359	.08071	.33558	.66443

#1	.85341	2.0569	1.0266	2.0904	.87229	2.2013	.22757
#2	.85650	2.0657	1.0314	2.0885	.87150	2.1872	.22457
#3	.85991	2.0704	1.0344	2.0951	.87290	2.1908	.22598

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21311	.19721	1.7278	.45388	.20621	.40386	3.1963
Stddev	.00029	.00041	.0176	.00518	.00042	.00083	.0413
%RSD	.13838	.20660	1.0161	1.1416	.20531	.20441	1.2916

#1	.21283	.19706	1.7479	.44858	.20572	.40295	3.2326
#2	.21308	.19690	1.7154	.45411	.20648	.40456	3.1514
#3	.21342	.19767	1.7200	.45894	.20643	.40408	3.2050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24156	2.2935	.57878	.08116	3.4747	.31337	.34583
Stddev	.00088	.0454	.00070	.00087	.0159	.00052	.00677
%RSD	.36254	1.9781	.12053	1.0732	.45916	.16440	1.9580

#1	.24077	2.3437	.57851	.08064	3.4927	.31282	.35300
#2	.24140	2.2814	.57826	.08067	3.4692	.31344	.33954
#3	.24251	2.2555	.57958	.08216	3.4622	.31384	.34495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.188	.44750	.31793	.03115	1.0205	.68686	.21116
Stddev	.022	.00102	.00877	.00435	.0012	.00081	.00094
%RSD	.20109	.22904	2.7573	13.972	.11719	.11811	.44537

#1	11.208	.44647	.31593	.03194	1.0211	.68593	.21186
#2	11.193	.44753	.31034	.02645	1.0191	.68719	.21009
#3	11.164	.44852	.32752	.03505	1.0213	.68745	.21153

Sample Name: J6551-01MS Acquired: 12/28/2018 18:35:45 Type: Unk
Method: P4-ICP2(v2688) 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	.22137	5.435	.22146	3.5676	F<.00000
Stddev	.00313	.015	.00251	.1644	.76924
%RSD	1.4144	.2683	1.1318	4.6089	39.642

#1	.22496	5.421	.22334	3.4412	-2.0145
#2	.21997	5.435	.21861	3.5081	-2.6700
#3	.21919	5.450	.22241	3.7535	-1.1369

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3472.2	47181.	4419.9	107.54	4010.3
Stddev	3.8	215.	28.3	2.23	4.2
%RSD	.10873	.45504	.64017	2.0711	.10510

#1	3468.3	47390.	4392.8	105.49	4006.5
#2	3472.6	47193.	4449.3	109.91	4014.8
#3	3475.8	46961.	4417.7	107.23	4009.4

Sample Name: CCV07 Acquired: 12/28/2018 18:39:28 Type: Unk
Method: P4-ICP2(v2688) 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	4.9787	4.7373	4.7974	4.8485	4.9457	9.8993	9.7028	.24313
Stddev	.0080	.0196	.0183	.0071	.0023	.0820	.0314	.00115
%RSD	.15990	.41344	.38091	.14584	.04648	.82838	.32390	.47319
#1	4.9706	4.7147	4.7764	4.8418	4.9444	9.9386	9.7391	.24298
#2	4.9789	4.7474	4.8098	4.8559	4.9484	9.9543	9.6836	.24435
#3	4.9865	4.7498	4.8061	4.8477	4.9444	9.8051	9.6858	.24207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3510	26.087	1.0081	2.3603	1.2268	4.6225	2.4763	24.441
Stddev	.0068	.089	.0023	.0078	.0008	.0757	.0058	.067
%RSD	.28780	.34029	.23080	.33212	.06706	1.6375	.23513	.27583
#1	2.3433	26.030	1.0054	2.3518	1.2263	4.6694	2.4751	24.363
#2	2.3556	26.189	1.0098	2.3617	1.2263	4.6628	2.4826	24.474
#3	2.3542	26.042	1.0090	2.3673	1.2277	4.5351	2.4712	24.486
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3286	1.2779	23.351	2.3421	2.4264	24.169	4.9956	4.8975
Stddev	.0105	.0018	.029	.0065	.0339	.068	.0066	.0087
%RSD	.44982	.13876	.12381	.27823	1.3980	.27929	.13165	.17797
#1	2.3166	1.2760	23.384	2.3396	2.4428	24.246	4.9880	4.8900
#2	2.3362	1.2795	23.340	2.3495	2.4490	24.135	4.9986	4.8956
#3	2.3328	1.2784	23.330	2.3373	2.3874	24.124	5.0001	4.9071
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5698	4.9766	4.7764	4.8221	4.9074	4.749	5.1560	F 4.2171
Stddev	.0231	.0273	.0118	.0097	.0073	.027	.0021	.0064
%RSD	.50597	.54817	.24778	.20208	.14870	.5777	.03991	.15120
#1	4.5454	4.9678	4.7629	4.8323	4.9157	4.718	5.1550	4.2226
#2	4.5914	4.9549	4.7846	4.8210	4.9045	4.767	5.1546	4.2187
#3	4.5725	5.0072	4.7818	4.8129	4.9020	4.763	5.1583	4.2101

Sample Name: CCV07 Acquired: 12/28/2018 18:39:28 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3884
Stddev	.2524
%RSD	10.568

#1	2.5325
#2	2.5358
#3	2.0970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.5	45268.	4362.6	101.85	3638.1
Stddev	5.3	160.	8.1	1.36	11.3
%RSD	.15481	.35263	.18592	1.3366	.30939

#1	3394.4	45287.	4369.0	101.10	3649.7
#2	3398.3	45100.	4365.4	101.02	3637.4
#3	3387.9	45417.	4353.5	103.42	3627.3

Sample Name: CCB07 Acquired: 12/28/2018 18:43:07 Type: Unk
Method: P4-ICP2(v2688) 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	.00171	-.00015	.00180	-.00066	-.00120	.00344	.00001
Stddev	.00191	.00049	.00065	.00266	.00047	.00543	.00085	.00003
%RSD	1226.6	28.879	447.41	148.03	72.405	454.00	24.571	199.12
#1	-.00136	.00198	.00059	-.00125	-.00019	-.00353	.00430	.00004
#2	-.00116	.00201	-.00064	.00362	-.00114	.00501	.00261	.00002
#3	.00205	.00114	-.00039	.00302	-.00064	-.00506	.00341	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01338	-.00038	.00011	-.00043	.01174	.00015	.02348
Stddev	.00005	.01177	.00022	.00003	.00048	.00863	.00005	.01209
%RSD	171.22	87.926	56.397	29.567	113.10	73.552	34.844	51.472
#1	.00004	.01904	-.00034	.00009	.00003	.01437	.00012	.02623
#2	-.00002	-.00014	-.00019	.00010	-.00038	.00209	.00011	.01026
#3	.00008	.02124	-.00062	.00015	-.00093	.01874	.00020	.03395
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00076	.06800	.00005	-.00017	.05729	.00026	.00254
Stddev	.00047	.00028	.01355	.00008	.00002	.03324	.00013	.01178
%RSD	89.466	36.677	19.932	180.43	12.184	58.009	49.813	464.50
#1	.00106	-.00106	.05726	.00003	-.00016	.02859	.00036	-.00946
#2	.00024	-.00051	.06350	.00014	-.00015	.04959	.00011	.00298
#3	.00026	-.00070	.08323	-.00003	-.00019	.09371	.00032	.01408
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00262	.00026	.00474	.00176	-.0020	-.00009	F 3.3443
Stddev	.00139	.00118	.00016	.00105	.00187	.0008	.00003	.0169
%RSD	392.63	44.814	60.046	22.058	106.06	41.12	29.953	.50476
#1	.00125	.00218	.00029	.00595	.00342	-.0013	-.00007	3.3329
#2	-.00103	.00396	.00041	.00416	.00213	-.0029	-.00012	3.3363
#3	-.00128	.00173	.00009	.00412	-.00026	-.0018	-.00008	3.3637

Sample Name: CCB07 Acquired: 12/28/2018 18:43:07 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .18027
Stddev .67162
%RSD 372.56

#1 .31616
#2 -.54890
#3 .77355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3555.1	47693.	4401.5	106.24	4115.4
Stddev	9.1	27.	7.9	1.32	6.8
%RSD	.25734	.05604	.17884	1.2391	.16614

#1	3548.2	47706.	4392.5	106.67	4118.9
#2	3565.4	47662.	4407.0	107.28	4119.8
#3	3551.6	47711.	4405.1	104.76	4107.5

Sample Name: J6551-01MSD Acquired: 12/28/2018 18:47:16 Type: Unk
Method: P4-ICP2(v2688) 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	.84437	2.0652	1.0225	2.0881	.85957	2.1591	.22515
Stddev	.00410	.0029	.0015	.0027	.00145	.0186	.00049
%RSD	.48536	.13829	.15160	.13170	.16817	.86100	.21666

#1	.84120	2.0637	1.0243	2.0881	.85858	2.1378	.22548
#2	.84292	2.0634	1.0219	2.0908	.85890	2.1674	.22459
#3	.84900	2.0685	1.0213	2.0853	.86123	2.1720	.22538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21070	.19680	1.6963	.45458	.20519	.40294	3.1930
Stddev	.00104	.00019	.0107	.00355	.00029	.00051	.0091
%RSD	.49546	.09881	.63392	.78169	.14222	.12728	.28387

#1	.21061	.19700	1.6847	.45319	.20536	.40353	3.1865
#2	.20970	.19679	1.7060	.45193	.20485	.40259	3.1891
#3	.21178	.19661	1.6982	.45862	.20535	.40270	3.2034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24028	2.2985	.58046	.08005	3.4388	.31414	.34234
Stddev	.00102	.0197	.00112	.00064	.0069	.00124	.00167
%RSD	.42353	.85884	.19249	.79625	.19930	.39382	.48914

#1	.23991	2.2928	.58005	.07965	3.4441	.31300	.34145
#2	.23950	2.2822	.57961	.07971	3.4311	.31396	.34427
#3	.24143	2.3204	.58172	.08078	3.4414	.31545	.34129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.098	.44160	.31608	.03171	1.0071	.68141	.20717
Stddev	.037	.00090	.00389	.00173	.0056	.00205	.00099
%RSD	.33722	.20476	1.2303	5.4412	.55862	.30134	.47845

#1	11.106	.44258	.31167	.03175	1.0082	.68358	.20798
#2	11.131	.44080	.31902	.03341	1.0010	.68115	.20606
#3	11.058	.44141	.31754	.02996	1.0120	.67950	.20745

Sample Name: J6551-01MSD Acquired: 12/28/2018 18:47:16 Type: Unk
Method: P4-ICP2(v2688) 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	.22019	5.432	.21917	3.4238	F<.00000
Stddev	.00113	.009	.00056	.1046	.20557
%RSD	.51370	.1591	.25416	3.0551	10.501

#1	.22029	5.440	.21957	3.3654	-2.0497
#2	.21900	5.423	.21853	3.3615	-2.1011
#3	.22126	5.431	.21940	3.5446	-1.7222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3519.1	47696.	4455.2	108.27	4045.7
Stddev	4.0	199.	21.1	.09	4.8
%RSD	.11440	.41738	.47370	.07987	.11947

#1	3515.9	47705.	4438.3	108.22	4041.4
#2	3523.6	47890.	4478.8	108.37	4050.9
#3	3517.8	47492.	4448.5	108.22	4044.8

Sample Name: J6551-01A Acquired: 12/28/2018 18:51:02 Type: Unk
Method: P4-ICP2(v2688) 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	.84588	2.0728	1.0233	2.0876	.86056	2.1699	.22587
Stddev	.00313	.0094	.0029	.0053	.00367	.0108	.00023
%RSD	.36989	.45525	.28790	.25238	.42621	.49954	.10068

#1	.84345	2.0662	1.0199	2.0816	.85664	2.1813	.22569
#2	.84941	2.0836	1.0250	2.0912	.86115	2.1597	.22613
#3	.84478	2.0685	1.0251	2.0901	.86390	2.1689	.22580

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21103	.19675	1.7118	.45562	.20509	.40379	3.2203
Stddev	.00034	.00057	.0141	.00192	.00103	.00152	.0277
%RSD	.15964	.29098	.82149	.42238	.50300	.37729	.86010

#1	.21099	.19627	1.7227	.45564	.20430	.40214	3.2086
#2	.21138	.19738	1.6959	.45369	.20626	.40515	3.2004
#3	.21071	.19660	1.7168	.45753	.20470	.40409	3.2520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24017	2.3028	.58006	.08075	3.4645	.31462	.34855
Stddev	.00025	.0356	.00257	.00035	.0117	.00044	.00512
%RSD	.10593	1.5460	.44323	.43926	.33720	.13976	1.4703

#1	.24009	2.3437	.57761	.08098	3.4630	.31449	.34324
#2	.24045	2.2859	.58274	.08034	3.4769	.31511	.34894
#3	.23996	2.2787	.57985	.08093	3.4537	.31426	.35346

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.119	.44164	.31184	.03341	1.0288	.68282	.21074
Stddev	.015	.00154	.00641	.00073	.0094	.00190	.00243
%RSD	.13881	.34943	2.0557	2.1813	.90965	.27798	1.1533

#1	11.136	.43998	.31534	.03270	1.0207	.68121	.21021
#2	11.106	.44303	.31573	.03415	1.0390	.68491	.21339
#3	11.114	.44190	.30444	.03338	1.0267	.68233	.20862

Sample Name: J6551-01A Acquired: 12/28/2018 18:51:02 Type: Unk
Method: P4-ICP2(v2688) 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	.22131	5.441	.22106	3.4735	F<.00000
Stddev	.00068	.019	.00024	.1044	.40380
%RSD	.30616	.3562	.11007	3.0062	20.997
#1	.22136	5.423	.22105	3.4931	-1.5486
#2	.22196	5.462	.22131	3.3606	-1.8700
#3	.22060	5.438	.22082	3.5667	-2.3509
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.8	47396.	4411.0	106.69	4039.5
Stddev	8.2	115.	13.1	1.07	12.3
%RSD	.23336	.24367	.29612	1.0003	.30408
#1	3519.6	47425.	4423.8	107.56	4042.2
#2	3505.4	47494.	4397.7	107.02	4026.1
#3	3519.6	47269.	4411.6	105.50	4050.3

Sample Name: J6553-01 Acquired: 12/28/2018 18:54:48 Type: Unk
Method: P4-ICP2(v2688) 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	.07355	-.00167	15.203	.02661	.05436	66.266	.67097
Stddev	.00185	.00046	.001	.00233	.00063	.200	.00597
%RSD	2.5095	27.854	.00946	8.7512	1.1548	.30205	.88949

#1	.07259	-.00215	15.202	.02655	.05368	66.203	.67762
#2	.07568	-.00161	15.204	.02897	.05450	66.105	.66919
#3	.07238	-.00123	15.203	.02431	.05491	66.490	.66609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	.00622	19.251	.24188	.02924	.35798	116.36
Stddev	.00003	.00024	.074	.00190	.00012	.00065	1.85
%RSD	.67086	3.8285	.38444	.78396	.41260	.18046	1.5898

#1	.00432	.00618	19.323	.24307	.02921	.35725	117.32
#2	.00428	.00600	19.256	.23969	.02937	.35849	117.53
#3	.00434	.00648	19.175	.24287	.02914	.35819	114.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5444	12.894	.10418	-.00284	.22471	.25756	1.0359
Stddev	.0023	.017	.00028	.00009	.00135	.00143	.0168
%RSD	.14687	.13096	.26851	3.0675	.59885	.55639	1.6212

#1	1.5427	12.906	.10438	-.00280	.22342	.25829	1.0446
#2	1.5434	12.875	.10429	-.00277	.22611	.25591	1.0465
#3	1.5469	12.901	.10386	-.00293	.22459	.25848	1.0165

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8384	.00791	.10596	2.0530	2.2684	.34432	.62323
Stddev	.0490	.00020	.00159	.0141	.0210	.00045	.00416
%RSD	.71664	2.4794	1.5044	.68637	.92466	.13003	.66687

#1	6.8233	.00803	.10445	2.0478	2.2909	.34390	.61933
#2	6.7987	.00768	.10763	2.0689	2.2493	.34427	.62276
#3	6.8932	.00802	.10580	2.0422	2.2651	.34479	.62760

Sample Name: J6553-01 Acquired: 12/28/2018 18:54:48 Type: Unk
 Method: P4-ICP2(v2688) 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	.05848	8.042	-.04730	2.5078	F<.00000
Stddev	.00150	.020	.00227	.0889	.91422
%RSD	2.5708	.2509	4.7967	3.5441	4.5408
#1	.05999	8.047	-.04847	2.4108	-19.195
#2	.05699	8.058	-.04874	2.5853	-21.021
#3	.05846	8.019	-.04468	2.5273	-20.184
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.6	49886.	4845.1	106.40	3828.1
Stddev	5.1	80.	38.6	1.90	10.3
%RSD	.13650	.15944	.79600	1.7820	.26777
#1	3730.9	49932.	4813.3	105.25	3817.3
#2	3738.3	49932.	4834.0	105.36	3829.3
#3	3740.6	49794.	4888.0	108.59	3837.7

Sample Name: J6553-01DUP Acquired: 12/28/2018 18:58:39 Type: Unk
Method: P4-ICP2(v2688) 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	.07391	-.00162	15.058	.02693	.05279	65.386	.66779
Stddev	.00091	.00050	.034	.00323	.00097	.190	.00395
%RSD	1.2343	30.791	.22877	11.991	1.8284	.29072	.59219

#1	.07496	-.00106	15.087	.02959	.05385	65.428	.67235
#2	.07337	-.00201	15.068	.02788	.05255	65.178	.66527
#3	.07339	-.00178	15.020	.02334	.05197	65.551	.66575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00425	.00633	18.511	.24129	.02892	.35796	115.82
Stddev	.00004	.00036	.027	.00130	.00006	.00136	2.94
%RSD	.83576	5.6623	.14485	.53863	.20700	.38005	2.5424

#1	.00423	.00597	18.485	.24002	.02887	.35651	118.58
#2	.00429	.00669	18.539	.24123	.02891	.35815	112.72
#3	.00423	.00631	18.508	.24262	.02899	.35922	116.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5402	12.486	.10195	-.00270	.22517	.25894	1.0231
Stddev	.0009	.027	.00072	.00052	.00330	.00147	.0227
%RSD	.05637	.21757	.70936	19.159	1.4658	.56704	2.2164

#1	1.5392	12.458	.10125	-.00225	.22428	.25815	1.0441
#2	1.5406	12.512	.10191	-.00326	.22883	.25804	.99902
#3	1.5408	12.488	.10270	-.00258	.22241	.26064	1.0261

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7716	.00764	.09729	2.0110	2.3184	.27827	.62591
Stddev	.0294	.00026	.00588	.0057	.0066	.00083	.00269
%RSD	.43432	3.3585	6.0448	.28434	.28410	.29721	.42914

#1	6.7631	.00779	.10376	2.0136	2.3256	.27922	.62439
#2	6.8043	.00778	.09583	2.0045	2.3171	.27788	.62901
#3	6.7474	.00734	.09227	2.0150	2.3126	.27771	.62432

Sample Name: J6553-01DUP Acquired: 12/28/2018 18:58:39 Type: Unk
 Method: P4-ICP2(v2688) 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	.05657	8.049	-.04680	2.2442	F<.00000
Stddev	.00122	.020	.00359	.0714	.42197
%RSD	2.1482	.2458	7.6726	3.1815	2.1435

#1	.05776	8.069	-.05043	2.2466	-19.917
#2	.05533	8.049	-.04325	2.3144	-19.941
#3	.05663	8.029	-.04672	2.1716	-19.199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.8	50146.	4877.6	106.97	3840.0
Stddev	18.6	36.	11.0	2.58	17.8
%RSD	.49566	.07244	.22499	2.4116	.46373

#1	3721.5	50172.	4868.6	104.44	3820.7
#2	3755.0	50105.	4874.3	109.60	3843.8
#3	3751.9	50162.	4889.8	106.87	3855.7

Sample Name: J6553-01LX5 Acquired: 12/28/2018 19:02:32 Type: Unk
Method: P4-ICP2(v2688) 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	.01459	.00087	3.1351	.00607	.01031	13.945	.14985	.00091
Stddev	.00116	.00041	.0092	.00126	.00063	.101	.00669	.00002
%RSD	7.9653	46.754	.29493	20.686	6.1159	.72114	4.4642	2.6202

#1	.01522	.00128	3.1456	.00471	.01077	14.020	.15758	.00094
#2	.01325	.00047	3.1314	.00719	.01056	13.831	.14592	.00092
#3	.01531	.00085	3.1283	.00631	.00959	13.984	.14606	.00089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	4.2543	.05193	.00578	.08076	24.616	.33986	2.8840
Stddev	.00005	.1419	.00019	.00018	.00062	.811	.00113	.1285
%RSD	4.1339	3.3352	.36335	3.1567	.76834	3.2939	.33367	4.4537

#1	.00108	4.4145	.05200	.00580	.08065	25.550	.33992	3.0323
#2	.00116	4.1446	.05208	.00595	.08142	24.207	.33869	2.8102
#3	.00116	4.2037	.05172	.00559	.08020	24.090	.34096	2.8095

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02132	-.00125	.08965	.05505	.22361	1.5217	.00143	.01941
Stddev	.00042	.00025	.00296	.00019	.00622	.0513	.00021	.00161
%RSD	1.9638	19.776	3.3020	.34719	2.7803	3.3684	14.329	8.2861

#1	.02107	-.00101	.09306	.05514	.23076	1.5802	.00126	.01966
#2	.02108	-.00123	.08783	.05484	.22059	1.4845	.00138	.02089
#3	.02180	-.00150	.08805	.05519	.21947	1.5004	.00166	.01770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40794	.52804	.06796	.13916	.01316	1.628	-.00968	3.0552
Stddev	.00334	.01376	.00072	.00529	.00023	.009	.00040	.0257
%RSD	.81947	2.6052	1.0624	3.7990	1.7306	.5280	4.1017	.84001

#1	.40930	.54392	.06860	.14502	.01294	1.637	-.01012	3.0543
#2	.41039	.51988	.06811	.13771	.01314	1.622	-.00956	3.0300
#3	.40413	.52032	.06718	.13475	.01340	1.623	-.00936	3.0813

Sample Name: J6553-01LX5 Acquired: 12/28/2018 19:02:32 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2439
Stddev	.1688
%RSD	3.2196

#1	5.0575
#2	5.2876
#3	5.3865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.4	48448.	4511.8	105.88	4070.3
Stddev	22.7	117.	131.1	2.89	19.0
%RSD	.62030	.24176	2.9057	2.7297	.46691

#1	3627.3	48446.	4360.5	102.57	4048.4
#2	3665.8	48566.	4583.2	107.15	4079.7
#3	3667.2	48331.	4591.6	107.91	4082.7

Sample Name: J6553-02 Acquired: 12/28/2018 19:06:31 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00770	k 1.8832	k 16.139	k .02069	k -.00236	sF 3628000.
Stddev	.00004	.0066	.039	.00006	.00001	15254.
%RSD	.51302	.35239	.24395	.30327	.51571	.42045

#1	k .00774	k 1.8901	k 16.184	k .02076	k -.00235	s 3610500.
#2	k .00768	k 1.8769	k 16.118	k .02064	k -.00238	s 3638300.
#3	k .00767	k 1.8827	k 16.114	k .02066	k -.00236	s 3635300.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01057	sF 9335.0	k .20955	k .16218	sF 33894.	k .23313
Stddev	.00001	11.4	.00066	.00099	74.	.00102
%RSD	.07129	.12164	.31445	.60893	.21899	.43823

#1	-.01057	s 9323.2	k .21028	k .16147	s 33855.	k .23429
#2	-.01058	s 9345.9	k .20901	k .16175	s 33980.	k .23274
#3	-.01056	s 9335.9	k .20934	k .16330	s 33848.	k .23236

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00753	k 130.52	sF 181910.	.14071	k .59712	sF 1404.2
Stddev	.00004	.80	278.	.00041	.00110	29.6
%RSD	.54529	.61256	.15257	.29373	.18457	2.1062

#1	k .00758	k 130.91	s 181620.	.14029	k .59780	s 1388.3
#2	k .00749	k 131.04	s 182180.	.14072	k .59584	s 1438.3
#3	k .00754	k 129.60	s 181920.	.14112	k .59771	s 1385.9

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10574	sF 27920.	k 1.3249	.43079	.00013	k -.00267
Stddev	.00002	41.	.0072	.00028	.00000	.00003
%RSD	.01777	.14670	.54270	.06603	1.0261	1.2337

#1	-.10573	s 27898.	k 1.3315	.43047	.00013	k -.00270
#2	-.10576	s 27967.	k 1.3258	.43094	.00013	k -.00265
#3	-.10573	s 27895.	k 1.3172	.43098	.00013	k -.00264

Sample Name: J6553-02 Acquired: 12/28/2018 19:06:31 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.1216	k -.00672	k .09202	k .01478	-.01088	kF 11.59
Stddev	.0021	.00016	.00015	.00018	.00001	.03
%RSD	.09965	2.3181	.16637	1.2486	.08978	.2963

#1	k 2.1217	k -.00665	k .09206	k .01457	-.01089	k 11.63
#2	k 2.1194	k -.00690	k .09185	k .01488	-.01087	k 11.57
#3	k 2.1237	k -.00661	k .09215	k .01490	-.01088	k 11.57

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00269	<.00000	F<.00000
Stddev	.00001	3.8536	1.4231
%RSD	.25543	.41232	1.7006

#1	k .00269	-931.26	-82.046
#2	k .00270	-938.82	-84.379
#3	k .00270	-933.73	-84.624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	366470.	^ *****	517080.	104.16	3715.7
Stddev	1758.	-----	1503.	.58	12.8
%RSD	.47967	-----	.29060	.55914	.34438

#1	364440.	^ -----	515590.	103.59	3701.1
#2	367570.	^ -----	518600.	104.13	3721.0
#3	367400.	^ -----	517040.	104.75	3724.9

Sample Name: J6553-03 Acquired: 12/28/2018 19:10:47 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00772	k 1.8841	k 16.079	k .02072	k -.00235	sF 3602800.
Stddev	.00002	.0027	.086	.00010	.00002	8664.
%RSD	.23078	.14617	.53761	.49647	.74579	.24048

#1	k .00774	k 1.8872	k 16.141	k .02082	k -.00236	s 3594400.
#2	k .00771	k 1.8818	k 16.116	k .02061	k -.00236	s 3611700.
#3	k .00771	k 1.8833	k 15.980	k .02074	k -.00233	s 3602200.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01071	sF 9361.6	k .20913	k .15891	sF 33934.	k .23258
Stddev	.00006	5.3	.00147	.00133	89.	.00145
%RSD	.57178	.05693	.70370	.83961	.26260	.62355

#1	-.01067	s 9360.6	k .21071	k .15873	s 33890.	k .23421
#2	-.01069	s 9367.3	k .20886	k .16032	s 34037.	k .23209
#3	-.01078	s 9356.8	k .20781	k .15767	s 33876.	k .23143

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00756	k 130.61	sF 182200.	.13905	k .59711	sF 1348.1
Stddev	.00003	.66	583.	.00082	.00270	33.5
%RSD	.35042	.50413	.31985	.58711	.45256	2.4820

#1	k .00759	k 130.74	s 181620.	.13968	k .60023	s 1366.6
#2	k .00754	k 131.20	s 182780.	.13936	k .59548	s 1309.5
#3	k .00754	k 129.90	s 182200.	.13813	k .59562	s 1368.3

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10598	sF 28106.	k 1.3324	.42779	.00013	k -.00268
Stddev	.00025	114.	.0101	.00073	.00000	.00008
%RSD	.23568	.40707	.75493	.17121	2.3973	3.0568

#1	-.10570	s 28040.	k 1.3366	.42835	.00013	k -.00264
#2	-.10605	s 28238.	k 1.3397	.42807	.00013	k -.00277
#3	-.10618	s 28040.	k 1.3209	.42696	.00013	k -.00262

Sample Name: J6553-03 Acquired: 12/28/2018 19:10:47 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.1181	k -.00711	k .09169	k .01426	-.01092	kF 11.56
Stddev	.0095	.00012	.00061	.00023	.00002	.04
%RSD	.44711	1.6997	.66418	1.6021	.19605	.3599

#1	k 2.1285	k -.00722	k .09222	k .01451	-.01092	k 11.61
#2	k 2.1099	k -.00698	k .09102	k .01422	-.01090	k 11.56
#3	k 2.1159	k -.00714	k .09184	k .01406	-.01094	k 11.52

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00265	<.00000	F<.00000
Stddev	.00002	5.8698	.91406
%RSD	.67030	.62454	1.0926

#1	k .00267	-933.38	-84.245
#2	k .00266	-941.39	-82.609
#3	k .00263	-944.81	-84.133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	366480.	^ *****	521770.	103.63	3732.8
Stddev	959.	-----	3553.	.67	17.4
%RSD	.26156	-----	.68088	.65106	.46546

#1	365470.	^ -----	519680.	103.31	3718.0
#2	366590.	^ -----	519760.	103.18	3728.3
#3	367370.	^ -----	525880.	104.41	3751.9

Sample Name: J6553-01A Acquired: 12/28/2018 19:15:03 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00766	k 1.8623	k 15.914	k .02070	k -.00236	sF 2417600.
Stddev	.00003	.0046	.026	.00006	.00000	2093700.
%RSD	.38506	.24717	.16066	.31049	.15614	86.603

#1	k .00763	k 1.8577	k 15.884	k .02067	k -.00237	s 4.
#2	k .00768	k 1.8624	k 15.926	k .02066	k -.00236	s 3616600.
#3	k .00768	k 1.8669	k 15.931	k .02078	k -.00237	s 3636300.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01061	sF 6241.1	k .20697	k .16121	sF 22575.	k .22983
Stddev	.00003	5405.0	.00084	.00055	19551.	.00106
%RSD	.27873	86.604	.40480	.34232	86.603	.46142

#1	-.01058	s .012	k .20601	k .16177	s .04	k .22876
#2	-.01062	s 9329.8	k .20757	k .16119	s 33817.	k .23088
#3	-.01063	s 9393.4	k .20732	k .16067	s 33909.	k .22985

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00752	k 129.43	sF 121600.	.13937	k .59049	sF 865.88
Stddev	.00005	1.83	105310.	.00104	.00209	750.17
%RSD	.60373	1.4152	86.603	.74854	.35459	86.636

#1	k .00747	k 127.51	s .2	.14048	k .58839	s -.0000
#2	k .00753	k 131.16	s 181920.	.13841	k .59050	s 1319.7
#3	k .00755	k 129.62	s 182870.	.13923	k .59258	s 1278.0

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10584	sF 18740.	k 1.3120	.42989	.00013	k -.00269
Stddev	.00022	16229.	.0129	.00054	.00000	.00007
%RSD	.20743	86.603	.98080	.12656	1.7629	2.6683

#1	-.10558	s .04	k 1.3035	.43044	.00013	k -.00266
#2	-.10596	s 28048.	k 1.3268	.42935	.00012	k -.00277
#3	-.10597	s 28171.	k 1.3057	.42988	.00013	k -.00263

Sample Name: J6553-01A Acquired: 12/28/2018 19:15:03 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.0948	k -.00684	k .09049	k .01465	-.01089	kF 11.45
Stddev	.0025	.00022	.00012	.00016	.00001	.01
%RSD	.12090	3.2833	.13354	1.0583	.04777	.1272

#1	k 2.0919	k -.00662	k .09040	k .01450	-.01088	k 11.44
#2	k 2.0969	k -.00684	k .09044	k .01466	-.01088	k 11.47
#3	k 2.0955	k -.00707	k .09063	k .01481	-.01089	k 11.45

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00268	<.00000	F<.00000
Stddev	.00000	6.7301	1.7120
%RSD	.11391	.71846	2.0391

#1	k .00268	-937.01	-85.922
#2	k .00268	-929.87	-82.765
#3	k .00268	-943.32	-83.196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	366730.	^ *****	518580.	105.06	3761.1
Stddev	1229.	-----	4348.	1.11	9.1
%RSD	.33510	-----	.83850	1.0582	.24160

#1	368140.	^ -----	513890.	105.94	3770.7
#2	366120.	^ -----	519350.	103.81	3752.7
#3	365920.	^ -----	522490.	105.42	3760.0

Sample Name: J6553-04 Acquired: 12/28/2018 19:19:18 Type: Unk
Method: P4-ICP2(v2688) 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	.04390	-.00174	4.5981	.02125	.01858	48.043	.66999
Stddev	.00129	.00032	.0016	.00300	.00132	.123	.00789
%RSD	2.9385	18.272	.03420	14.121	7.1096	.25537	1.1774

#1	.04267	-.00150	4.5991	.02386	.02010	47.929	.67607
#2	.04524	-.00210	4.5963	.02193	.01794	48.026	.66108
#3	.04378	-.00163	4.5989	.01797	.01770	48.173	.67283

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	.00393	87.321	.16215	.02336	.40308	82.698
Stddev	.00010	.00009	.956	.00116	.00023	.00198	1.027
%RSD	2.8368	2.1714	1.0943	.71343	.98280	.49065	1.2414

#1	.00329	.00390	87.907	.16159	.02322	.40351	83.809
#2	.00348	.00402	86.219	.16138	.02324	.40482	81.785
#3	.00337	.00386	87.838	.16348	.02363	.40093	82.501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8840	15.925	.08000	-.00199	.31837	.15136	1.4358
Stddev	.0029	.128	.00042	.00007	.00711	.00123	.0189
%RSD	.15528	.80277	.52708	3.4486	2.2342	.81194	1.3189

#1	1.8850	15.900	.07992	-.00192	.32657	.15048	1.4577
#2	1.8864	15.811	.08045	-.00201	.31458	.15084	1.4238
#3	1.8808	16.063	.07962	-.00205	.31395	.15277	1.4261

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0913	.00569	.07673	3.3996	2.1187	.04451	.62710
Stddev	.0231	.00004	.00460	.0089	.0300	.00070	.00161
%RSD	.56544	.71757	5.9985	.26256	1.4144	1.5813	.25695

#1	4.0652	.00566	.07765	3.4095	2.1369	.04453	.62567
#2	4.0992	.00573	.08081	3.3972	2.0841	.04521	.62679
#3	4.1094	.00567	.07174	3.3922	2.1351	.04380	.62885

Sample Name: J6553-04 Acquired: 12/28/2018 19:19:18 Type: Unk
 Method: P4-ICP2(v2688) 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	.04673	6.536	.13329	2.6897	F<.00000
Stddev	.00094	.008	.00165	.1165	.18258
%RSD	2.0197	.1253	1.2362	4.3330	3.0224
#1	.04691	6.533	.13329	2.7027	-6.2461
#2	.04757	6.546	.13165	2.7991	-5.8961
#3	.04571	6.531	.13495	2.5671	-5.9808
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.2	49137.	4805.5	106.44	3788.6
Stddev	7.4	98.	49.7	1.48	2.3
%RSD	.20412	.19879	1.0347	1.3890	.05940
#1	3639.1	49062.	4759.9	104.74	3786.3
#2	3645.5	49102.	4858.5	107.35	3788.7
#3	3654.0	49248.	4798.0	107.24	3790.8

Sample Name: J6553-05 Acquired: 12/28/2018 19:23:12 Type: Unk
 Method: P4-ICP2(v2688) 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	.05617	-.00095	1.7331	.02010	.02040	56.441	.49381
Stddev	.00259	.00077	.0100	.00253	.00091	1.076	.00457
%RSD	4.6128	80.837	.57400	12.571	4.4675	1.9072	.92527

#1	.05412	-.00011	1.7391	.01816	.01967	57.409	.49273
#2	.05908	-.00163	1.7386	.02296	.02012	55.282	.48987
#3	.05531	-.00112	1.7216	.01918	.02142	56.633	.49882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00472	.00034	20.215	.12244	.02501	.15832	88.485
Stddev	.00017	.00012	.178	.00336	.00010	.00056	.231
%RSD	3.5261	34.620	.88122	2.7480	.41963	.35559	.26099

#1	.00490	.00042	20.135	.12608	.02513	.15885	88.323
#2	.00468	.00039	20.091	.11944	.02496	.15840	88.381
#3	.00457	.00020	20.419	.12181	.02493	.15773	88.749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5363	11.332	.07574	-.00398	.18933	.22654	.52506
Stddev	.0519	.055	.00059	.00092	.00105	.00718	.00188
%RSD	2.0467	.48395	.77806	23.070	.55291	3.1714	.35870

#1	2.5907	11.299	.07637	-.00500	.18962	.23454	.52289
#2	2.4873	11.302	.07567	-.00323	.19020	.22064	.52628
#3	2.5308	11.396	.07519	-.00370	.18817	.22443	.52601

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2513	.00631	.07278	2.5458	2.4316	.02872	.53916
Stddev	.0441	.00024	.00241	.0145	.0066	.00037	.00231
%RSD	1.0363	3.7287	3.3097	.56924	.27167	1.3031	.42787

#1	4.2115	.00647	.07321	2.5483	2.4248	.02911	.53651
#2	4.2439	.00642	.07018	2.5589	2.4321	.02869	.54024
#3	4.2987	.00604	.07494	2.5302	2.4380	.02836	.54073

Sample Name: J6553-05 Acquired: 12/28/2018 19:23:12 Type: Unk
 Method: P4-ICP2(v2688) 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	.04995	7.911	-.01600	2.4300	F<.00000
Stddev	.00105	.049	.00057	.2063	.16254
%RSD	2.1033	.6148	3.5576	8.4900	1.6476
#1	.04986	7.942	-.01666	2.5030	-9.8712
#2	.05105	7.937	-.01567	2.1971	-10.025
#3	.04895	7.855	-.01567	2.5899	-9.7000
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.2	49634.	4815.6	109.74	3892.0
Stddev	9.8	929.	36.0	.25	23.3
%RSD	.26272	1.8722	.74822	.22664	.59917
#1	3702.5	48682.	4826.6	109.99	3878.8
#2	3712.0	50539.	4844.9	109.50	3878.4
#3	3722.0	49681.	4775.4	109.73	3919.0

Sample Name: CCV08 Acquired: 12/28/2018 19:27:07 Type: Unk
Method: P4-ICP2(v2688) 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	4.9075	4.7702	4.7757	4.8509	4.8949	9.8115	9.6715	.23992
Stddev	.0204	.0266	.0199	.0297	.0275	.1124	.0218	.00314
%RSD	.41471	.55728	.41730	.61202	.56245	1.1458	.22517	1.3107
#1	4.9286	4.7927	4.7979	4.8826	4.9257	9.8727	9.6927	.24160
#2	4.8880	4.7409	4.7592	4.8238	4.8727	9.6817	9.6727	.23629
#3	4.9059	4.7771	4.7701	4.8462	4.8862	9.8800	9.6492	.24186
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3508	25.676	.99267	2.3523	1.2236	4.7006	2.4359	24.320
Stddev	.0080	.147	.01601	.0082	.0074	.0901	.0360	.128
%RSD	.34132	.57135	1.6132	.34814	.60426	1.9158	1.4789	.52597
#1	2.3594	25.663	.99848	2.3615	1.2291	4.5974	2.4560	24.246
#2	2.3435	25.828	.97456	2.3457	1.2152	4.7632	2.3943	24.468
#3	2.3494	25.536	1.0050	2.3498	1.2265	4.7412	2.4575	24.246
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3445	1.2499	23.553	2.3487	2.3946	24.010	4.9157	4.9044
Stddev	.0080	.0165	.027	.0337	.0325	.036	.0244	.0273
%RSD	.34278	1.3205	.11645	1.4359	1.3578	.15186	.49568	.55589
#1	2.3538	1.2557	23.548	2.3667	2.3587	24.052	4.9406	4.8745
#2	2.3401	1.2312	23.583	2.3098	2.4220	23.990	4.8919	4.9280
#3	2.3396	1.2627	23.530	2.3697	2.4032	23.987	4.9145	4.9105
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6493	4.8834	4.7492	4.8314	4.8849	4.782	5.0787	F 3.6712
Stddev	.0266	.0195	.0147	.0031	.0135	.022	.0177	.1993
%RSD	.57262	.39984	.30870	.06369	.27538	.4628	.34930	5.4279
#1	4.6799	4.9035	4.7628	4.8288	4.8960	4.805	5.0916	3.7709
#2	4.6312	4.8822	4.7337	4.8348	4.8888	4.760	5.0860	3.4418
#3	4.6369	4.8645	4.7512	4.8305	4.8700	4.782	5.0584	3.8009

Sample Name: CCV08 Acquired: 12/28/2018 19:27:07 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5661
Stddev	.9947
%RSD	38.764

#1	3.1938
#2	1.4192
#3	3.0853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.9	46538.	4477.0	103.59	3679.1
Stddev	19.3	652.	25.2	1.32	16.0
%RSD	.55509	1.4005	.56249	1.2730	.43456

#1	3449.3	46121.	4452.1	105.07	3661.8
#2	3487.8	47289.	4476.4	102.54	3693.2
#3	3469.4	46204.	4502.5	103.15	3682.3

Sample Name: CCB08 Acquired: 12/28/2018 19:30:48 Type: Unk
Method: P4-ICP2(v2688) 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	-.00100	.00132	F .00345	.00309	-.00033	-.00534	.00293	-.00001
Stddev	.00131	.00009	.00032	.00123	.00086	.00433	.00068	.00000
%RSD	131.33	6.4711	9.1470	39.808	263.17	81.042	23.079	39.436
#1	-.00169	.00138	.00337	.00394	-.00038	-.01033	.00218	-.00001
#2	.00051	.00122	.00380	.00364	-.00117	-.00312	.00312	-.00001
#3	-.00182	.00136	.00318	.00168	.00056	-.00257	.00350	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00899	-.00014	.00016	.00001	.00854	.00025	.01367
Stddev	.00004	.00348	.00028	.00014	.00018	.00348	.00001	.02585
%RSD	71.592	38.745	205.85	85.172	2112.1	40.797	4.7153	189.06
#1	.00007	.00709	-.00046	.00026	-.00004	.00698	.00023	.01964
#2	.00001	.00686	.00001	.00021	.00021	.00611	.00026	.03601
#3	.00006	.01301	.00004	.00001	-.00014	.01253	.00025	-.01464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00041	.01313	-.00005	-.00012	.00903	-.00000	.00051
Stddev	.00007	.00033	.00618	.00023	.00003	.03582	.00010	.00577
%RSD	10.096	79.172	47.044	425.88	28.085	396.50	86096.	1122.4
#1	.00064	-.00078	.00604	.00005	-.00015	.05039	.00001	-.00204
#2	.00078	-.00031	.01599	.00011	-.00012	-.01250	-.00011	.00712
#3	.00073	-.00015	.01736	-.00031	-.00009	-.01079	.00010	-.00354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	.00186	-.00013	.00247	.00025	.0000	-.00003	F 2.8859
Stddev	.00109	.00171	.00058	.00072	.00116	.0019	.00003	.2070
%RSD	53.536	92.016	448.62	29.161	468.03	4142.	107.88	7.1726
#1	-.00241	.00168	.00053	.00329	-.00023	-.0018	-.00006	3.0848
#2	-.00286	.00364	-.00057	.00196	.00157	.0000	.00000	2.9011
#3	-.00080	.00024	-.00035	.00215	-.00060	.0019	-.00004	2.6717

Sample Name: CCB08 Acquired: 12/28/2018 19:30:48 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .07940
Stddev	.33367
%RSD	420.22

#1	.18090
#2	-.29322
#3	.35054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.8	48611.	4530.1	108.51	4168.2
Stddev	6.4	775.	54.6	2.55	17.0
%RSD	.17751	1.5948	1.2062	2.3479	.40896

#1	3608.4	47867.	4581.2	111.29	4155.9
#2	3619.0	48552.	4472.5	106.29	4161.1
#3	3620.1	49414.	4536.6	107.94	4187.7

Sample Name: J6553-06 Acquired: 12/28/2018 19:34:58 Type: Unk
Method: P4-ICP2(v2688) 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	.04785	-.00244	.10753	.01663	.00527	62.159	.36895
Stddev	.00142	.00059	.00096	.00309	.00146	.612	.00230
%RSD	2.9740	24.072	.89595	18.579	27.590	.98415	.62269

#1	.04928	-.00286	.10687	.01306	.00461	62.434	.37055
#2	.04782	-.00177	.10708	.01845	.00694	61.459	.36998
#3	.04643	-.00269	.10863	.01837	.00427	62.586	.36631

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	-.00183	1.6053	.08767	.02360	.03653	81.841
Stddev	.00005	.00006	.0302	.00066	.00009	.00026	.155
%RSD	1.0754	3.1363	1.8835	.74836	.36935	.70350	.18968

#1	.00433	-.00182	1.6108	.08798	.02370	.03624	81.814
#2	.00440	-.00178	1.6325	.08691	.02353	.03668	82.008
#3	.00431	-.00190	1.5727	.08811	.02358	.03669	81.701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3898	8.3943	.05794	-.00352	.07164	.11921	.22057
Stddev	.0113	.0286	.00012	.00045	.00750	.00095	.00115
%RSD	.81307	.34104	.20827	12.862	10.466	.79918	.52166

#1	1.3943	8.4267	.05803	-.00316	.07606	.11964	.22082
#2	1.3770	8.3836	.05799	-.00338	.07587	.11812	.22157
#3	1.3982	8.3725	.05780	-.00403	.06298	.11988	.21931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9693	.00308	.05793	.40562	5.0996	.00287	.43961
Stddev	.0335	.00041	.00379	.00060	.0231	.00045	.00279
%RSD	1.1281	13.368	6.5400	.14723	.45215	15.795	.63514

#1	2.9405	.00340	.05516	.40631	5.1154	.00309	.44241
#2	2.9613	.00262	.05637	.40523	5.1102	.00317	.43683
#3	3.0060	.00323	.06224	.40532	5.0732	.00235	.43960

Sample Name: J6553-06 Acquired: 12/28/2018 19:34:58 Type: Unk
Method: P4-ICP2(v2688) 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	.05379	6.112	-.06755	1.8571	F<.00000
Stddev	.00055	.011	.00013	.1778	.51182
%RSD	1.0254	.1732	.19857	9.5765	6.2055
#1	.05329	6.103	-.06753	2.0221	-7.6718
#2	.05439	6.124	-.06769	1.6687	-8.4219
#3	.05370	6.110	-.06742	1.8805	-8.6500
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.3	51816.	5004.1	110.08	3956.1
Stddev	2.2	427.	54.5	.77	2.6
%RSD	.05628	.82441	1.0897	.69552	.06635
#1	3825.5	51514.	4984.9	109.63	3954.9
#2	3821.8	52305.	4961.8	109.65	3954.3
#3	3825.6	51630.	5065.7	110.97	3959.1

Sample Name: J6553-07 Acquired: 12/28/2018 19:38:58 Type: Unk
 Method: P4-ICP2(v2688) 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	.07759	-.00082	.55601	.08644	.18797	64.332	.38570
Stddev	.00260	.00047	.00286	.00053	.00088	1.424	.00059
%RSD	3.3517	58.118	.51420	.61228	.47017	2.2140	.15422

#1	.07488	-.00125	.55812	.08701	.18898	63.601	.38560
#2	.08007	-.00089	.55715	.08635	.18732	63.421	.38634
#3	.07781	-.00031	.55275	.08596	.18762	65.973	.38516

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00687	-.01068	2.1803	.08246	.03465	.03474	490.21
Stddev	.00038	.00087	.0143	.00167	.00022	.00239	7.48
%RSD	5.5054	8.1043	.65464	2.0297	.63561	6.8813	1.5260

#1	.00665	-.01100	2.1855	.08148	.03484	.03362	493.54
#2	.00665	-.00970	2.1912	.08151	.03441	.03748	481.64
#3	.00730	-.01134	2.1641	.08439	.03471	.03311	495.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5105	7.7226	.08154	-.01234	.09705	.16795	.41654
Stddev	.0780	.0567	.00025	.00112	.00315	.00314	.00585
%RSD	2.2208	.73459	.30551	9.0561	3.2413	1.8698	1.4032

#1	3.4678	7.6692	.08153	-.01137	.09346	.16602	.42141
#2	3.4631	7.7164	.08179	-.01210	.09932	.16624	.41006
#3	3.6004	7.7821	.08129	-.01356	.09838	.17157	.41814

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9835	.00201	.32318	2.3533	2.4986	5.9525	.45972
Stddev	.0100	.00026	.01533	.0060	.0196	.0157	.00333
%RSD	.33626	12.815	4.7429	.25601	.78474	.26428	.72399

#1	2.9757	.00229	.32790	2.3599	2.5138	5.9701	.45603
#2	2.9948	.00179	.30605	2.3481	2.5055	5.9397	.46064
#3	2.9800	.00194	.33559	2.3519	2.4765	5.9479	.46250

Sample Name: J6553-07 Acquired: 12/28/2018 19:38:58 Type: Unk
 Method: P4-ICP2(v2688) 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	.05233	9.617	-.51364	.45273	F<.00000
Stddev	.00122	.021	.00823	.23493	1.5131
%RSD	2.3409	.2143	1.6023	51.893	.69946

#1	.05250	9.638	-.51735	.38634	-217.53
#2	.05346	9.596	-.50421	.25813	-214.63
#3	.05103	9.618	-.51936	.71371	-216.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3691.9	49156.	4852.6	102.72	3683.4
Stddev	6.4	904.	6.3	1.42	6.3
%RSD	.17379	1.8397	.13081	1.3835	.17146

#1	3686.7	49607.	4845.5	101.72	3676.8
#2	3699.1	49746.	4854.4	104.35	3689.3
#3	3689.9	48115.	4857.8	102.10	3684.1

Sample Name: J6553-08 Acquired: 12/28/2018 19:42:49 Type: Unk
Method: P4-ICP2(v2688) 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	.06377	-.00073	.74237	.01749	.00916	54.816	.28046
Stddev	.00099	.00167	.01017	.00097	.00150	2.052	.00237
%RSD	1.5513	229.16	1.3700	5.5425	16.383	3.7432	.84367

#1	.06399	.00120	.74306	.01679	.01086	53.991	.28184
#2	.06268	-.00157	.73187	.01860	.00857	57.152	.28182
#3	.06463	-.00181	.75218	.01709	.00804	53.305	.27773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00417	-.00105	7.3500	.09776	.02058	.09391	81.399
Stddev	.00025	.00022	.0642	.00418	.00026	.00202	1.308
%RSD	6.1114	21.160	.87377	4.2781	1.2529	2.1535	1.6068

#1	.00404	-.00094	7.3560	.09634	.02055	.09388	81.076
#2	.00446	-.00131	7.4111	.10247	.02033	.09190	82.839
#3	.00400	-.00092	7.2830	.09448	.02085	.09595	80.284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6551	8.6539	.05430	-.00358	.10611	.16120	.29284
Stddev	.0676	.1141	.00108	.00074	.00373	.00618	.00297
%RSD	4.0835	1.3181	1.9909	20.646	3.5143	3.8310	1.0136

#1	1.6306	8.5351	.05503	-.00362	.10814	.15971	.29254
#2	1.7315	8.7626	.05306	-.00430	.10838	.16799	.29594
#3	1.6032	8.6641	.05481	-.00282	.10180	.15591	.29003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3243	.00464	.05687	1.0139	1.9344	.01692	.44868
Stddev	.0101	.00021	.00445	.0177	.0210	.00072	.00149
%RSD	.30327	4.5514	7.8327	1.7448	1.0855	4.2268	.33121

#1	3.3316	.00481	.05601	1.0216	1.9413	.01765	.44851
#2	3.3128	.00441	.06170	.99369	1.9511	.01689	.45024
#3	3.3287	.00471	.05291	1.0265	1.9108	.01622	.44728

Sample Name: J6553-08 Acquired: 12/28/2018 19:42:49 Type: Unk
 Method: P4-ICP2(v2688) 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	.04614	6.815	-.04935	2.2776	F<.00000
Stddev	.00098	.094	.00132	.4679	.41567
%RSD	2.1307	1.372	2.6825	20.543	4.8787
#1	.04662	6.829	-.04896	2.1199	-8.2997
#2	.04501	6.715	-.05082	2.8040	-8.9996
#3	.04679	6.900	-.04826	1.9089	-8.2612
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.9	49794.	4856.3	109.95	3951.3
Stddev	32.0	1822.	41.3	1.46	42.6
%RSD	.85624	3.6595	.85025	1.3263	1.0784
#1	3731.1	50421.	4829.2	109.99	3944.7
#2	3771.4	47742.	4835.9	108.47	3996.9
#3	3708.2	51220.	4903.8	111.39	3912.5

Sample Name: J6553-09 Acquired: 12/28/2018 19:46:45 Type: Unk
Method: P4-ICP2(v2688) 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	.06145	-.00260	37.248	.02312	.18226	51.103	.56419
Stddev	.00239	.00159	.229	.00149	.00093	.145	.00220
%RSD	3.8823	61.063	.61542	6.4378	.51091	.28335	.38955

#1	.05960	-.00321	37.398	.02305	.18207	50.949	.56545
#2	.06414	-.00379	37.361	.02465	.18144	51.236	.56547
#3	.06060	-.00080	36.984	.02167	.18327	51.124	.56165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00375	.00709	43.360	.13859	.02227	19.773	91.211
Stddev	.00007	.00021	.154	.00164	.00018	.130	1.319
%RSD	1.8585	3.0166	.35630	1.1806	.79194	.65619	1.4464

#1	.00372	.00706	43.253	.13722	.02232	19.879	91.695
#2	.00383	.00732	43.537	.13815	.02207	19.811	89.718
#3	.00371	.00690	43.291	.14040	.02241	19.628	92.220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3112	15.355	.08816	-.00028	.21034	.13449	1.3313
Stddev	.0044	.056	.00041	.00030	.00443	.00082	.0194
%RSD	.19082	.36360	.46764	105.89	2.1082	.61269	1.4596

#1	2.3125	15.304	.08833	-.00058	.20574	.13447	1.3427
#2	2.3149	15.415	.08846	-.00027	.21459	.13368	1.3089
#3	2.3064	15.348	.08769	.00001	.21068	.13533	1.3424

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4666	.01500	.09372	7.6317	2.0167	.10575	.54061
Stddev	.0237	.00033	.00463	.0657	.0019	.00026	.00404
%RSD	.53126	2.2119	4.9438	.86024	.09448	.24256	.74679

#1	4.4938	.01534	.09677	7.6845	2.0152	.10568	.53746
#2	4.4504	.01468	.08839	7.6524	2.0188	.10603	.54516
#3	4.4556	.01499	.09599	7.5582	2.0160	.10553	.53920

Sample Name: J6553-09 Acquired: 12/28/2018 19:46:45 Type: Unk
 Method: P4-ICP2(v2688) 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	.04176	7.267	.02788	2.2365	F<.00000
Stddev	.00105	.071	.00215	.1043	.87620
%RSD	2.5144	.9728	7.7288	4.6653	9.1700

#1	.04119	7.319	.02661	2.2882	-10.396
#2	.04297	7.296	.03037	2.3050	-8.6470
#3	.04112	7.187	.02666	2.1165	-9.6226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.4	49934.	4867.0	106.67	3832.0
Stddev	23.5	74.	9.5	1.54	28.1
%RSD	.64247	.14882	.19444	1.4420	.73377

#1	3636.0	49927.	4859.6	105.78	3810.5
#2	3648.6	49863.	4863.7	108.44	3821.6
#3	3681.5	50012.	4877.7	105.77	3863.8

Sample Name: J6553-10 Acquired: 12/28/2018 19:50:38 Type: Unk
Method: P4-ICP2(v2688) 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	.18299	-.00680	153.59	.02562	.72931	55.664	.70769
Stddev	.00142	.00079	1.37	.00185	.00163	1.185	.00605
%RSD	.77649	11.563	.88876	7.2265	.22399	2.1281	.85493

#1	.18389	-.00739	152.16	.02667	.72955	54.306	.70186
#2	.18373	-.00591	153.74	.02671	.73081	56.488	.71394
#3	.18135	-.00710	154.87	.02348	.72757	56.197	.70726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00517	.01209	189.98	.08900	.03407	1.5426	113.36
Stddev	.00006	.00013	2.22	.00204	.00019	.0046	.70
%RSD	1.1211	1.0693	1.1709	2.2887	.55622	.29478	.61415

#1	.00511	.01202	187.63	.08683	.03388	1.5374	113.60
#2	.00523	.01200	192.05	.09087	.03426	1.5445	113.91
#3	.00517	.01224	190.25	.08929	.03408	1.5459	112.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7111	105.46	.12488	.00595	.32185	.14314	1.4916
Stddev	.0234	.93	.00068	.00046	.00623	.00163	.0074
%RSD	1.3700	.87728	.54307	7.6731	1.9360	1.1384	.49629

#1	1.6841	104.44	.12411	.00593	.31498	.14126	1.4916
#2	1.7251	106.25	.12536	.00642	.32341	.14398	1.4989
#3	1.7242	105.68	.12518	.00550	.32715	.14417	1.4841

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4479	.02077	.09485	F 32.887	2.3031	.23721	.67139
Stddev	.0392	.00042	.00725	.309	.0048	.00114	.01158
%RSD	1.1358	2.0001	7.6468	.93997	.20917	.47967	1.7253

#1	3.4271	.02095	.10314	32.553	2.2989	.23729	.66825
#2	3.4931	.02106	.08970	32.945	2.3084	.23603	.68422
#3	3.4236	.02029	.09170	33.163	2.3020	.23830	.66170

Sample Name: J6553-10 Acquired: 12/28/2018 19:50:38 Type: Unk
Method: P4-ICP2(v2688) 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	.05204	6.645	-.02500	2.6332	F<.00000
Stddev	.00036	.025	.00160	.1654	.44555
%RSD	.69442	.3835	6.3828	6.2806	3.1738
#1	.05245	6.623	-.02674	2.4777	-14.316
#2	.05175	6.639	-.02361	2.8070	-13.525
#3	.05193	6.673	-.02464	2.6150	-14.275
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.2	48495.	4871.1	103.46	3515.4
Stddev	2.6	666.	21.8	.65	22.2
%RSD	.07373	1.3736	.44745	.62835	.63127
#1	3515.1	49264.	4890.0	103.17	3539.9
#2	3511.5	48102.	4847.3	103.00	3509.9
#3	3510.0	48120.	4876.1	104.20	3496.5

Sample Name: J6553-11 Acquired: 12/28/2018 19:54:29 Type: Unk
Method: P4-ICP2(v2688) 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	.03191	-.00164	13.113	.01693	.05948	47.683	.38337
Stddev	.00193	.00112	.020	.00438	.00152	.144	.00648
%RSD	6.0524	67.923	.15166	25.861	2.5497	.30136	1.6913

#1	.03024	-.00090	13.130	.02148	.05992	47.750	.39070
#2	.03146	-.00293	13.118	.01657	.05780	47.519	.37839
#3	.03402	-.00110	13.091	.01275	.06073	47.782	.38102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00305	.00212	50.684	.08945	.02655	.26660	80.645
Stddev	.00010	.00007	.795	.00090	.00045	.00239	.254
%RSD	3.3117	3.2486	1.5688	1.0090	1.6935	.89549	.31460

#1	.00299	.00218	51.589	.08862	.02703	.26935	80.866
#2	.00317	.00204	50.097	.08933	.02614	.26501	80.368
#3	.00299	.00213	50.367	.09041	.02647	.26545	80.701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6627	25.135	.06347	-.00274	.51797	.10883	.60597
Stddev	.0032	.242	.00048	.00040	.00733	.00017	.00263
%RSD	.19458	.96142	.74851	14.413	1.4152	.15311	.43343

#1	1.6601	25.413	.06397	-.00273	.52529	.10865	.60831
#2	1.6617	24.983	.06341	-.00235	.51063	.10898	.60313
#3	1.6663	25.008	.06303	-.00315	.51798	.10887	.60646

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6560	.00620	.06481	2.7277	1.7013	.02887	.43040
Stddev	.0644	.00027	.00150	.0202	.0215	.00031	.00529
%RSD	1.3825	4.3682	2.3130	.74149	1.2622	1.0692	1.2297

#1	4.7301	.00625	.06645	2.7479	1.7260	.02912	.43642
#2	4.6250	.00591	.06351	2.7074	1.6912	.02852	.42835
#3	4.6131	.00645	.06446	2.7278	1.6868	.02896	.42644

Sample Name: J6553-11 Acquired: 12/28/2018 19:54:29 Type: Unk
Method: P4-ICP2(v2688) 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	.04222	4.313	.02288	2.3865	F<.00000
Stddev	.00185	.013	.00099	.0462	.37965
%RSD	4.3870	.2962	4.3481	1.9366	6.1739
#1	.04354	4.328	.02397	2.4398	-6.0119
#2	.04302	4.304	.02203	2.3588	-6.5785
#3	.04010	4.308	.02265	2.3608	-5.8575
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3666.6	49828.	4832.0	108.08	3826.5
Stddev	8.4	18.	66.2	.48	9.1
%RSD	.23001	.03659	1.3692	.43959	.23702
#1	3657.0	49827.	4756.1	107.58	3816.7
#2	3669.6	49846.	4877.7	108.53	3828.0
#3	3673.1	49809.	4862.2	108.13	3834.7

Sample Name: J6553-12 Acquired: 12/28/2018 19:58:22 Type: Unk
Method: P4-ICP2(v2688) 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	.04366	-.00023	5.5381	.01529	.16454	48.575	.27771
Stddev	.00228	.00045	.0032	.00389	.00121	.169	.00118
%RSD	5.2174	199.77	.05787	25.460	.73635	.34858	.42319

#1	.04104	.00024	5.5357	.01532	.16526	48.396	.27842
#2	.04516	-.00066	5.5417	.01138	.16314	48.596	.27836
#3	.04479	-.00025	5.5368	.01917	.16522	48.732	.27635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	-.00017	4.4242	.09294	.02504	.16435	73.522
Stddev	.00005	.00014	.0162	.00062	.00031	.00010	.585
%RSD	1.5609	82.416	.36624	.66770	1.2435	.06064	.79591

#1	.00336	-.00009	4.4392	.09304	.02486	.16427	73.237
#2	.00326	-.00009	4.4070	.09349	.02540	.16446	73.135
#3	.00333	-.00033	4.4264	.09227	.02487	.16431	74.195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4344	6.7459	.06436	-.00278	.08163	.16218	.31199
Stddev	.0025	.0246	.00009	.00014	.00195	.00159	.00182
%RSD	.17327	.36486	.14385	5.0707	2.3884	.98198	.58376

#1	1.4363	6.7283	.06425	-.00294	.08335	.16211	.31290
#2	1.4316	6.7740	.06438	-.00270	.08203	.16380	.30989
#3	1.4354	6.7353	.06443	-.00268	.07951	.16062	.31318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7396	.01207	.04981	1.4388	1.6275	.01767	.51775
Stddev	.0038	.00001	.00043	.0077	.0169	.00072	.00537
%RSD	.13715	.11059	.86802	.53721	1.0368	4.0920	1.0367

#1	2.7377	.01207	.05027	1.4421	1.6316	.01834	.52239
#2	2.7371	.01207	.04974	1.4443	1.6419	.01690	.51187
#3	2.7439	.01209	.04942	1.4300	1.6089	.01777	.51900

Sample Name: J6553-12 Acquired: 12/28/2018 19:58:22 Type: Unk
 Method: P4-ICP2(v2688) 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	.03920	5.297	-.05360	1.9096	F<.00000
Stddev	.00071	.005	.00082	.1030	.31607
%RSD	1.8149	.1031	1.5365	5.3929	5.6165
#1	.03993	5.293	-.05312	1.9730	-5.9914
#2	.03917	5.303	-.05312	1.7908	-5.4705
#3	.03851	5.295	-.05455	1.9651	-5.4208
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.8	51149.	4899.4	109.64	3978.3
Stddev	8.0	107.	37.3	.89	9.3
%RSD	.21111	.21014	.76029	.80844	.23405
#1	3762.0	51031.	4857.8	109.16	3968.0
#2	3772.8	51241.	4910.5	110.66	3980.9
#3	3777.5	51174.	4929.8	109.10	3986.0

Sample Name: J6553-13 Acquired: 12/28/2018 20:02:18 Type: Unk
 Method: P4-ICP2(v2688) 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	.06815	-.00188	8.0216	.01607	.40174	62.482	.33251
Stddev	.00149	.00021	.0434	.00240	.00129	1.159	.00437
%RSD	2.1914	11.146	.54040	14.927	.32137	1.8551	1.3145

#1	.06957	-.00186	8.0611	.01481	.40287	63.751	.32977
#2	.06659	-.00169	7.9752	.01456	.40200	61.480	.33020
#3	.06829	-.00210	8.0284	.01883	.40033	62.214	.33755

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	-.00095	4.4418	.10093	.04717	.08611	78.188
Stddev	.00010	.00006	.0685	.00204	.00029	.00009	.976
%RSD	2.5817	6.5573	1.5425	2.0197	.61171	.10319	1.2482

#1	.00415	-.00095	4.3855	.10277	.04738	.08605	77.713
#2	.00394	-.00089	4.4217	.09874	.04684	.08621	77.541
#3	.00402	-.00102	4.5181	.10127	.04729	.08607	79.311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8706	6.7842	.05561	-.00304	.05473	.11388	.28136
Stddev	.0399	.0529	.00023	.00042	.01257	.00221	.00306
%RSD	2.1341	.77999	.41710	13.699	22.971	1.9369	1.0875

#1	1.9154	6.7246	.05550	-.00346	.06003	.11632	.27967
#2	1.8388	6.8024	.05546	-.00302	.04038	.11202	.27952
#3	1.8577	6.8257	.05588	-.00263	.06379	.11331	.28489

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7181	.03751	.05376	.78677	1.9675	.01466	.72899
Stddev	.0267	.00020	.00297	.00863	.0288	.00061	.01868
%RSD	.98200	.53743	5.5271	1.0973	1.4655	4.1458	2.5624

#1	2.7199	.03773	.05489	.79311	1.9462	.01536	.71846
#2	2.6905	.03733	.05600	.77694	1.9560	.01427	.71795
#3	2.7438	.03746	.05039	.79027	2.0003	.01435	.75056

Sample Name: J6553-13 Acquired: 12/28/2018 20:02:18 Type: Unk
 Method: P4-ICP2(v2688) 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	.04200	7.839	-.04742	2.2300	F<.00000
Stddev	.00109	.041	.00072	.2106	.45506
%RSD	2.5941	.5271	1.5206	9.4454	6.4956
#1	.04082	7.876	-.04704	2.4699	-7.3738
#2	.04221	7.794	-.04697	2.0751	-7.1463
#3	.04297	7.847	-.04825	2.1451	-6.4969
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.8	50878.	4937.8	108.12	3986.3
Stddev	17.0	936.	70.2	1.05	22.3
%RSD	.44790	1.8399	1.4216	.96814	.55876
#1	3786.9	49825.	4969.0	108.57	3965.1
#2	3821.0	51614.	4987.1	108.87	4009.5
#3	3803.5	51195.	4857.5	106.93	3984.4

Sample Name: J6553-14 Acquired: 12/28/2018 20:06:15 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00749	k 1.9337	k 16.336	k .02059	k .00210	sF 2261600.
Stddev	.00002	.0033	.013	.00009	.00002	1958600.
%RSD	.26619	.16892	.08071	.43966	.86634	86.603

#1	k .00751	k 1.9374	k 16.350	k .02060	k .00212	s 3401500.
#2	k .00747	k 1.9311	k 16.337	k .02050	k .00209	s 4.
#3	k .00748	k 1.9326	k 16.323	k .02068	k .00209	s 3383400.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01389	sF 6449.2	k .19940	k .03893	sF 17082.	k .23897
Stddev	.00003	5585.4	.00015	.00040	14794.	.00053
%RSD	.21432	86.606	.07554	1.0317	86.603	.21992

#1	-.01385	s 9723.7	k .19939	k .03929	s 25586.	k .23954
#2	-.01391	s .012	k .19955	k .03850	s .03	k .23850
#3	-.01390	s 9623.8	k .19925	k .03901	s 25660.	k .23887

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00441	k 77.344	sF 68028.	.08545	k .54691	sF 1223.2
Stddev	.00001	.694	58914.	.00019	.00065	1059.4
%RSD	.28553	.89755	86.603	.22295	.11834	86.603

#1	k .00441	k 78.063	s 102260.	.08556	k .54646	s 1836.3
#2	k .00439	k 76.678	s .1	.08523	k .54765	s .001
#3	k .00442	k 77.291	s 101820.	.08556	k .54663	s 1833.4

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10701	sF 13496.	k .48769	.38903	.00018	k -.00237
Stddev	.00021	11689.	.00280	.00094	.00000	.00008
%RSD	.19835	86.607	.57469	.24206	.70794	3.4777

#1	-.10689	s 20368.	k .48998	.38994	.00018	k -.00245
#2	-.10689	s .02	k .48456	.38806	.00018	k -.00238
#3	-.10726	s 20120.	k .48853	.38908	.00018	k -.00229

Sample Name: J6553-14 Acquired: 12/28/2018 20:06:15 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .82407	k -.00726	k .07814	k .01455	-.01103	kF 11.03
Stddev	.00248	.00006	.00009	.00019	.00002	.01
%RSD	.30037	.87679	.11420	1.3282	.15539	.0634

#1	k .82141	k -.00722	k .07807	k .01467	-.01102	k 11.03
#2	k .82450	k -.00734	k .07824	k .01465	-.01103	k 11.04
#3	k .82630	k -.00723	k .07811	k .01433	-.01105	k 11.02

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00229	<.00000	F<.00000
Stddev	.00001	8.0175	.38610
%RSD	.32697	.81318	.56926

#1	k .00230	-983.64	-67.826
#2	k .00228	-994.86	-68.211
#3	k .00228	-979.32	-67.439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	379750.	^ *****	542580.	107.33	3808.1
Stddev	1240.	-----	667.	.66	10.0
%RSD	.32653	-----	.12296	.61167	.26135

#1	378400.	^ -----	541900.	106.76	3797.6
#2	380840.	^ -----	543230.	108.05	3809.4
#3	380020.	^ -----	542610.	107.19	3817.4

Sample Name: J6553-15 Acquired: 12/28/2018 20:10:32 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00748	k 1.9355	k 16.412	k .02059	k .00208	sF 2269400.
Stddev	.00001	.0141	.087	.00003	.00003	1965300.
%RSD	.10123	.72857	.52922	.14606	1.5987	86.603

#1	k .00747	k 1.9219	k 16.324	k .02056	k .00208	s 4.
#2	k .00747	k 1.9500	k 16.497	k .02061	k .00205	s 3396100.
#3	k .00749	k 1.9347	k 16.416	k .02061	k .00212	s 3411900.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01389	sF 6490.2	k .19999	k .03888	sF 17085.	k .23959
Stddev	.00002	5620.7	.00122	.00033	14796.	.00093
%RSD	.17885	86.603	.61125	.85656	86.603	.39012

#1	-.01391	s .012	k .19859	k .03887	s .03	k .23851
#2	-.01387	s 9717.8	k .20088	k .03922	s 25586.	k .24022
#3	-.01391	s 9752.9	k .20048	k .03855	s 25669.	k .24003

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00440	k 77.661	sF 68398.	.08529	k .54974	sF 1234.9
Stddev	.00002	.637	59234.	.00090	.00261	1070.1
%RSD	.38974	.82088	86.603	1.0586	.47478	86.653

#1	k .00438	k 77.813	s .13	.08441	k .54705	s .001
#2	k .00442	k 78.208	s 102440.	.08621	k .55226	s 1816.0
#3	k .00441	k 76.961	s 102750.	.08525	k .54992	s 1888.7

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10718	sF 13535.	k .48831	.38947	.00018	k -.00237
Stddev	.00027	11722.	.00412	.00083	.00000	.00002
%RSD	.24829	86.606	.84336	.21421	1.6449	.80634

#1	-.10744	s .03	k .48970	.38889	.00018	k -.00235
#2	-.10690	s 20192.	k .49155	.39042	.00018	k -.00237
#3	-.10719	s 20413.	k .48368	.38909	.00018	k -.00239

Sample Name: J6553-15 Acquired: 12/28/2018 20:10:32 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .82550	k -.00729	k .07874	k .01452	-.01103	kF 11.03
Stddev	.00527	.00020	.00014	.00015	.00003	.06
%RSD	.63869	2.7052	.18311	1.0448	.31510	.5722

#1	k .81976	k -.00751	k .07882	k .01435	-.01105	k 10.97
#2	k .83012	k -.00712	k .07883	k .01464	-.01099	k 11.10
#3	k .82661	k -.00726	k .07857	k .01458	-.01105	k 11.03

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00229	<.00000	F<.00000
Stddev	.00001	5.4459	.74008
%RSD	.60905	.54791	1.0859

#1	k .00228	-991.46	-68.917
#2	k .00231	-990.17	-67.439
#3	k .00229	-1000.2	-68.108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	379620.	^ *****	542200.	107.18	3792.4
Stddev	638.	-----	3997.	1.01	12.6
%RSD	.16801	-----	.73724	.93973	.33117

#1	378920.	^ -----	545050.	106.84	3801.8
#2	379780.	^ -----	537630.	106.39	3778.1
#3	380160.	^ -----	543910.	108.31	3797.2

Sample Name: CCV09 Acquired: 12/28/2018 20:14:49 Type: Unk
Method: P4-ICP2(v2688) 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	4.9523	4.7618	4.8241	4.8604	4.9441	9.8473	9.5881	.23998
Stddev	.0155	.0148	.0163	.0194	.0168	.0666	.1096	.00340
%RSD	.31342	.31053	.33817	.39997	.33894	.67659	1.1426	1.4183
#1	4.9378	4.7503	4.8068	4.8520	4.9367	9.8969	9.6932	.24218
#2	4.9505	4.7567	4.8265	4.8466	4.9324	9.8734	9.4746	.24171
#3	4.9687	4.7785	4.8391	4.8826	4.9633	9.7715	9.5966	.23606
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3621	25.378	.98827	2.3712	1.2267	4.6962	2.4380	24.058
Stddev	.0098	.493	.01525	.0074	.0042	.0547	.0306	.272
%RSD	.41603	1.9410	1.5433	.31261	.34565	1.1656	1.2568	1.1305
#1	2.3533	25.547	.99797	2.3641	1.2230	4.6439	2.4560	24.163
#2	2.3603	24.824	.99615	2.3705	1.2258	4.7531	2.4555	23.750
#3	2.3727	25.764	.97069	2.3789	1.2314	4.6917	2.4027	24.263
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3448	1.2473	23.156	2.3333	2.3871	23.759	4.9692	4.8208
Stddev	.0088	.0180	.275	.0333	.0101	.236	.0157	.0774
%RSD	.37666	1.4433	1.1885	1.4254	.42250	.99199	.31618	1.6051
#1	2.3370	1.2581	23.423	2.3551	2.3888	23.949	4.9572	4.8483
#2	2.3429	1.2572	22.873	2.3497	2.3962	23.495	4.9634	4.7334
#3	2.3544	1.2265	23.174	2.2950	2.3763	23.834	4.9870	4.8807
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6208	4.8065	4.7632	4.8016	4.8275	4.778	5.0349	F 3.6064
Stddev	.0133	.0481	.0249	.0444	.0615	.012	.0689	.1952
%RSD	.28848	1.0002	.52172	.92519	1.2743	.2585	1.3677	5.4116
#1	4.6098	4.8465	4.7400	4.8221	4.8820	4.773	5.0731	3.7431
#2	4.6170	4.7532	4.7601	4.7507	4.7608	4.769	4.9555	3.6932
#3	4.6356	4.8200	4.7894	4.8321	4.8397	4.792	5.0763	3.3828

Sample Name: CCV09 Acquired: 12/28/2018 20:14:49 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5812
Stddev .0709
%RSD 2.7476

#1 2.6008
#2 2.5025
#3 2.6403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.1	46793.	4565.2	104.62	3670.7
Stddev	5.4	626.	59.0	.57	8.9
%RSD	.15777	1.3381	1.2933	.54855	.24290

#1	3458.5	46404.	4522.7	104.47	3681.0
#2	3453.1	46460.	4632.6	104.14	3664.9
#3	3447.6	47515.	4540.3	105.25	3666.3

Sample Name: CCB09 Acquired: 12/28/2018 20:18:29 Type: Unk
Method: P4-ICP2(v2688) 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	-.00222	.00131	F .01108	.00225	-.00067	-.00395	.00219
Stddev	.00056	.00087	.00132	.00208	.00041	.01301	.00003
%RSD	25.044	66.666	11.927	92.649	60.832	329.22	1.3173

#1	-.00190	.00194	.01178	.00204	-.00114	-.01114	.00222
#2	-.00190	.00166	.01189	.00443	-.00047	-.01177	.00220
#3	-.00286	.00031	.00955	.00028	-.00041	.01106	.00216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00011	.00522	-.00033	-.00005	-.00030	.00920
Stddev	.00002	.00006	.00899	.00035	.00013	.00026	.00717
%RSD	164.47	53.385	171.97	108.60	239.66	85.191	77.894

#1	-.00002	.00015	.00574	-.00011	-.00019	-.00060	.00095
#2	-.00001	.00014	.01394	-.00013	.00006	-.00018	.01388
#3	.00001	.00004	-.00400	-.00074	-.00002	-.00013	.01277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00280	.00095	-.00005	-.00637	-.00005	-.00017
Stddev	.00002	.03761	.00012	.00014	.00297	.00026	.00003
%RSD	10.992	1345.7	12.742	292.01	46.544	473.46	18.871

#1	.00024	.03334	.00082	-.00021	-.00452	-.00034	-.00016
#2	.00019	.00001	.00101	.00007	-.00979	.00016	-.00021
#3	.00021	-.04173	.00104	-.00001	-.00481	.00001	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03072	.00020	.00440	-.00119	.00404	-.00025	.00358
Stddev	.01843	.00011	.00140	.00135	.00048	.00026	.00075
%RSD	60.017	54.597	31.790	112.94	11.890	101.93	20.923

#1	.00978	.00019	.00399	.00035	.00359	-.00046	.00297
#2	.04452	.00032	.00596	-.00176	.00398	-.00033	.00335
#3	.03784	.00010	.00326	-.00216	.00455	.00003	.00442

Sample Name: CCB09 Acquired: 12/28/2018 20:18:29 Type: Unk
Method: P4-ICP2(v2688) 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	.00008	-.0005	-.00002	F 2.6761	F<.00000
Stddev	.00078	.0014	.00004	.0286	.35899
%RSD	1022.8	292.8	211.85	1.0699	90.473
#1	.00085	-.0001	-.00005	2.6462	-.77087
#2	-.00071	-.0020	-.00003	2.6787	-.05509
#3	.00009	.0007	.00002	2.7033	-.36440
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.1	48920.	4588.5	109.42	4154.1
Stddev	3.2	181.	25.4	.71	7.4
%RSD	.09010	.36957	.55272	.64657	.17730
#1	3595.3	48791.	4603.2	110.23	4161.9
#2	3596.5	48843.	4559.2	108.99	4153.0
#3	3590.4	49127.	4603.1	109.03	4147.3

Sample Name: J6553-13A Acquired: 12/28/2018 20:22:38 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00752	k 1.9213	k 16.297	k .02058	k .00212	sF 2269400.
Stddev	.00004	.0224	.148	.00007	.00001	1965300.
%RSD	.50892	1.1658	.90886	.35612	.50447	86.602

#1	k .00755	k 1.9220	k 16.376	k .02063	k .00213	s 3402700.
#2	k .00753	k 1.9433	k 16.389	k .02062	k .00213	s 3405500.
#3	k .00748	k 1.8985	k 16.126	k .02050	k .00211	s 4.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01389	sF 6475.6	k .19860	k .03867	sF 17058.	k .23785
Stddev	.00004	5608.0	.00237	.00016	14772.	.00289
%RSD	.25835	86.603	1.1915	.40540	86.603	1.2157

#1	-.01388	s 9697.5	k .19914	k .03879	s 25552.	k .23888
#2	-.01387	s 9729.2	k .20065	k .03871	s 25620.	k .24008
#3	-.01393	s .012	k .19601	k .03849	s .03	k .23458

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00440	k 77.944	sF 68244.	.08521	k .54466	sF 1254.4
Stddev	.00002	.554	59101.	.00019	.00664	1087.1
%RSD	.41925	.71066	86.602	.21862	1.2200	86.661

#1	k .00441	k 77.585	s 102330.	.08502	k .54710	s 1841.4
#2	k .00442	k 78.582	s 102400.	.08524	k .54974	s 1921.6
#3	k .00438	k 77.666	s .1	.08539	k .53714	s .001

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10726	sF 13500.	k .49071	.38888	.00018	k -.00231
Stddev	.00026	11691.	.00270	.00063	.00000	.00010
%RSD	.23781	86.602	.55122	.16228	1.1513	4.2505

#1	-.10698	s 20245.	k .49144	.38908	.00018	k -.00222
#2	-.10747	s 20253.	k .49297	.38939	.00019	k -.00228
#3	-.10734	s .03	k .48771	.38818	.00018	k -.00241

Sample Name: J6553-13A Acquired: 12/28/2018 20:22:38 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .81598	k -.00756	k .07851	k .01418	-.01105	kF 10.94
Stddev	.00610	.00013	.00111	.00015	.00001	.10
%RSD	.74751	1.7609	1.4174	1.0369	.12326	.8856

#1	k .81919	k -.00741	k .07877	k .01434	-.01104	k 11.01
#2	k .81981	k -.00759	k .07947	k .01415	-.01106	k 10.98
#3	k .80895	k -.00767	k .07729	k .01405	-.01106	k 10.83

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00228	<.00000	F<.00000
Stddev	.00001	8.1685	.35159
%RSD	.43093	.82307	.51623

#1	k .00229	-983.78	-68.410
#2	k .00229	-993.52	-67.722
#3	k .00227	-1000.0	-68.190

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	378180.	^ *****	545490.	106.71	3820.0
Stddev	767.	-----	2243.	.52	32.7
%RSD	.20290	-----	.41112	.49064	.85487

#1	377380.	^ -----	543950.	106.80	3805.2
#2	378230.	^ -----	544450.	106.15	3797.3
#3	378920.	^ -----	548060.	107.18	3857.4

Sample Name: J6553-16 Acquired: 12/28/2018 20:26:56 Type: Unk
Method: P4-ICP2(v2688) 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	.02786	-.00082	.05808	.01670	.00553	52.436	.27974
Stddev	.00240	.00025	.00099	.00089	.00106	.438	.00076
%RSD	8.6333	30.065	1.6988	5.3055	19.121	.83490	.27027

#1	.02765	-.00070	.05890	.01582	.00481	52.160	.27978
#2	.03036	-.00066	.05698	.01759	.00675	52.208	.27896
#3	.02556	-.00111	.05835	.01668	.00504	52.941	.28047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	-.00183	1.1738	.07444	.01776	.02604	74.872
Stddev	.00006	.00001	.0032	.00080	.00014	.00033	.142
%RSD	1.9558	.67998	.27130	1.0705	.79333	1.2515	.18907

#1	.00330	-.00183	1.1759	.07388	.01769	.02577	75.035
#2	.00322	-.00184	1.1754	.07409	.01767	.02641	74.785
#3	.00335	-.00181	1.1702	.07536	.01792	.02596	74.795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89237	6.5266	.04685	-.00349	.02674	.09835	.16335
Stddev	.01080	.0612	.00037	.00031	.00499	.00155	.00033
%RSD	1.2098	.93728	.79819	8.9582	18.663	1.5732	.20499

#1	.88639	6.4645	.04646	-.00314	.02101	.09705	.16344
#2	.88588	6.5285	.04687	-.00374	.02903	.09794	.16363
#3	.90483	6.5868	.04721	-.00360	.03017	.10006	.16298

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6879	.00200	.04840	.31321	2.6098	.00119	.34318
Stddev	.0332	.00018	.00618	.00178	.0257	.00017	.00171
%RSD	1.2355	8.8774	12.778	.56854	.98589	14.710	.49731

#1	2.6525	.00220	.04200	.31464	2.5839	.00105	.34127
#2	2.6929	.00188	.04886	.31122	2.6100	.00138	.34373
#3	2.7184	.00191	.05434	.31378	2.6353	.00113	.34455

Sample Name: J6553-16 Acquired: 12/28/2018 20:26:56 Type: Unk
 Method: P4-ICP2(v2688) 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	.04196	2.854	-.06284	2.1545	F<.00000
Stddev	.00085	.004	.00025	.1695	.46669
%RSD	2.0234	.1552	.39813	7.8670	6.9762

#1	.04175	2.849	-.06311	2.1706	-7.1342
#2	.04124	2.857	-.06278	1.9775	-6.2036
#3	.04290	2.856	-.06262	2.3154	-6.7313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3790.7	50950.	4946.0	108.79	3987.2
Stddev	11.8	459.	14.1	.16	2.8
%RSD	.31116	.90122	.28527	.15107	.07037

#1	3779.5	51145.	4953.5	108.65	3985.5
#2	3789.7	51280.	4954.9	108.76	3985.8
#3	3803.0	50426.	4929.8	108.97	3990.5

Sample Name: J6553-17 Acquired: 12/28/2018 20:30:58 Type: Unk
Method: P4-ICP2(v2688) 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	.02717	-.00145	.21465	.01765	.00437	58.680	.31302
Stddev	.00268	.00008	.00036	.00154	.00175	.375	.00109
%RSD	9.8776	5.8411	.16828	8.7442	40.089	.63952	.34775

#1	.03026	-.00139	.21466	.01942	.00629	58.259	.31308
#2	.02540	-.00142	.21501	.01660	.00287	58.801	.31407
#3	.02586	-.00155	.21428	.01692	.00395	58.979	.31190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00384	-.00188	2.7076	.09501	.02100	.04150	84.811
Stddev	.00009	.00004	.0391	.00079	.00021	.00033	.588
%RSD	2.3819	2.1258	1.4459	.83346	1.0114	.79712	.69368

#1	.00383	-.00186	2.6699	.09429	.02087	.04115	85.220
#2	.00375	-.00193	2.7047	.09488	.02090	.04155	85.076
#3	.00393	-.00186	2.7481	.09586	.02125	.04181	84.137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0610	8.3332	.06157	-.00372	.05008	.12197	.23085
Stddev	.0083	.0610	.00035	.00002	.00526	.00089	.00197
%RSD	.78141	.73174	.57044	.44363	10.497	.72567	.85519

#1	1.0550	8.3272	.06165	-.00374	.05251	.12134	.23258
#2	1.0576	8.2754	.06118	-.00371	.05367	.12159	.23128
#3	1.0705	8.3970	.06187	-.00372	.04404	.12298	.22870

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8901	.00265	.06025	.56507	1.8118	.00329	.37190
Stddev	.0178	.00012	.00437	.00217	.0034	.00036	.00033
%RSD	.61590	4.5101	7.2472	.38337	.18863	10.939	.08939

#1	2.9078	.00253	.06060	.56721	1.8079	.00316	.37220
#2	2.8904	.00277	.06444	.56288	1.8144	.00301	.37154
#3	2.8722	.00265	.05572	.56513	1.8130	.00370	.37196

Sample Name: J6553-17 Acquired: 12/28/2018 20:30:58 Type: Unk
 Method: P4-ICP2(v2688) 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	.04977	2.197	-.06870	1.9223	F<.00000
Stddev	.00136	.005	.00059	.0421	.22538
%RSD	2.7244	.2191	.85374	2.1879	2.2593
#1	.04821	2.199	-.06920	1.8756	-10.203
#2	.05063	2.191	-.06885	1.9343	-9.7520
#3	.05047	2.201	-.06805	1.9571	-9.9715
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3812.6	51496.	4995.1	108.78	3961.6
Stddev	2.4	234.	18.3	.91	6.1
%RSD	.06295	.45506	.36603	.83461	.15513
#1	3813.8	51723.	4983.0	108.04	3958.4
#2	3814.2	51512.	4986.2	108.50	3968.6
#3	3809.9	51255.	5016.1	109.79	3957.6

Sample Name: J6553-18 Acquired: 12/28/2018 20:34:55 Type: Unk
Method: P4-ICP2(v2688) 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	.06257	-.00139	.85030	.01852	.00876	50.817	.26843
Stddev	.00019	.00063	.00292	.00174	.00083	.187	.00380
%RSD	.30484	45.062	.34311	9.3745	9.4714	.36775	1.4150

#1	.06243	-.00191	.85352	.01737	.00907	50.647	.27153
#2	.06248	-.00070	.84956	.02051	.00939	50.786	.26957
#3	.06279	-.00157	.84782	.01766	.00782	51.017	.26420

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	-.00085	4.0336	.08825	.02264	.09230	80.967
Stddev	.00005	.00012	.0168	.00063	.00026	.00056	.712
%RSD	1.2506	13.718	.41719	.71471	1.1306	.60998	.87909

#1	.00397	-.00072	4.0496	.08770	.02237	.09291	80.457
#2	.00394	-.00089	4.0354	.08894	.02287	.09180	81.780
#3	.00404	-.00095	4.0160	.08810	.02268	.09218	80.663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9747	7.5133	.05443	-.00342	.06017	.16721	.28587
Stddev	.0049	.0458	.00027	.00020	.00492	.00225	.00238
%RSD	.24938	.60979	.49798	5.7876	8.1848	1.3427	.83192

#1	1.9697	7.4691	.05428	-.00321	.05984	.16619	.28421
#2	1.9795	7.5103	.05475	-.00346	.06525	.16978	.28860
#3	1.9749	7.5606	.05427	-.00360	.05541	.16565	.28480

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3452	.00413	.05184	.79033	2.2182	.12007	.36020
Stddev	.0568	.00007	.00241	.00561	.0383	.00117	.00383
%RSD	1.6986	1.6501	4.6512	.71001	1.7252	.97654	1.0625

#1	3.4060	.00414	.05074	.79644	2.2355	.11873	.36450
#2	3.3362	.00419	.05461	.78541	2.2448	.12090	.35718
#3	3.2934	.00406	.05018	.78914	2.1744	.12059	.35892

Sample Name: J6553-18 Acquired: 12/28/2018 20:34:55 Type: Unk
Method: P4-ICP2(v2688) 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	.04488	4.327	-.06111	2.0367	F<.00000
Stddev	.00121	.005	.00086	.1799	.27177
%RSD	2.6925	.1103	1.4105	8.8326	3.0983
#1	.04621	4.330	-.06039	2.0703	-8.5130
#2	.04460	4.330	-.06206	1.8424	-9.0548
#3	.04384	4.322	-.06086	2.1975	-8.7470
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.5	50884.	4935.1	112.66	3968.5
Stddev	3.3	105.	56.1	.70	1.0
%RSD	.08791	.20659	1.1358	.62229	.02607
#1	3743.5	50984.	4891.1	113.11	3967.3
#2	3746.2	50894.	4916.1	111.85	3968.9
#3	3750.0	50774.	4998.2	113.01	3969.2

Sample Name: J6553-19 Acquired: 12/28/2018 20:38:54 Type: Unk
Method: P4-ICP2(v2688) 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	.05102	-.00180	5.2971	.01821	.05313	53.334	.30594
Stddev	.00123	.00124	.0070	.00165	.00083	.149	.00247
%RSD	2.4058	68.723	.13313	9.0491	1.5661	.27932	.80734

#1	.05027	-.00322	5.3048	.02003	.05368	53.184	.30315
#2	.05244	-.00128	5.2911	.01778	.05353	53.482	.30682
#3	.05035	-.00091	5.2953	.01682	.05217	53.336	.30785

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00390	-.00066	7.7858	.09284	.02033	.14905	86.346
Stddev	.00005	.00022	.1050	.00028	.00007	.00055	1.359
%RSD	1.2104	33.535	1.3488	.30514	.32604	.36847	1.5733

#1	.00385	-.00050	7.6849	.09307	.02028	.14866	86.216
#2	.00394	-.00056	7.7781	.09252	.02041	.14968	85.058
#3	.00391	-.00091	7.8945	.09293	.02031	.14881	87.765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3122	8.1093	.05719	-.00312	.08281	.16070	.51514
Stddev	.0018	.1074	.00051	.00027	.01122	.00151	.00826
%RSD	.13930	1.3240	.89089	8.6062	13.547	.93881	1.6042

#1	1.3110	8.0642	.05773	-.00288	.07002	.15930	.51582
#2	1.3143	8.0318	.05671	-.00341	.08743	.16049	.50655
#3	1.3114	8.2319	.05713	-.00308	.09098	.16230	.52304

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9029	.00603	.06747	1.3425	2.0277	.03507	.69081
Stddev	.0197	.00028	.00684	.0062	.0385	.00046	.00641
%RSD	.68006	4.6625	10.134	.46023	1.8975	1.3050	.92822

#1	2.9187	.00616	.06541	1.3495	1.9877	.03511	.68391
#2	2.8808	.00622	.06190	1.3400	2.0310	.03459	.69193
#3	2.9091	.00570	.07510	1.3380	2.0645	.03550	.69658

Sample Name: J6553-19 Acquired: 12/28/2018 20:38:54 Type: Unk
 Method: P4-ICP2(v2688) 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	.04306	6.383	-.04940	1.8639	F<.00000
Stddev	.00043	.013	.00150	.1131	.68781
%RSD	1.0077	.2093	3.0461	6.0696	7.4537
#1	.04282	6.398	-.04906	1.9759	-8.4355
#2	.04356	6.376	-.04809	1.8660	-9.5762
#3	.04281	6.374	-.05104	1.7497	-9.6717
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.6	51124.	4922.1	109.05	3945.5
Stddev	12.2	47.	59.7	1.82	9.6
%RSD	.32621	.09285	1.2121	1.6717	.24242
#1	3737.9	51096.	4978.9	108.78	3935.1
#2	3762.4	51097.	4927.4	111.00	3954.0
#3	3751.5	51179.	4859.9	107.38	3947.3

Sample Name: J6553-20 Acquired: 12/28/2018 20:42:50 Type: Unk
Method: P4-ICP2(v2688) 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	.05912	-.00005	6.0637	.02069	.04713	53.344	.25918
Stddev	.00171	.00051	.0260	.00140	.00135	.235	.00119
%RSD	2.8948	1038.7	.42789	6.7887	2.8594	.44030	.45963

#1	.05884	.00013	6.0614	.02055	.04688	53.177	.25872
#2	.06095	.00035	6.0907	.01937	.04593	53.613	.26053
#3	.05756	-.00063	6.0390	.02217	.04859	53.242	.25829

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	-.00048	7.2636	.10836	.01974	.15090	82.082
Stddev	.00001	.00007	.0114	.00076	.00015	.00060	1.226
%RSD	.34267	13.569	.15707	.70442	.76354	.39705	1.4934

#1	.00376	-.00052	7.2753	.10848	.01968	.15035	82.473
#2	.00379	-.00051	7.2525	.10906	.01992	.15081	83.065
#3	.00378	-.00040	7.2630	.10755	.01964	.15154	80.709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1231	8.6629	.06551	-.00254	.07734	.23285	.29149
Stddev	.0010	.1038	.00077	.00042	.00411	.00110	.00482
%RSD	.08522	1.1983	1.1686	16.653	5.3171	.47148	1.6534

#1	1.1221	8.5487	.06532	-.00301	.07810	.23346	.29271
#2	1.1231	8.6882	.06636	-.00239	.07291	.23351	.29557
#3	1.1241	8.7517	.06487	-.00220	.08103	.23159	.28617

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8218	.00708	.05737	1.9850	4.4952	.02853	.57531
Stddev	.0237	.00002	.00478	.0126	.0211	.00030	.00406
%RSD	.83851	.25637	8.3383	.63350	.46859	1.0644	.70594

#1	2.7995	.00706	.05304	1.9773	4.4713	.02852	.57144
#2	2.8193	.00708	.06251	1.9995	4.5111	.02884	.57495
#3	2.8466	.00710	.05657	1.9782	4.5031	.02823	.57954

Sample Name: J6553-20 Acquired: 12/28/2018 20:42:50 Type: Unk
 Method: P4-ICP2(v2688) 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	.04336	6.864	-.05489	1.9078	F<.00000
Stddev	.00020	.055	.00144	.0563	.12779
%RSD	.45607	.8048	2.6204	2.9512	1.5132
#1	.04314	6.819	-.05522	1.8695	-8.5090
#2	.04340	6.926	-.05614	1.8813	-8.5279
#3	.04353	6.848	-.05332	1.9724	-8.2977
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.5	50999.	4940.5	109.72	3971.3
Stddev	18.4	85.	16.0	1.73	15.9
%RSD	.48800	.16640	.32370	1.5768	.40060
#1	3756.3	51038.	4952.6	109.04	3965.2
#2	3755.4	50902.	4922.4	108.43	3959.3
#3	3787.7	51058.	4946.7	111.69	3989.3

Sample Name: J6553-21 Acquired: 12/28/2018 20:46:44 Type: Unk
Method: P4-ICP2(v2688) 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	.27793	-.00485	55.435	.01482	F 23.483	108.18	.46837
Stddev	.00156	.00037	.089	.00105	.047	.43	.00028
%RSD	.56077	7.7029	.16071	7.1050	.20043	.39898	.06065

#1	.27874	-.00528	55.406	.01397	23.507	107.71	.46854
#2	.27613	-.00469	55.363	.01600	23.428	108.56	.46804
#3	.27891	-.00458	55.535	.01450	23.512	108.27	.46853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	.01189	23.105	.22415	.15614	.13325	58.510
Stddev	.00009	.00008	.035	.00155	.00025	.00030	.226
%RSD	3.1593	.67608	.15269	.69365	.15984	.22789	.38601

#1	.00268	.01191	23.073	.22355	.15621	.13343	58.312
#2	.00284	.01180	23.100	.22591	.15586	.13342	58.756
#3	.00282	.01195	23.143	.22298	.15635	.13290	58.462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0867	7.1165	.10803	-.00054	.28581	.18506	.55107
Stddev	.0036	.0346	.00047	.00011	.00332	.00144	.00048
%RSD	.17087	.48581	.43065	20.450	1.1605	.77603	.08793

#1	2.0854	7.1234	.10840	-.00055	.28661	.18407	.55085
#2	2.0907	7.0790	.10751	-.00043	.28865	.18671	.55162
#3	2.0840	7.1471	.10818	-.00065	.28216	.18440	.55073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7540	.05811	.05428	F 11.241	1.6311	.02968	.69250
Stddev	.0302	.00029	.00260	.034	.0048	.00018	.00567
%RSD	1.0980	.50464	4.7921	.30567	.29206	.60001	.81903

#1	2.7465	.05834	.05451	11.254	1.6257	.02989	.69537
#2	2.7282	.05778	.05157	11.202	1.6347	.02955	.68597
#3	2.7873	.05822	.05675	11.268	1.6329	.02962	.69617

Sample Name: J6553-21 Acquired: 12/28/2018 20:46:44 Type: Unk
Method: P4-ICP2(v2688) 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	.02750	4.885	.04807	2.3770	F<.00000
Stddev	.00057	.009	.00031	.1259	.53350
%RSD	2.0666	.1863	.64728	5.2948	26.711
#1	.02729	4.894	.04773	2.5223	-1.4105
#2	.02815	4.876	.04812	2.3016	-2.1285
#3	.02707	4.886	.04835	2.3071	-2.4530
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3694.6	50026.	4932.7	108.63	3821.9
Stddev	2.3	150.	22.8	.33	1.6
%RSD	.06131	.29957	.46161	.30818	.04089
#1	3696.4	49960.	4906.5	108.54	3822.9
#2	3695.3	49919.	4943.5	108.34	3820.1
#3	3692.0	50197.	4948.1	108.99	3822.7

Sample Name: J6553-22 Acquired: 12/28/2018 20:50:44 Type: Unk
Method: P4-ICP2(v2688) 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	.08455	-.00348	25.331	.01407	1.8258	80.684	.29275
Stddev	.00117	.00024	.035	.00284	.0034	2.435	.00165
%RSD	1.3884	6.9827	.13669	20.189	.18462	3.0182	.56236

#1	.08439	-.00360	25.360	.01079	1.8297	81.544	.29180
#2	.08580	-.00320	25.341	.01577	1.8243	77.936	.29180
#3	.08347	-.00363	25.293	.01565	1.8234	82.574	.29465

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	.00229	4.1054	.13163	.08998	.12081	74.066
Stddev	.00013	.00012	.0116	.00510	.00016	.00177	.207
%RSD	3.3271	5.0727	.28311	3.8730	.17367	1.4633	.27980

#1	.00387	.00225	4.0920	.13287	.08988	.11879	74.295
#2	.00368	.00242	4.1121	.12602	.08990	.12157	74.008
#3	.00392	.00220	4.1121	.13599	.09016	.12207	73.893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1444	6.2435	.07652	-.00172	.09077	.16212	.61265
Stddev	.0733	.0402	.00013	.00045	.00830	.00626	.00190
%RSD	3.4173	.64340	.16865	25.942	9.1428	3.8593	.31056

#1	2.1715	6.2569	.07645	-.00203	.09382	.16449	.61456
#2	2.0615	6.2754	.07667	-.00121	.08138	.15502	.61075
#3	2.2004	6.1984	.07644	-.00193	.09713	.16684	.61265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3559	.01549	.05280	2.9574	1.4771	.01670	1.9212
Stddev	.0186	.00005	.00494	.0072	.0174	.00039	.0028
%RSD	.78760	.32273	9.3615	.24317	1.1766	2.3162	.14387

#1	2.3724	.01550	.05447	2.9492	1.4723	.01643	1.9180
#2	2.3594	.01554	.05669	2.9628	1.4626	.01714	1.9231
#3	2.3358	.01544	.04724	2.9601	1.4963	.01653	1.9225

Sample Name: J6553-22 Acquired: 12/28/2018 20:50:44 Type: Unk
Method: P4-ICP2(v2688) 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	.03885	6.650	-.05022	2.2680	F<.00000
Stddev	.00166	.019	.00039	.3291	.61127
%RSD	4.2814	.2841	.76695	14.509	9.9385
#1	.03899	6.659	-.05066	2.4127	-6.7862
#2	.04044	6.663	-.05008	1.8914	-6.0982
#3	.03712	6.629	-.04993	2.4999	-5.5670
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3795.4	50528.	5014.5	110.78	3937.0
Stddev	3.8	1646.	46.5	.37	9.8
%RSD	.10071	3.2580	.92678	.33511	.24855
#1	3792.8	49886.	5029.8	110.36	3929.2
#2	3793.7	52398.	5051.4	111.06	3933.8
#3	3799.8	49299.	4962.3	110.92	3948.0

Sample Name: J6553-23 Acquired: 12/28/2018 20:54:35 Type: Unk
Method: P4-ICP2(v2688) 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	.06404	-.00266	3.0227	.01829	.16145	61.158	.36100
Stddev	.00234	.00023	.0060	.00243	.00101	.021	.00045
%RSD	3.6555	8.6215	.19677	13.303	.62489	.03437	.12465

#1	.06488	-.00242	3.0189	.02023	.16156	61.147	.36049
#2	.06140	-.00268	3.0197	.01907	.16039	61.145	.36122
#3	.06585	-.00288	3.0296	.01556	.16240	61.183	.36130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	-.00021	3.3457	.09386	.03388	.08286	80.786
Stddev	.00003	.00016	.0463	.00113	.00030	.00108	.851
%RSD	.68700	78.564	1.3835	1.2079	.89599	1.2993	1.0531

#1	.00461	-.00018	3.3153	.09262	.03422	.08162	81.085
#2	.00465	-.00038	3.3228	.09413	.03364	.08356	81.447
#3	.00467	-.00006	3.3990	.09484	.03378	.08341	79.826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8911	7.2698	.06041	-.00259	.05653	.15274	.37573
Stddev	.0023	.0607	.00036	.00023	.00192	.00279	.00360
%RSD	.11990	.83492	.59428	8.8769	3.4040	1.8264	.95767

#1	1.8893	7.2084	.06001	-.00275	.05833	.15038	.37665
#2	1.8904	7.2714	.06051	-.00270	.05676	.15200	.37877
#3	1.8937	7.3297	.06070	-.00233	.05450	.15582	.37176

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1251	.00388	.06554	.72195	4.4669	.01889	.98242
Stddev	.0215	.00024	.00573	.00498	.0279	.00045	.01646
%RSD	.68660	6.2427	8.7371	.68918	.62430	2.3768	1.6759

#1	3.1469	.00377	.06984	.71634	4.4441	.01890	.96543
#2	3.1243	.00416	.06776	.72582	4.4586	.01934	.98354
#3	3.1040	.00371	.05904	.72369	4.4980	.01844	.99830

Sample Name: J6553-23 Acquired: 12/28/2018 20:54:35 Type: Unk
Method: P4-ICP2(v2688) 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	.04965	8.201	-.06000	1.9922	F<.00000
Stddev	.00112	.006	.00098	.1852	.45177
%RSD	2.2529	.0775	1.6359	9.2975	5.3957

#1	.04950	8.196	-.06039	2.1583	-8.3983
#2	.05083	8.199	-.06073	2.0258	-8.8111
#3	.04861	8.208	-.05888	1.7925	-7.9086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3777.8	51220.	4907.1	108.07	3966.9
Stddev	3.0	81.	20.8	1.21	9.9
%RSD	.07822	.15806	.42390	1.1211	.24855

#1	3778.7	51135.	4930.2	107.50	3955.7
#2	3774.5	51230.	4901.1	107.24	3970.6
#3	3780.3	51296.	4889.9	109.46	3974.3

Sample Name: J6554-01 Acquired: 12/28/2018 20:58:31 Type: Unk
Method: P4-ICP2(v2688) 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	.05295	-.00088	.57954	.01748	.00593	52.388	.27515
Stddev	.00209	.00025	.00404	.00284	.00121	.180	.00441
%RSD	3.9478	28.105	.69773	16.231	20.375	.34280	1.6026

#1	.05315	-.00068	.57795	.01970	.00455	52.421	.27954
#2	.05493	-.00115	.57653	.01428	.00677	52.549	.27072
#3	.05077	-.00080	.58414	.01846	.00648	52.194	.27518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	-.00115	5.5062	.09347	.01931	.06311	76.204
Stddev	.00003	.00036	.0827	.00063	.00016	.00124	2.779
%RSD	.85001	31.337	1.5026	.67890	.83984	1.9715	3.6465

#1	.00411	-.00154	5.5959	.09305	.01914	.06167	79.095
#2	.00410	-.00083	5.4328	.09315	.01934	.06373	73.552
#3	.00405	-.00108	5.4898	.09420	.01946	.06391	75.965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2671	7.3407	.04702	-.00358	.07606	.12554	.24147
Stddev	.0028	.0683	.00030	.00018	.00769	.00129	.00862
%RSD	.22261	.93089	.63493	4.9212	10.113	1.0276	3.5700

#1	1.2691	7.4022	.04677	-.00344	.07511	.12528	.25013
#2	1.2683	7.2671	.04735	-.00378	.06888	.12439	.23289
#3	1.2638	7.3528	.04693	-.00353	.08418	.12693	.24138

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1093	.00352	.04670	.81684	1.5544	.01092	.33228
Stddev	.0179	.00013	.00429	.00638	.0360	.00066	.00420
%RSD	.43469	3.5720	9.1869	.78138	2.3172	6.0593	1.2645

#1	4.1226	.00354	.04490	.81278	1.5831	.01022	.33430
#2	4.0890	.00338	.04360	.81354	1.5140	.01099	.32745
#3	4.1165	.00363	.05159	.82420	1.5663	.01154	.33510

Sample Name: J6554-01 Acquired: 12/28/2018 20:58:31 Type: Unk
Method: P4-ICP2(v2688) 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	.04059	6.824	-.05415	2.1199	F<.00000
Stddev	.00100	.024	.00272	.1058	.02577
%RSD	2.4735	.3478	5.0270	4.9928	.36618
#1	.04112	6.814	-.05703	2.2252	-7.0681
#2	.03943	6.808	-.05162	2.1211	-7.0277
#3	.04122	6.851	-.05380	2.0135	-7.0201
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.4	50847.	4991.1	111.59	3966.5
Stddev	24.5	63.	79.6	4.12	23.7
%RSD	.65806	.12371	1.5958	3.6886	.59831
#1	3729.2	50777.	4919.2	107.46	3974.6
#2	3741.1	50900.	5076.7	115.69	3985.1
#3	3694.0	50863.	4977.3	111.63	3939.7

Sample Name: CCV10 Acquired: 12/28/2018 21:02:29 Type: Unk
Method: P4-ICP2(v2688) 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	4.9669	4.7673	4.8232	4.8696	4.9502	9.9757	9.7773	.24368
Stddev	.0213	.0122	.0114	.0020	.0112	.0665	.0729	.00165
%RSD	.42883	.25648	.23683	.04101	.22645	.66663	.74571	.67671
#1	4.9613	4.7553	4.8152	4.8691	4.9431	9.9931	9.7062	.24328
#2	4.9491	4.7668	4.8182	4.8679	4.9444	10.032	9.7739	.24549
#3	4.9905	4.7798	4.8363	4.8718	4.9631	9.9022	9.8519	.24227
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3643	25.840	1.0025	2.3754	1.2288	4.7855	2.4762	24.544
Stddev	.0067	.268	.0109	.0076	.0050	.0656	.0180	.424
%RSD	.28255	1.0355	1.0892	.31947	.40655	1.3711	.72512	1.7257
#1	2.3613	25.573	.99794	2.3684	1.2240	4.7395	2.4702	24.206
#2	2.3596	25.839	1.0150	2.3744	1.2283	4.8606	2.4963	24.406
#3	2.3719	26.109	.99465	2.3835	1.2340	4.7563	2.4619	25.019
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3473	1.2656	23.549	2.3646	2.4536	24.167	4.9888	4.8847
Stddev	.0057	.0120	.236	.0201	.0409	.232	.0208	.0557
%RSD	.24475	.94575	1.0030	.85044	1.6656	.96151	.41734	1.1406
#1	2.3434	1.2645	23.326	2.3553	2.4276	23.918	4.9718	4.8330
#2	2.3445	1.2781	23.523	2.3877	2.5007	24.206	4.9826	4.8773
#3	2.3539	1.2543	23.797	2.3508	2.4324	24.377	5.0120	4.9437
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6195	4.9170	4.7710	4.8542	4.9036	4.778	5.1303	F 3.7328
Stddev	.0098	.0642	.0111	.0412	.0417	.013	.0468	.0972
%RSD	.21187	1.3057	.23176	.84924	.85038	.2731	.91150	2.6049
#1	4.6100	4.8440	4.7622	4.8253	4.8617	4.771	5.0812	3.7984
#2	4.6188	4.9423	4.7674	4.8359	4.9041	4.771	5.1354	3.7788
#3	4.6295	4.9646	4.7834	4.9014	4.9451	4.793	5.1743	3.6210

Sample Name: CCV10 Acquired: 12/28/2018 21:02:29 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8384
Stddev	.1201
%RSD	4.2308

#1	2.8636
#2	2.9440
#3	2.7078

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.7	46116.	4477.2	101.61	3655.2
Stddev	18.2	262.	42.8	1.47	16.3
%RSD	.52981	.56733	.95641	1.4499	.44519

#1	3441.7	46094.	4520.9	102.64	3661.4
#2	3442.7	45866.	4475.2	99.923	3667.5
#3	3410.7	46388.	4435.4	102.27	3636.8

Sample Name: CCB10 Acquired: 12/28/2018 21:06:08 Type: Unk
Method: P4-ICP2(v2688) 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	-.00195	.00148	F .00829	.00130	-.00112	-.00707	.00174
Stddev	.00172	.00065	.00135	.00021	.00057	.00555	.00118
%RSD	88.014	43.945	16.294	16.537	51.342	78.603	68.150

#1	.00003	.00136	.00985	.00128	-.00088	-.00865	.00049
#2	-.00298	.00218	.00744	.00109	-.00177	-.01166	.00187
#3	-.00290	.00090	.00758	.00152	-.00070	-.00089	.00285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00006	.01034	-.00027	.00005	-.00009	.00650
Stddev	.00000	.00003	.00585	.00003	.00017	.00022	.00154
%RSD	21.415	49.520	56.615	10.833	326.92	240.73	23.730

#1	.00001	.00002	.01018	-.00026	.00023	-.00010	.00641
#2	.00002	.00008	.00457	-.00024	-.00011	.00013	.00500
#3	.00001	.00007	.01627	-.00030	.00003	-.00031	.00809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.01550	.00077	-.00022	-.01214	-.00016	-.00013
Stddev	.00005	.01942	.00026	.00041	.00419	.00038	.00005
%RSD	30.809	125.30	34.013	192.01	34.530	233.17	42.342

#1	.00020	.00878	.00107	-.00012	-.01300	-.00000	-.00018
#2	.00011	.03739	.00057	.00014	-.00759	-.00059	-.00007
#3	.00021	.00033	.00067	-.00067	-.01584	.00011	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02176	.00010	.00039	-.00181	.00406	.00004	.00309
Stddev	.02420	.00029	.00251	.00190	.00334	.00046	.00088
%RSD	111.22	276.07	639.66	105.09	82.158	1086.1	28.477

#1	.04969	-.00012	-.00026	-.00062	.00791	.00057	.00233
#2	.00675	.00043	-.00173	-.00080	.00213	-.00016	.00405
#3	.00885	.00001	.00317	-.00400	.00214	-.00028	.00288

Sample Name: CCB10 Acquired: 12/28/2018 21:06:08 Type: Unk
Method: P4-ICP2(v2688) 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	-.00073	-.0013	.00000	F 2.6615	F<.00000
Stddev	.00067	.0013	.00005	.1602	.37338
%RSD	91.632	105.4	1293.5	6.0187	195.32
#1	-.00137	.0003	-.00000	2.7520	.18826
#2	-.00078	-.0018	-.00004	2.4766	-.20357
#3	-.00004	-.0022	.00006	2.7560	-.55819
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.7	48722.	4534.7	106.48	4155.5
Stddev	16.4	333.	21.3	1.45	16.8
%RSD	.45698	.68289	.46931	1.3613	.40496
#1	3584.5	48446.	4538.5	105.78	4142.8
#2	3588.1	49091.	4511.8	105.52	4149.2
#3	3614.6	48628.	4553.8	108.15	4174.6

Sample Name: J6554-02 Acquired: 12/28/2018 21:10:18 Type: Unk
Method: P4-ICP2(v2688) 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	.05597	-.00387	13.747	.02377	.06305	52.600	.44691
Stddev	.00103	.00124	.058	.00160	.00071	.245	.00151
%RSD	1.8391	31.921	.42293	6.7379	1.1324	.46562	.33737

#1	.05564	-.00248	13.728	.02402	.06287	52.523	.44828
#2	.05515	-.00427	13.813	.02206	.06383	52.875	.44717
#3	.05713	-.00485	13.701	.02524	.06244	52.404	.44529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00384	.00428	64.572	.11703	.02264	.45978	99.917
Stddev	.00002	.00023	.169	.00051	.00010	.00280	1.603
%RSD	.50179	5.4043	.26222	.43519	.45394	.60937	1.6044

#1	.00385	.00443	64.748	.11726	.02264	.46261	98.480
#2	.00382	.00440	64.559	.11644	.02254	.45971	99.625
#3	.00386	.00402	64.410	.11738	.02274	.45701	101.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4427	30.634	.07322	.00120	.36086	.17398	.84286
Stddev	.0019	.152	.00023	.00042	.00894	.00079	.01431
%RSD	.12798	.49456	.30996	35.048	2.4777	.45335	1.6974

#1	1.4412	30.792	.07347	.00167	.35745	.17310	.82995
#2	1.4421	30.490	.07304	.00088	.35414	.17464	.84038
#3	1.4448	30.620	.07315	.00103	.37101	.17419	.85824

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0291	.00805	.08577	3.8868	1.5365	.06158	.58986
Stddev	.0373	.00022	.00133	.0115	.0070	.00058	.00093
%RSD	.74139	2.7344	1.5550	.29462	.45337	.94004	.15733

#1	5.0698	.00828	.08423	3.8770	1.5416	.06111	.59019
#2	4.9966	.00804	.08644	3.8994	1.5286	.06223	.58881
#3	5.0208	.00784	.08663	3.8840	1.5393	.06139	.59058

Sample Name: J6554-02 Acquired: 12/28/2018 21:10:18 Type: Unk
 Method: P4-ICP2(v2688) 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	.04471	6.116	.01473	2.2851	F<.00000
Stddev	.00101	.014	.00185	.1232	1.5056
%RSD	2.2554	.2344	12.546	5.3910	12.919

#1	.04480	6.108	.01629	2.3200	-13.042
#2	.04567	6.133	.01520	2.3870	-11.868
#3	.04366	6.108	.01269	2.1482	-10.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.1	49339.	4883.5	107.25	3762.8
Stddev	13.7	116.	20.5	1.64	13.6
%RSD	.38166	.23560	.42004	1.5269	.36181

#1	3585.1	49274.	4860.3	108.62	3756.6
#2	3596.6	49271.	4890.8	107.68	3753.4
#3	3612.5	49473.	4899.4	105.44	3778.5

Sample Name: J6554-03 Acquired: 12/28/2018 21:14:13 Type: Unk
Method: P4-ICP2(v2688) 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	.04770	.00010	1.5812	.01693	.01781	46.910	.36612
Stddev	.00134	.00150	.0032	.00020	.00224	.137	.00600
%RSD	2.8044	1494.9	.19960	1.2099	12.568	.29303	1.6387

#1	.04828	.00178	1.5778	.01671	.01800	46.796	.36947
#2	.04617	-.00037	1.5840	.01711	.01995	46.872	.36970
#3	.04865	-.00111	1.5818	.01697	.01548	47.063	.35920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	.00061	16.916	.09984	.01942	.15907	77.115
Stddev	.00006	.00012	.258	.00057	.00041	.00049	1.154
%RSD	1.5175	20.194	1.5252	.57325	2.0998	.30935	1.4959

#1	.00382	.00047	17.044	.10043	.01987	.15868	78.434
#2	.00384	.00068	17.086	.09928	.01910	.15962	76.611
#3	.00393	.00069	16.619	.09982	.01928	.15892	76.299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2911	9.2614	.06127	-.00269	.24399	.17161	.45067
Stddev	.0007	.1264	.00017	.00019	.00180	.00081	.00721
%RSD	.05683	1.3644	.28206	7.0553	.73818	.47039	1.6002

#1	1.2919	9.3158	.06142	-.00257	.24356	.17084	.45865
#2	1.2904	9.3514	.06108	-.00259	.24596	.17155	.44874
#3	1.2910	9.1169	.06129	-.00291	.24244	.17245	.44461

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2643	.00594	.06243	2.4412	1.4684	.02681	.37308
Stddev	.0142	.00003	.00488	.0062	.0367	.00044	.00210
%RSD	.43430	.54805	7.8184	.25440	2.5001	1.6509	.56386

#1	3.2752	.00597	.06554	2.4367	1.4843	.02635	.37536
#2	3.2694	.00591	.06494	2.4483	1.4945	.02687	.37120
#3	3.2482	.00596	.05680	2.4386	1.4264	.02723	.37268

Sample Name: J6554-03 Acquired: 12/28/2018 21:14:13 Type: Unk
Method: P4-ICP2(v2688) 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	.03854	6.207	.00305	2.3255	F<.00000
Stddev	.00111	.011	.00114	.0188	.18964
%RSD	2.8731	.1729	37.410	.80924	3.0349
#1	.03922	6.196	.00174	2.3319	-6.0398
#2	.03914	6.217	.00358	2.3043	-6.2956
#3	.03726	6.208	.00382	2.3403	-6.4103
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.0	49857.	4858.2	108.30	3905.7
Stddev	5.8	35.	81.2	1.78	3.6
%RSD	.15985	.06997	1.6724	1.6430	.09160
#1	3650.5	49883.	4802.4	106.33	3902.0
#2	3659.0	49870.	4820.9	108.79	3905.8
#3	3661.7	49817.	4951.4	109.79	3909.2

Sample Name: J6554-04 Acquired: 12/28/2018 21:18:07 Type: Unk
Method: P4-ICP2(v2688) 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	.08187	-.00032	3.0970	.03119	.02258	54.194	.30332
Stddev	.00110	.00038	.0021	.00167	.00021	1.093	.00179
%RSD	1.3495	118.18	.06905	5.3545	.91915	2.0172	.58887

#1	.08301	-.00065	3.0980	.02965	.02253	53.146	.30463
#2	.08080	.00009	3.0984	.03296	.02280	55.328	.30405
#3	.08179	-.00041	3.0945	.03095	.02239	54.107	.30129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00549	-.00215	6.2584	.29901	.02120	.16057	153.29
Stddev	.00021	.00011	.0070	.00851	.00005	.00051	1.13
%RSD	3.8586	5.2818	.11142	2.8469	.23042	.32044	.73960

#1	.00535	-.00228	6.2569	.29006	.02121	.16001	154.36
#2	.00574	-.00209	6.2660	.30700	.02115	.16101	153.40
#3	.00539	-.00208	6.2523	.29997	.02125	.16070	152.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3508	7.8546	.04917	-.00515	.06277	.17809	.35478
Stddev	.0280	.0247	.00067	.00117	.00699	.00568	.00469
%RSD	2.0743	.31464	1.3536	22.828	11.135	3.1897	1.3207

#1	1.3257	7.8445	.04869	-.00395	.05470	.17234	.35981
#2	1.3810	7.8828	.04993	-.00630	.06670	.18370	.35399
#3	1.3456	7.8366	.04887	-.00518	.06690	.17821	.35054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2344	.00669	.09467	1.0862	1.3066	.03203	.32507
Stddev	.0188	.00003	.00307	.0033	.0162	.00027	.00385
%RSD	.44368	.45737	3.2395	.30263	1.2414	.85742	1.1857

#1	4.2444	.00666	.09319	1.0878	1.2908	.03171	.32158
#2	4.2460	.00672	.09819	1.0883	1.3059	.03217	.32442
#3	4.2127	.00668	.09262	1.0824	1.3232	.03221	.32921

Sample Name: J6554-04 Acquired: 12/28/2018 21:18:07 Type: Unk
 Method: P4-ICP2(v2688) 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	.04459	7.870	-.13233	1.8663	F<.00000
Stddev	.00115	.012	.00128	.1004	.88528
%RSD	2.5779	.1463	.96512	5.3785	2.4252
#1	.04591	7.859	-.13355	1.7796	-35.508
#2	.04380	7.882	-.13244	1.9763	-36.799
#3	.04406	7.869	-.13100	1.8432	-37.203
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.4	49752.	4875.9	107.71	3865.3
Stddev	2.0	863.	33.9	1.33	5.3
%RSD	.05588	1.7346	.69564	1.2320	.13640
#1	3659.0	50571.	4842.6	106.24	3859.2
#2	3662.8	48851.	4874.5	108.06	3868.2
#3	3662.3	49833.	4910.4	108.82	3868.4

Sample Name: J6554-05 Acquired: 12/28/2018 21:22:03 Type: Unk
Method: P4-ICP2(v2688) 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	.06001	-.00089	.33780	.01855	.00585	54.867	.32083
Stddev	.00083	.00054	.00071	.00190	.00102	.035	.00330
%RSD	1.3804	60.381	.21159	10.263	17.523	.06353	1.0279

#1	.05991	-.00031	.33719	.02073	.00620	54.832	.32464
#2	.05923	-.00099	.33763	.01776	.00666	54.867	.31911
#3	.06088	-.00137	.33858	.01717	.00470	54.901	.31875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	-.00180	1.7369	.09481	.02144	.05288	88.581
Stddev	.00006	.00042	.0215	.00012	.00009	.00139	2.725
%RSD	1.4429	23.217	1.2361	.12903	.40655	2.6346	3.0762

#1	.00445	-.00228	1.7617	.09468	.02134	.05136	91.640
#2	.00449	-.00159	1.7242	.09486	.02146	.05318	87.689
#3	.00437	-.00153	1.7248	.09491	.02151	.05410	86.413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4812	7.5934	.05057	-.00344	.05004	.11368	.21616
Stddev	.0013	.0737	.00063	.00056	.00852	.00046	.00689
%RSD	.08505	.97126	1.2383	16.184	17.028	.40772	3.1867

#1	1.4799	7.6503	.04998	-.00280	.04321	.11421	.22355
#2	1.4824	7.5101	.05049	-.00371	.05959	.11339	.21499
#3	1.4814	7.6198	.05123	-.00381	.04733	.11343	.20993

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8887	.00382	.06418	.60762	1.5540	.01077	.29770
Stddev	.0230	.00005	.00126	.00461	.0192	.00051	.00383
%RSD	.79699	1.2080	1.9570	.75877	1.2323	4.7128	1.2853

#1	2.9067	.00383	.06551	.60798	1.5760	.01051	.30204
#2	2.8967	.00377	.06401	.61205	1.5456	.01045	.29481
#3	2.8627	.00386	.06301	.60285	1.5405	.01136	.29625

Sample Name: J6554-05 Acquired: 12/28/2018 21:22:03 Type: Unk
Method: P4-ICP2(v2688) 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	.04662	7.452	-.07915	2.2152	F<.00000
Stddev	.00131	.028	.00273	.0492	.30233
%RSD	2.8117	.3714	3.4504	2.2213	2.6890
#1	.04630	7.454	-.08221	2.1805	-11.020
#2	.04550	7.423	-.07828	2.2716	-11.587
#3	.04806	7.478	-.07695	2.1936	-11.122
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3722.8	50466.	4892.3	108.39	3939.6
Stddev	3.8	82.	38.9	3.51	1.9
%RSD	.10285	.16230	.79566	3.2407	.04733
#1	3726.8	50511.	4852.1	104.55	3938.9
#2	3722.4	50371.	4895.1	109.19	3941.7
#3	3719.2	50514.	4929.8	111.43	3938.2

Sample Name: J6554-06 Acquired: 12/28/2018 21:26:03 Type: Unk
Method: P4-ICP2(v2688) 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	.05308	-.00232	21.231	.01744	.06328	51.159	.44447
Stddev	.00124	.00057	.109	.00240	.00081	1.272	.00288
%RSD	2.3283	24.409	.51357	13.739	1.2827	2.4861	.64798

#1	.05429	-.00287	21.257	.01554	.06414	52.548	.44125
#2	.05314	-.00236	21.111	.01666	.06252	50.051	.44535
#3	.05182	-.00174	21.325	.02013	.06319	50.878	.44681

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00357	.00395	34.147	.09730	.02092	.15213	86.193
Stddev	.00018	.00010	.221	.00340	.00020	.00131	.787
%RSD	4.9883	2.5415	.64829	3.4908	.95570	.86098	.91303

#1	.00372	.00403	34.023	.10094	.02095	.15207	85.917
#2	.00337	.00398	34.015	.09422	.02071	.15346	85.581
#3	.00361	.00383	34.402	.09675	.02111	.15085	87.080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6717	16.850	.06615	-.00239	.15143	.14239	.66661
Stddev	.0508	.235	.00022	.00019	.00283	.00357	.00388
%RSD	3.0401	1.3965	.32973	7.9690	1.8686	2.5100	.58279

#1	1.7283	16.752	.06595	-.00256	.15316	.14647	.66794
#2	1.6301	16.680	.06612	-.00242	.14817	.13978	.66223
#3	1.6566	17.119	.06638	-.00219	.15297	.14094	.66965

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5523	.00558	.06513	3.2164	1.6275	.03869	.45020
Stddev	.0270	.00021	.00960	.0171	.0162	.00034	.00131
%RSD	.59312	3.7557	14.738	.53332	.99730	.87177	.28988

#1	4.5266	.00577	.06419	3.2305	1.6192	.03908	.45168
#2	4.5498	.00561	.05604	3.1973	1.6171	.03844	.44921
#3	4.5805	.00535	.07517	3.2214	1.6462	.03856	.44972

Sample Name: J6554-06 Acquired: 12/28/2018 21:26:03 Type: Unk
 Method: P4-ICP2(v2688) 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	.04322	6.873	-.01311	1.9516	F<.00000
Stddev	.00089	.022	.00039	.3216	.41857
%RSD	2.0698	.3203	3.0122	16.480	5.1523
#1	.04425	6.888	-.01297	2.3180	-7.7185
#2	.04278	6.848	-.01280	1.7159	-8.0987
#3	.04263	6.884	-.01355	1.8209	-8.5545
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.3	50850.	4888.3	107.40	3837.1
Stddev	8.3	1369.	15.5	.68	20.9
%RSD	.22560	2.6927	.31690	.63433	.54361
#1	3689.9	49310.	4900.0	107.14	3830.4
#2	3675.9	51932.	4894.1	108.17	3860.5
#3	3675.1	51307.	4870.7	106.88	3820.5

Sample Name: J6554-07 Acquired: 12/28/2018 21:29:57 Type: Unk
 Method: P4-ICP2(v2688) 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	.04315	-.00239	12.742	.01998	.04262	52.930	.47571
Stddev	.00126	.00072	.053	.00160	.00046	.487	.00190
%RSD	2.9257	30.326	.41456	7.9872	1.0904	.92059	.39854

#1	.04292	-.00172	12.681	.01889	.04224	52.773	.47559
#2	.04201	-.00229	12.769	.01923	.04249	53.476	.47767
#3	.04451	-.00315	12.775	.02181	.04314	52.540	.47388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.00333	71.296	.14695	.02909	.20442	101.04
Stddev	.00006	.00005	.136	.00104	.00020	.00120	.59
%RSD	1.6654	1.4122	.19077	.70641	.68451	.58872	.58538

#1	.00356	.00338	71.139	.14641	.02887	.20554	100.92
#2	.00350	.00329	71.369	.14814	.02926	.20457	101.68
#3	.00344	.00333	71.380	.14629	.02914	.20315	100.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7084	23.933	.08641	-.00250	.43340	.16531	.79902
Stddev	.0177	.165	.00050	.00018	.01242	.00081	.00576
%RSD	1.0392	.68897	.58362	7.1702	2.8647	.49149	.72071

#1	1.7103	24.067	.08643	-.00267	.44735	.16496	.80094
#2	1.7251	23.749	.08691	-.00252	.42929	.16624	.80357
#3	1.6898	23.983	.08590	-.00231	.42357	.16473	.79254

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8091	.01119	.08648	3.9416	1.5892	.02934	.49867
Stddev	.0349	.00010	.00288	.0082	.0101	.00094	.00224
%RSD	.60031	.85731	3.3255	.20720	.63895	3.2069	.44992

#1	5.8488	.01129	.08456	3.9467	1.6000	.02839	.49813
#2	5.7831	.01110	.08509	3.9322	1.5799	.03028	.49675
#3	5.7956	.01117	.08979	3.9459	1.5877	.02935	.50114

Sample Name: J6554-07 Acquired: 12/28/2018 21:29:57 Type: Unk
 Method: P4-ICP2(v2688) 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	.05293	6.578	.24781	2.1997	F<.00000
Stddev	.00101	.014	.00048	.1480	.14358
%RSD	1.9000	.2172	.19221	6.7292	1.2626
#1	.05189	6.593	.24727	2.2280	-11.315
#2	.05389	6.574	.24799	2.3316	-11.534
#3	.05300	6.565	.24817	2.0396	-11.264
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.8	49873.	4934.8	106.51	3699.4
Stddev	5.0	503.	10.9	.80	7.1
%RSD	.13832	1.0085	.22168	.75489	.19090
#1	3621.7	49779.	4924.6	106.08	3707.5
#2	3612.2	49424.	4933.5	106.01	3695.5
#3	3619.6	50416.	4946.4	107.44	3695.1

Sample Name: J6554-08 Acquired: 12/28/2018 21:33:51 Type: Unk
Method: P4-ICP2(v2688) 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	.03958	-.00099	1.6383	.01307	.00831	53.201	.33149
Stddev	.00103	.00071	.0205	.00276	.00104	.636	.00354
%RSD	2.6121	71.283	1.2511	21.116	12.458	1.1959	1.0692

#1	.03942	-.00136	1.6577	.01053	.00907	52.849	.33512
#2	.04068	-.00018	1.6403	.01267	.00873	52.818	.32804
#3	.03863	-.00143	1.6168	.01601	.00713	53.935	.33132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	-.00090	10.997	.07868	.01978	.06136	67.734
Stddev	.00004	.00024	.120	.00080	.00015	.00078	1.621
%RSD	1.0466	26.797	1.0882	1.0226	.77927	1.2788	2.3934

#1	.00373	-.00072	11.135	.07843	.01992	.06216	67.191
#2	.00377	-.00117	10.936	.07804	.01979	.06134	69.558
#3	.00381	-.00081	10.920	.07959	.01962	.06059	66.455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3926	8.5775	.04766	-.00362	.07203	.10749	.23147
Stddev	.0156	.0566	.00076	.00062	.00515	.00130	.00630
%RSD	1.1196	.65936	1.5957	17.100	7.1524	1.2127	2.7201

#1	1.3848	8.5277	.04798	-.00341	.06638	.10658	.23100
#2	1.3825	8.6390	.04821	-.00313	.07324	.10689	.23799
#3	1.4106	8.5659	.04679	-.00431	.07647	.10898	.22542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1421	.00245	.04593	.64760	1.3703	.00891	.29629
Stddev	.0043	.00008	.00355	.00639	.0074	.00053	.00115
%RSD	.13584	3.1327	7.7248	.98648	.53723	5.9137	.38932

#1	3.1469	.00254	.04687	.65244	1.3781	.00938	.29499
#2	3.1406	.00242	.04890	.64999	1.3635	.00900	.29719
#3	3.1387	.00241	.04200	.64036	1.3695	.00834	.29668

Sample Name: J6554-08 Acquired: 12/28/2018 21:33:51 Type: Unk
 Method: P4-ICP2(v2688) 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	.04304	5.901	-.00154	2.4813	F<.00000
Stddev	.00123	.052	.00159	.1027	.20878
%RSD	2.8686	.8745	103.08	4.1384	5.3552
#1	.04167	5.947	-.00096	2.4794	-3.7023
#2	.04340	5.912	-.00333	2.3795	-4.1180
#3	.04406	5.845	-.00032	2.5849	-3.8759
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3689.1	49753.	4894.6	108.87	3922.7
Stddev	26.3	366.	59.4	2.70	36.0
%RSD	.71190	.73567	1.2136	2.4829	.91782
#1	3669.4	49804.	4828.7	109.12	3891.5
#2	3679.1	50091.	4911.1	106.05	3914.7
#3	3718.9	49364.	4943.9	111.44	3962.1

Sample Name: J6554-08DUP Acquired: 12/28/2018 21:37:49 Type: Unk
Method: P4-ICP2(v2688) 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	.03931	-.00028	1.5282	.01358	.00979	52.193	.32132
Stddev	.00189	.00095	.0028	.00022	.00123	.280	.00600
%RSD	4.8023	343.46	.18591	1.5897	12.527	.53720	1.8665

#1	.04127	.00061	1.5261	.01381	.00861	51.907	.32020
#2	.03750	-.00016	1.5269	.01339	.01106	52.205	.31596
#3	.03916	-.00128	1.5314	.01352	.00970	52.468	.32780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.00090	10.900	.07849	.01958	.06205	66.978
Stddev	.00003	.00021	.220	.00043	.00007	.00089	1.655
%RSD	.93644	22.894	2.0205	.54341	.34054	1.4318	2.4704

#1	.00368	-.00092	10.791	.07897	.01954	.06147	67.477
#2	.00364	-.00069	10.756	.07832	.01955	.06307	65.131
#3	.00371	-.00110	11.154	.07817	.01966	.06161	68.325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3674	8.4668	.04735	-.00305	.07499	.10646	.23361
Stddev	.0091	.1362	.00008	.00060	.00766	.00033	.00563
%RSD	.66756	1.6087	.17223	19.775	10.214	.31317	2.4115

#1	1.3594	8.4636	.04742	-.00291	.08205	.10657	.23404
#2	1.3654	8.3322	.04737	-.00371	.06685	.10673	.22778
#3	1.3773	8.6046	.04726	-.00253	.07607	.10609	.23902

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1075	.00232	.04192	.63384	1.3517	.00983	.29045
Stddev	.0309	.00016	.00299	.00353	.0182	.00057	.00087
%RSD	.99603	6.7928	7.1254	.55685	1.3457	5.7934	.29830

#1	3.0733	.00214	.03900	.62981	1.3606	.00944	.28963
#2	3.1156	.00236	.04497	.63536	1.3307	.01048	.29037
#3	3.1336	.00245	.04178	.63636	1.3636	.00956	.29136

Sample Name: J6554-08DUP Acquired: 12/28/2018 21:37:49 Type: Unk
Method: P4-ICP2(v2688) 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	.04348	5.818	-.00158	2.2650	F<.00000
Stddev	.00201	.016	.00166	.1099	.22606
%RSD	4.6343	.2808	105.17	4.8503	6.2456
#1	.04369	5.800	-.00277	2.1466	-3.8661
#2	.04137	5.821	.00032	2.2847	-3.4220
#3	.04538	5.832	-.00228	2.3636	-3.5706
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.5	50020.	4849.7	108.80	3929.9
Stddev	13.5	288.	86.7	2.80	7.2
%RSD	.36538	.57488	1.7879	2.5729	.18271
#1	3671.0	50256.	4870.5	108.33	3926.7
#2	3697.3	50103.	4924.1	111.80	3938.1
#3	3679.3	49700.	4754.4	106.26	3924.9

Sample Name: J6554-08LX5 Acquired: 12/28/2018 21:41:48 Type: Unk
Method: P4-ICP2(v2688) 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	.00765	.00102	.32953	.00393	.00060	10.923	.07120	.00082
Stddev	.00040	.00137	.00205	.00024	.00137	.064	.00047	.00007
%RSD	5.2286	134.68	.62227	6.1644	228.07	.58623	.66542	8.9169

#1	.00765	.00212	.32810	.00382	.00201	10.849	.07096	.00073
#2	.00804	.00144	.33188	.00421	-.00071	10.960	.07175	.00087
#3	.00724	-.00051	.32862	.00376	.00049	10.960	.07090	.00085

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	2.3973	.01653	.00419	.01379	13.974	.29618	1.8360
Stddev	.00007	.0169	.00019	.00006	.00019	.087	.00379	.0127
%RSD	47.005	.70565	1.1645	1.3868	1.3573	.62043	1.2795	.69170

#1	-.00021	2.4068	.01672	.00417	.01370	14.036	.29181	1.8407
#2	-.00007	2.3778	.01653	.00425	.01401	13.875	.29852	1.8216
#3	-.00017	2.4073	.01633	.00414	.01367	14.011	.29821	1.8457

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01007	-.00094	-.00595	.02251	.04866	.70785	.00043	.01051
Stddev	.00024	.00027	.01102	.00027	.00047	.01142	.00012	.00171
%RSD	2.3438	29.160	185.35	1.2007	.96658	1.6140	28.634	16.274

#1	.01011	-.00122	-.00739	.02222	.04912	.69724	.00057	.01096
#2	.01029	-.00092	.00573	.02255	.04818	.71994	.00032	.01196
#3	.00982	-.00067	-.01617	.02276	.04869	.70636	.00042	.00862

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12606	.39819	.00079	.06706	.00934	1.189	.00017	2.7744
Stddev	.00090	.00666	.00026	.00142	.00036	.005	.00004	.1968
%RSD	.71370	1.6732	33.319	2.1155	3.8319	.4582	22.759	7.0921

#1	.12710	.39501	.00101	.06849	.00975	1.189	.00014	2.5514
#2	.12552	.39371	.00087	.06566	.00916	1.194	.00015	2.8482
#3	.12556	.40585	.00050	.06704	.00911	1.183	.00021	2.9236

Sample Name: J6554-08LX5 Acquired: 12/28/2018 21:41:48 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6977
Stddev	.1138
%RSD	4.2194

#1	2.5799
#2	2.8071
#3	2.7061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.5	48741.	4589.8	108.23	4079.7
Stddev	20.2	417.	13.5	1.18	16.8
%RSD	.55940	.85559	.29466	1.0899	.41097

#1	3597.9	49220.	4584.7	107.07	4085.3
#2	3592.2	48454.	4605.2	109.43	4060.9
#3	3629.6	48550.	4579.6	108.19	4093.0

Sample Name: J6554-09 Acquired: 12/28/2018 21:45:49 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00731	k 1.9239	k 2.1781	k .02101	k -.00293	sF 2912400.
Stddev	.00001	.0276	.0320	.00007	.00001	6655.
%RSD	.20385	1.4364	1.4698	.34740	.28258	.22849

#1	k .00732	k 1.9116	k 2.1619	k .02095	k -.00293	s 2905000.
#2	k .00732	k 1.9045	k 2.1575	k .02109	k -.00294	s 2914700.
#3	k .00729	k 1.9555	k 2.2150	k .02098	k -.00292	s 2917700.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01413	sF 9365.8	k .19609	k .10168	sF 23549.	.21666
Stddev	.00002	41.3	.00282	.00069	59.	.00320
%RSD	.13848	.44052	1.4403	.68073	.24913	1.4749

#1	-.01412	s 9323.4	k .19478	k .10106	s 23512.	.21492
#2	-.01412	s 9368.1	k .19416	k .10243	s 23617.	.21471
#3	-.01415	s 9405.8	k .19933	k .10155	s 23519.	.22035

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00377	k 70.130	sF 78435.	.10311	k .52643	sF 1930.4
Stddev	.00000	1.692	225.	.00108	.00826	9.5
%RSD	.04592	2.4131	.28703	1.0458	1.5691	.49460

#1	k .00378	k 69.984	s 78193.	.10255	k .52328	s 1935.4
#2	k .00377	k 68.516	s 78473.	.10242	k .52022	s 1936.5
#3	k .00377	k 71.891	s 78638.	.10435	k .53581	s 1919.4

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10685	sF 18997.	k .44445	.39467	.00014	k -.00284
Stddev	.00008	12.	.01023	.00019	.00000	.00007
%RSD	.07802	.06056	2.3012	.04781	1.4860	2.3477

#1	-.10689	s 19003.	k .44375	.39450	.00014	k -.00279
#2	-.10691	s 19004.	k .43459	.39488	.00014	k -.00282
#3	-.10676	s 18984.	k .45501	.39464	.00014	k -.00292

Sample Name: J6554-09 Acquired: 12/28/2018 21:45:49 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .63386	k -.02039	k .07123	k .00952	-.01098	k 9.159
Stddev	.00836	.00006	.00064	.00005	.00001	.139
%RSD	1.3181	.28210	.90037	.49745	.05986	1.519

#1	k .62897	k -.02033	k .07090	k .00949	-.01098	k 9.084
#2	k .62911	k -.02038	k .07082	k .00957	-.01099	k 9.074
#3	k .64351	k -.02044	k .07197	k .00949	-.01099	k 9.320

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00264	<.00000	F<.00000
Stddev	.00001	7.4547	.57271
%RSD	.55195	.77628	.93079

#1	k .00264	-953.58	-61.128
#2	k .00266	-968.32	-62.185
#3	k .00263	-959.04	-61.274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	361700.	^ *****	519320.	105.16	3735.5
Stddev	899.	-----	2163.	2.42	53.3
%RSD	.24867	-----	.41650	2.3052	1.4267

#1	362320.	^ -----	518410.	105.05	3767.4
#2	360670.	^ -----	517760.	107.64	3765.1
#3	362110.	^ -----	521790.	102.79	3674.0

Sample Name: CCV11 Acquired: 12/28/2018 21:50:06 Type: Unk
Method: P4-ICP2(v2688) 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	4.9904	4.7911	4.8595	4.8879	4.9766	9.8988	9.7322	.24285
Stddev	.0405	.0306	.0319	.0373	.0411	.2313	.2384	.00369
%RSD	.81071	.63899	.65750	.76284	.82485	2.3364	2.4491	1.5210
#1	4.9787	4.7786	4.8507	4.8758	4.9670	9.6581	9.7256	.23886
#2	4.9571	4.7688	4.8328	4.8582	4.9412	10.119	9.4973	.24616
#3	5.0355	4.8260	4.8949	4.9298	5.0216	9.9189	9.9739	.24351
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3824	25.857	.99835	2.3929	1.2336	4.7951	2.4713	24.683
Stddev	.0178	.569	.01522	.0182	.0107	.1131	.0367	.489
%RSD	.74665	2.2019	1.5248	.75997	.86852	2.3586	1.4852	1.9792
#1	2.3761	25.494	.98107	2.3869	1.2332	4.7546	2.4306	24.331
#2	2.3685	25.564	1.0098	2.3785	1.2232	4.7078	2.5020	24.477
#3	2.4024	26.514	1.0042	2.4133	1.2446	4.9228	2.4811	25.241
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3637	1.2625	23.468	2.3499	2.4602	24.125	5.0255	4.9062
Stddev	.0169	.0200	.578	.0337	.0789	.570	.0442	.0813
%RSD	.71310	1.5856	2.4626	1.4358	3.2066	2.3627	.87865	1.6579
#1	2.3591	1.2404	23.449	2.3127	2.4575	24.065	5.0150	4.8660
#2	2.3497	1.2793	22.901	2.3785	2.3828	23.588	4.9875	4.8529
#3	2.3824	1.2679	24.056	2.3585	2.5405	24.723	5.0739	4.9999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6253	4.9247	4.8115	4.8765	4.8812	4.804	5.1024	F 3.7844
Stddev	.0409	.1326	.0323	.0715	.1275	.026	.1398	.1532
%RSD	.88381	2.6934	.67194	1.4657	2.6117	.5507	2.7403	4.0472
#1	4.6053	4.8888	4.7976	4.8423	4.8685	4.794	5.0824	3.6133
#2	4.5982	4.8137	4.7884	4.8285	4.7606	4.784	4.9737	3.9089
#3	4.6723	5.0716	4.8484	4.9586	5.0146	4.834	5.2511	3.8309

Sample Name: CCV11 Acquired: 12/28/2018 21:50:06 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6018
Stddev .5031
%RSD 19.335

#1 3.0487
#2 2.6998
#3 2.0570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.5	46107.	4450.4	101.53	3633.9
Stddev	19.7	595.	111.9	2.97	19.6
%RSD	.57847	1.2902	2.5142	2.9250	.54001

#1	3409.7	46749.	4470.8	101.41	3638.7
#2	3432.0	45574.	4550.6	104.56	3650.6
#3	3392.6	46000.	4329.7	98.622	3612.3

Sample Name: CCB11 Acquired: 12/28/2018 21:53:52 Type: Unk
Method: P4-ICP2(v2688) 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	-.00096	.00155	F .00519	.00035	-.00109	-.00122	.00205	.00002
Stddev	.00162	.00087	.00111	.00180	.00105	.00586	.00067	.00003
%RSD	168.90	56.052	21.391	509.23	95.832	481.49	32.642	142.56
#1	.00038	.00176	.00639	-.00159	-.00199	.00548	.00134	.00006
#2	-.00276	.00229	.00498	.00196	-.00135	-.00374	.00214	.00002
#3	-.00050	.00059	.00420	.00069	.00006	-.00540	.00266	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00765	-.00023	.00003	-.00028	.00663	.00018	-.01090
Stddev	.00002	.00473	.00016	.00013	.00027	.00669	.00002	.01158
%RSD	53.000	61.768	71.283	501.15	98.016	100.85	11.217	106.21
#1	.00005	.00255	-.00039	.00017	-.00006	.00859	.00016	-.02221
#2	.00006	.01188	-.00022	-.00007	-.00020	-.00082	.00020	-.01143
#3	.00002	.00853	-.00007	-.00002	-.00059	.01212	.00018	.00093
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.00006	-.01979	.00011	-.00016	.01163	.00007	.00250
Stddev	.00010	.00053	.00141	.00013	.00009	.02047	.00011	.00352
%RSD	17.919	908.00	7.1134	112.06	54.821	176.03	147.30	140.59
#1	.00061	.00060	-.01817	.00017	-.00015	.00071	.00020	.00425
#2	.00045	.00004	-.02049	.00020	-.00025	.03524	.00004	-.00155
#3	.00064	-.00046	-.02071	-.00003	-.00008	-.00107	-.00002	.00481
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00445	.00224	.00098	.00332	.00008	-.0005	-.00003	F 2.8088
Stddev	.00302	.00141	.00088	.00124	.00153	.0006	.00005	.1437
%RSD	67.822	63.166	90.628	37.527	1807.2	134.8	167.43	5.1149
#1	-.00443	.00313	.00196	.00278	.00157	-.0011	-.00002	2.8850
#2	-.00144	.00061	.00072	.00243	-.00148	-.0003	.00002	2.6431
#3	-.00748	.00298	.00025	.00474	.00017	.0001	-.00009	2.8983

Sample Name: CCB11 Acquired: 12/28/2018 21:53:52 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .47114
 Stddev .41019
 %RSD 87.063

#1 .51229
 #2 .04193
 #3 .85920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3574.9	48514.	4498.8	107.91	4129.8
Stddev	21.6	190.	19.7	2.45	29.6
%RSD	.60281	.39232	.43704	2.2711	.71625

#1	3583.3	48334.	4521.1	109.85	4154.0
#2	3550.4	48713.	4491.6	108.73	4096.8
#3	3590.9	48496.	4483.8	105.16	4138.6

Sample Name: J6554-10 Acquired: 12/28/2018 21:58:01 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00727	k 1.8916	k 2.1355	k .02086	k -.00292	sF 2913000.
Stddev	.00002	.0220	.0261	.00004	.00001	3154.
%RSD	.25481	1.1624	1.2218	.19301	.20749	.10828

#1	k .00727	k 1.8663	k 2.1054	k .02082	k -.00291	s 2911500.
#2	k .00729	k 1.9056	k 2.1510	k .02089	k -.00292	s 2910800.
#3	k .00725	k 1.9030	k 2.1502	k .02089	k -.00292	s 2916600.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01416	sF 9367.5	k .19269	k .10115	sF 23722.	.21222
Stddev	.00004	50.0	.00229	.00029	41.	.00266
%RSD	.30065	.53412	1.1897	.29065	.17410	1.2528

#1	-.01411	s 9362.2	k .19005	k .10148	s 23688.	.20917
#2	-.01418	s 9320.4	k .19409	k .10105	s 23709.	.21405
#3	-.01419	s 9420.0	k .19394	k .10092	s 23768.	.21345

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00376	k 69.263	sF 78598.	.10286	k .51749	sF 1914.5
Stddev	.00001	.481	311.	.00106	.00554	23.5
%RSD	.38734	.69475	.39594	1.0334	1.0700	1.2286

#1	k .00376	k 69.261	s 78500.	.10323	k .51119	s 1911.8
#2	k .00377	k 68.782	s 78347.	.10369	k .52157	s 1892.4
#3	k .00374	k 69.745	s 78946.	.10166	k .51972	s 1939.2

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10716	sF 19031.	k .43831	.39383	.00014	k -.00289
Stddev	.00032	106.	.00356	.00045	.00000	.00007
%RSD	.30237	.55958	.81144	.11429	2.2661	2.3384

#1	-.10695	s 19004.	k .43685	.39435	.00014	k -.00295
#2	-.10700	s 18941.	k .43572	.39357	.00014	k -.00282
#3	-.10753	s 19149.	k .44237	.39358	.00014	k -.00290

Sample Name: J6554-10 Acquired: 12/28/2018 21:58:01 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .62404	k -.02037	k .06972	k .00962	-.01101	k 9.048
Stddev	.00359	.00009	.00054	.00043	.00003	.096
%RSD	.57562	.44719	.77745	4.5002	.25582	1.065

#1	k .62007	k -.02028	k .06935	k .00966	-.01099	k 8.937
#2	k .62498	k -.02046	k .06948	k .01004	-.01099	k 9.104
#3	k .62707	k -.02037	k .07035	k .00917	-.01104	k 9.104

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00263	<.00000	F<.00000
Stddev	.00001	3.4681	.71128
%RSD	.54593	.36696	1.1479

#1	k .00265	-941.47	-61.914
#2	k .00263	-948.38	-61.275
#3	k .00262	-945.39	-62.695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	363740.	^ *****	522730.	106.54	3796.3
Stddev	582.	-----	3040.	.66	39.1
%RSD	.16011	-----	.58155	.61852	1.0290

#1	363360.	^ -----	519310.	106.69	3841.4
#2	363450.	^ -----	523740.	107.11	3773.0
#3	364410.	^ -----	525130.	105.82	3774.5

Sample Name: J6554-08A Acquired: 12/28/2018 22:02:18 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00728	k 1.8894	k 2.1337	k .02084	k -.00292	sF 2902900.
Stddev	.00002	.0181	.0253	.00003	.00000	4934.
%RSD	.34128	.95742	1.1871	.14473	.13720	.16997

#1	k .00731	k 1.9017	k 2.1510	k .02083	k -.00292	s 2900700.
#2	k .00726	k 1.8687	k 2.1046	k .02081	k -.00291	s 2908500.
#3	k .00728	k 1.8979	k 2.1454	k .02087	k -.00292	s 2899400.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01416	sF 9414.8	k .19265	k .10142	sF 23670.	.21158
Stddev	.00004	12.1	.00162	.00062	23.	.00248
%RSD	.26919	.12844	.84272	.60764	.09513	1.1721

#1	-.01413	s 9410.6	k .19376	k .10152	s 23686.	.21264
#2	-.01414	s 9405.4	k .19079	k .10199	s 23644.	.20874
#3	-.01420	s 9428.5	k .19340	k .10077	s 23681.	.21335

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00376	k 69.421	sF 78692.	.10292	k .51870	sF 1906.9
Stddev	.00001	2.481	92.	.00152	.00635	5.9
%RSD	.24948	3.5739	.11688	1.4814	1.2244	.30907

#1	k .00376	k 71.802	s 78641.	.10440	k .52424	s 1908.2
#2	k .00376	k 69.610	s 78636.	.10136	k .51177	s 1900.5
#3	k .00377	k 66.850	s 78798.	.10299	k .52010	s 1912.1

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10696	sF 19076.	k .43778	.39451	.00014	k -.00285
Stddev	.00017	57.	.01666	.00062	.00000	.00002
%RSD	.15863	.29802	3.8054	.15649	2.0528	.56644

#1	-.10682	s 19011.	k .45476	.39510	.00014	k -.00287
#2	-.10715	s 19096.	k .43712	.39456	.00014	k -.00284
#3	-.10691	s 19119.	k .42146	.39387	.00014	k -.00285

Sample Name: J6554-08A Acquired: 12/28/2018 22:02:18 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .62586	k -.02034	k .06966	k .00954	-.01100	k 9.010
Stddev	.00543	.00010	.00108	.00015	.00001	.093
%RSD	.86752	.51200	1.5563	1.5269	.12451	1.028

#1	k .62689	k -.02024	k .06964	k .00948	-.01101	k 9.075
#2	k .61998	k -.02034	k .06859	k .00943	-.01100	k 8.904
#3	k .63069	k -.02045	k .07075	k .00971	-.01098	k 9.052

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00263	<.00000	F<.00000
Stddev	.00002	12.157	.37755
%RSD	.60534	1.2614	.60084

#1	k .00264	-949.73	-63.246
#2	k .00264	-970.09	-62.503
#3	k .00261	-971.41	-62.760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	363070.	^ *****	520220.	106.44	3798.7
Stddev	788.	-----	3535.	3.87	36.9
%RSD	.21710	-----	.67956	3.6334	.97023

#1	362830.	^ -----	516650.	102.67	3775.4
#2	363950.	^ -----	520300.	106.26	3841.2
#3	362440.	^ -----	523720.	110.40	3779.6

Sample Name: J6554-11 Acquired: 12/28/2018 22:06:37 Type: Unk
Method: P4-ICP2(v2688) 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	.06254	.00022	.38328	.01737	.00580	62.603	.35469
Stddev	.00124	.00111	.00225	.00142	.00177	.311	.00113
%RSD	1.9856	504.06	.58613	8.1658	30.418	.49598	.31849

#1	.06390	.00093	.38072	.01590	.00744	62.743	.35542
#2	.06147	-.00106	.38494	.01749	.00393	62.819	.35526
#3	.06225	.00079	.38417	.01873	.00605	62.247	.35339

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00491	-.00100	2.2337	.09101	.02071	.06022	81.572
Stddev	.00001	.00013	.0169	.00014	.00025	.00102	1.434
%RSD	.25165	12.595	.75592	.15619	1.2000	1.7011	1.7578

#1	.00490	-.00104	2.2475	.09089	.02053	.05997	80.847
#2	.00490	-.00086	2.2386	.09117	.02100	.06135	80.645
#3	.00493	-.00111	2.2149	.09097	.02061	.05935	83.223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6025	7.9220	.05470	-.00311	.06382	.15127	.25089
Stddev	.0021	.0514	.00042	.00031	.01715	.00091	.00532
%RSD	.13095	.64895	.76489	9.9426	26.873	.60436	2.1202

#1	1.6023	7.9276	.05438	-.00284	.05709	.15066	.24848
#2	1.6047	7.9704	.05454	-.00345	.08332	.15083	.24720
#3	1.6005	7.8680	.05517	-.00304	.05106	.15232	.25699

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5782	.00526	.06055	.63923	2.0087	.01288	.35046
Stddev	.0222	.00027	.00392	.00557	.0185	.00021	.00094
%RSD	.85941	5.1191	6.4670	.87211	.92125	1.6145	.26964

#1	2.5620	.00540	.06259	.63279	2.0254	.01264	.34973
#2	2.6034	.00495	.05604	.64239	1.9888	.01302	.35153
#3	2.5692	.00542	.06304	.64250	2.0118	.01299	.35011

Sample Name: J6554-11 Acquired: 12/28/2018 22:06:37 Type: Unk
Method: P4-ICP2(v2688) 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	.05341	8.702	-.06830	2.2165	F<.00000
Stddev	.00131	.065	.00156	.0421	.23164
%RSD	2.4492	.7519	2.2789	1.8999	2.9666

#1	.05422	8.626	-.06755	2.2651	-7.6479
#2	.05190	8.739	-.06726	2.1932	-7.7030
#3	.05410	8.740	-.07009	2.1912	-8.0738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.5	50827.	4886.2	107.07	3954.9
Stddev	13.6	126.	18.8	2.02	23.6
%RSD	.36089	.24883	.38535	1.8856	.59609

#1	3777.8	50688.	4864.6	107.83	3981.1
#2	3750.8	50858.	4895.0	108.61	3935.3
#3	3761.9	50935.	4899.0	104.79	3948.4

Sample Name: J6554-12 Acquired: 12/28/2018 22:10:36 Type: Unk
Method: P4-ICP2(v2688) 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	.04598	-.00032	1.5748	.01694	.01015	47.628	.30823
Stddev	.00137	.00168	.0146	.00151	.00071	.557	.00127
%RSD	2.9812	531.63	.92744	8.9379	7.0121	1.1698	.41111

#1	.04756	-.00171	1.5672	.01607	.01085	47.217	.30875
#2	.04533	.00155	1.5655	.01869	.01017	47.405	.30915
#3	.04506	-.00079	1.5916	.01606	.00943	48.263	.30678

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	-.00040	15.933	.10347	.01781	.12367	75.992
Stddev	.00016	.00020	.151	.00174	.00013	.00176	.699
%RSD	4.3921	48.954	.94673	1.6776	.71412	1.4259	.91936

#1	.00341	-.00059	15.829	.10188	.01772	.12286	76.792
#2	.00361	-.00041	16.106	.10320	.01774	.12246	75.503
#3	.00372	-.00020	15.865	.10532	.01795	.12569	75.681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2935	8.7231	.05624	-.00301	.06026	.16587	.36641
Stddev	.0211	.0937	.00089	.00041	.00543	.00362	.00392
%RSD	1.6304	1.0742	1.5864	13.577	9.0157	2.1825	1.0700

#1	1.2815	8.6196	.05614	-.00341	.06440	.16303	.37094
#2	1.2811	8.8022	.05541	-.00304	.06228	.16463	.36414
#3	1.3178	8.7474	.05718	-.00259	.05411	.16995	.36415

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9389	.00429	.06211	1.6867	1.4040	.02159	.36252
Stddev	.0273	.00012	.00838	.0102	.0174	.00020	.00135
%RSD	.69421	2.8746	13.489	.60301	1.2403	.93769	.37199

#1	3.9351	.00415	.07156	1.6837	1.3846	.02179	.36356
#2	3.9679	.00433	.05561	1.6783	1.4183	.02139	.36301
#3	3.9136	.00438	.05915	1.6980	1.4091	.02158	.36100

Sample Name: J6554-12 Acquired: 12/28/2018 22:10:36 Type: Unk
 Method: P4-ICP2(v2688) 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	.04027	6.418	-.01848	2.3528	F<.00000
Stddev	.00065	.054	.00135	.1544	.44266
%RSD	1.6118	.8375	7.3233	6.5623	8.0395
#1	.04004	6.395	-.02000	2.4603	-6.0148
#2	.03976	6.379	-.01739	2.1759	-5.2947
#3	.04100	6.479	-.01806	2.4224	-5.2087
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.7	49474.	4865.6	109.69	3911.0
Stddev	27.7	513.	27.1	1.30	26.5
%RSD	.75536	1.0370	.55629	1.1836	.67820
#1	3674.8	49755.	4881.3	108.20	3917.5
#2	3684.1	49785.	4834.3	110.45	3933.6
#3	3632.2	48882.	4881.0	110.44	3881.8

Sample Name: J6554-13 Acquired: 12/28/2018 22:14:32 Type: Unk
Method: P4-ICP2(v2688) 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	.04791	-.00018	5.0344	.01589	.04425	42.105	.41487
Stddev	.00259	.00103	.0058	.00052	.00043	.020	.00217
%RSD	5.3974	558.29	.11435	3.2911	.96876	.04819	.52265

#1	.05080	-.00133	5.0357	.01576	.04445	42.115	.41737
#2	.04712	.00014	5.0394	.01545	.04455	42.082	.41366
#3	.04582	.00064	5.0281	.01647	.04376	42.118	.41358

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	.00186	24.455	.12107	.01854	.24471	79.274
Stddev	.00004	.00008	.085	.00033	.00023	.00024	.867
%RSD	1.2967	4.4090	.34791	.26952	1.2436	.09699	1.0931

#1	.00302	.00196	24.508	.12145	.01848	.24448	78.404
#2	.00302	.00180	24.357	.12087	.01880	.24495	80.137
#3	.00295	.00183	24.500	.12089	.01835	.24470	79.282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2047	11.839	.07399	-.00258	.14461	.21558	.53601
Stddev	.0012	.072	.00025	.00035	.00370	.00053	.00397
%RSD	.10284	.61225	.33419	13.721	2.5617	.24373	.73975

#1	1.2048	11.866	.07371	-.00299	.14078	.21604	.53290
#2	1.2058	11.757	.07416	-.00234	.14487	.21500	.54048
#3	1.2034	11.894	.07411	-.00242	.14817	.21569	.53466

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7553	.00968	.06280	3.9190	2.2031	.03607	.47493
Stddev	.0318	.00002	.00507	.0127	.0178	.00017	.00311
%RSD	.84576	.19417	8.0743	.32305	.80726	.45821	.65407

#1	3.7918	.00967	.06421	3.9066	2.2094	.03620	.47336
#2	3.7348	.00966	.05717	3.9319	2.1830	.03589	.47293
#3	3.7391	.00970	.06701	3.9185	2.2168	.03613	.47851

Sample Name: J6554-13 Acquired: 12/28/2018 22:14:32 Type: Unk
Method: P4-ICP2(v2688) 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	.03610	5.885	.00285	2.3582	F<.00000
Stddev	.00103	.010	.00117	.1092	.75811
%RSD	2.8568	.1701	40.903	4.6311	11.403
#1	.03671	5.878	.00413	2.4637	-6.3312
#2	.03668	5.896	.00185	2.2456	-6.1005
#3	.03491	5.880	.00257	2.3653	-7.5136
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.4	49569.	4893.9	110.96	3898.4
Stddev	5.4	55.	26.6	.80	11.1
%RSD	.14761	.11185	.54405	.72142	.28527
#1	3643.4	49516.	4863.6	111.57	3899.5
#2	3643.2	49626.	4913.8	110.06	3886.7
#3	3652.6	49566.	4904.2	111.26	3908.9

Sample Name: J6554-14 Acquired: 12/28/2018 22:18:27 Type: Unk
Method: P4-ICP2(v2688) 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	.06546	-.00085	.89750	.02027	.00981	56.285	.32568
Stddev	.00050	.00089	.00801	.00088	.00065	1.007	.00342
%RSD	.76129	104.89	.89262	4.3474	6.6551	1.7889	1.0505

#1	.06506	-.00013	.88936	.01991	.00993	57.438	.32608
#2	.06530	-.00058	.89775	.02128	.00911	55.843	.32889
#3	.06601	-.00185	.90538	.01963	.01040	55.575	.32208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	-.00025	8.9018	.11725	.02141	.11305	87.386
Stddev	.00008	.00019	.0496	.00182	.00021	.00085	.804
%RSD	1.7627	74.070	.55728	1.5505	.98265	.74921	.91980

#1	.00474	-.00037	8.9316	.11934	.02117	.11243	87.737
#2	.00458	-.00035	8.9294	.11603	.02152	.11270	87.955
#3	.00461	-.00004	8.8446	.11638	.02155	.11401	86.466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5551	8.7932	.05585	-.00341	.07642	.18252	.32793
Stddev	.0221	.0584	.00034	.00084	.00316	.00194	.00246
%RSD	1.4219	.66388	.60848	24.549	4.1366	1.0614	.75099

#1	1.5805	8.7751	.05554	-.00437	.07932	.18473	.32862
#2	1.5400	8.8585	.05580	-.00284	.07689	.18112	.32997
#3	1.5447	8.7460	.05621	-.00301	.07305	.18170	.32519

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0820	.00488	.06116	1.3729	1.7280	.02394	.33622
Stddev	.0033	.00027	.00558	.0068	.0270	.00044	.00127
%RSD	.10772	5.4797	9.1243	.49782	1.5630	1.8426	.37873

#1	3.0796	.00476	.06167	1.3663	1.7320	.02380	.33508
#2	3.0857	.00519	.06646	1.3725	1.7529	.02358	.33759
#3	3.0805	.00470	.05534	1.3800	1.6993	.02443	.33598

Sample Name: J6554-14 Acquired: 12/28/2018 22:18:27 Type: Unk
 Method: P4-ICP2(v2688) 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	.04581	8.261	-.05625	2.0960	F<.00000
Stddev	.00074	.068	.00057	.2678	.23901
%RSD	1.6174	.8212	1.0180	12.779	2.3895
#1	.04656	8.187	-.05667	2.4052	-10.115
#2	.04508	8.274	-.05648	1.9355	-9.7282
#3	.04581	8.321	-.05560	1.9474	-10.165
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.6	49959.	4882.2	108.75	3914.3
Stddev	15.4	782.	28.8	.82	26.3
%RSD	.41590	1.5653	.58985	.75352	.67311
#1	3713.1	49059.	4884.2	108.59	3941.8
#2	3705.2	50466.	4852.5	108.02	3911.9
#3	3683.4	50353.	4910.0	109.63	3889.2

Sample Name: J6554-15 Acquired: 12/28/2018 22:22:24 Type: Unk
Method: P4-ICP2(v2688) 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	.05107	-.00166	1.7885	.02256	.01629	47.193	.40447
Stddev	.00107	.00155	.0107	.00075	.00170	.257	.00288
%RSD	2.0979	93.557	.59622	3.3199	10.464	.54560	.71261

#1	.05039	-.00194	1.7833	.02171	.01436	47.074	.40338
#2	.05052	-.00305	1.7815	.02285	.01691	47.488	.40774
#3	.05230	.00001	1.8008	.02312	.01760	47.016	.40230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	.00074	34.083	.12427	.02078	.19175	87.779
Stddev	.00009	.00016	.424	.00136	.00017	.00129	.386
%RSD	2.5748	20.977	1.2435	1.0969	.80635	.67202	.44006

#1	.00335	.00070	33.670	.12291	.02059	.19237	87.400
#2	.00352	.00061	34.517	.12564	.02084	.19026	88.172
#3	.00347	.00092	34.062	.12427	.02091	.19260	87.764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7513	13.428	.07896	-.00253	.14937	.20550	.61175
Stddev	.0097	.018	.00053	.00043	.00145	.00259	.00449
%RSD	.55102	.13492	.66938	16.980	.97178	1.2604	.73425

#1	1.7461	13.407	.07876	-.00249	.15068	.20342	.60664
#2	1.7624	13.438	.07856	-.00298	.14963	.20840	.61508
#3	1.7453	13.438	.07956	-.00212	.14781	.20467	.61352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1657	.00642	.07434	3.1216	1.4051	.04321	.44161
Stddev	.0156	.00027	.00968	.0140	.0192	.00058	.00393
%RSD	.37402	4.2773	13.015	.44758	1.3667	1.3460	.88918

#1	4.1792	.00660	.06943	3.1117	1.3880	.04338	.44364
#2	4.1693	.00655	.08548	3.1155	1.4259	.04368	.44411
#3	4.1487	.00610	.06810	3.1376	1.4013	.04256	.43709

Sample Name: J6554-15 Acquired: 12/28/2018 22:22:24 Type: Unk
Method: P4-ICP2(v2688) 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	.04331	5.823	.02310	2.3031	F<.00000
Stddev	.00102	.034	.00026	.1374	.30875
%RSD	2.3535	.5754	1.1156	5.9681	3.6932
#1	.04228	5.799	.02297	2.4534	-8.2018
#2	.04432	5.809	.02340	2.1838	-8.7157
#3	.04334	5.861	.02293	2.2721	-8.1623
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.6	49409.	4829.9	107.88	3862.1
Stddev	16.2	311.	38.1	.73	16.7
%RSD	.44359	.62925	.78922	.68012	.43159
#1	3633.2	49455.	4851.1	108.38	3851.8
#2	3665.3	49078.	4785.9	107.04	3881.3
#3	3653.4	49695.	4852.8	108.23	3853.1

Sample Name: J6554-16 Acquired: 12/28/2018 22:26:19 Type: Unk
Method: P4-ICP2(v2688) 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	.05490	-.00224	36.936	.01905	.11304	48.232	.44918
Stddev	.00148	.00074	.144	.00138	.00060	.046	.00429
%RSD	2.7001	33.113	.38929	7.2384	.52939	.09488	.95425

#1	.05434	-.00291	37.055	.01902	.11340	48.256	.45385
#2	.05379	-.00238	36.976	.02045	.11235	48.179	.44828
#3	.05658	-.00144	36.776	.01769	.11338	48.260	.44542

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00734	34.181	.09265	.02048	.41465	93.659
Stddev	.00002	.00022	.142	.00053	.00017	.00136	1.954
%RSD	.70697	2.9286	.41492	.57007	.84038	.32761	2.0858

#1	.00338	.00712	34.337	.09256	.02029	.41309	95.798
#2	.00338	.00755	34.060	.09217	.02061	.41527	91.970
#3	.00334	.00737	34.145	.09321	.02055	.41559	93.208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7171	19.202	.07357	-.00156	.14904	.14521	.88593
Stddev	.0011	.011	.00023	.00026	.00960	.00050	.01871
%RSD	.06611	.05503	.30620	16.896	6.4388	.34730	2.1118

#1	1.7183	19.212	.07346	-.00132	.15877	.14558	.90718
#2	1.7166	19.201	.07383	-.00184	.14879	.14464	.87194
#3	1.7162	19.191	.07342	-.00153	.13958	.14542	.87868

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7415	.00875	.08608	4.4148	1.9573	.05893	.42652
Stddev	.0045	.00010	.00836	.0143	.0211	.00012	.00223
%RSD	.11957	1.1368	9.7151	.32346	1.0789	.21026	.52260

#1	3.7463	.00869	.09550	4.4260	1.9816	.05895	.42715
#2	3.7407	.00871	.07954	4.4198	1.9462	.05880	.42404
#3	3.7374	.00887	.08320	4.3988	1.9440	.05904	.42836

Sample Name: J6554-16 Acquired: 12/28/2018 22:26:19 Type: Unk
 Method: P4-ICP2(v2688) 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	.04235	6.570	-.03788	2.3424	F<.00000
Stddev	.00035	.013	.00220	.1179	.17715
%RSD	.82128	.1930	5.8114	5.0322	1.6670
#1	.04234	6.581	-.04037	2.4000	-10.467
#2	.04201	6.571	-.03619	2.4205	-10.817
#3	.04270	6.556	-.03707	2.2068	-10.597
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.5	49776.	4873.2	105.33	3837.5
Stddev	15.3	169.	37.7	2.08	14.7
%RSD	.41647	.33968	.77431	1.9761	.38284
#1	3671.7	49607.	4838.5	102.96	3828.5
#2	3667.8	49774.	4867.8	106.88	3829.5
#3	3696.0	49945.	4913.4	106.15	3854.4

Sample Name: J6554-17 Acquired: 12/28/2018 22:30:13 Type: Unk
Method: P4-ICP2(v2688) 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	.06695	-.00139	44.770	.01891	.14493	48.090	.27921
Stddev	.00222	.00099	.101	.00295	.00019	.623	.00072
%RSD	3.3104	71.178	.22569	15.610	.12935	1.2965	.25869

#1	.06616	-.00047	44.885	.02231	.14497	48.302	.27894
#2	.06523	-.00243	44.727	.01737	.14472	47.388	.27866
#3	.06945	-.00126	44.697	.01704	.14509	48.580	.28003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	.00019	18.545	.06446	.02156	.14502	82.188
Stddev	.00002	.00029	.051	.00059	.00019	.00136	2.454
%RSD	.57962	146.51	.27234	.90868	.86434	.94092	2.9863

#1	.00331	-.00013	18.496	.06461	.02174	.14346	84.902
#2	.00330	.00036	18.543	.06381	.02157	.14602	81.537
#3	.00327	.00036	18.597	.06495	.02136	.14557	80.124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1498	15.415	.06068	-.00199	.05721	.10426	.45096
Stddev	.0153	.101	.00031	.00031	.00695	.00147	.01433
%RSD	1.3287	.65478	.50608	15.639	12.145	1.4144	3.1771

#1	1.1577	15.450	.06067	-.00196	.05925	.10506	.46590
#2	1.1322	15.301	.06099	-.00170	.04948	.10256	.44965
#3	1.1595	15.494	.06038	-.00232	.06292	.10517	.43734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1402	.00561	.05254	3.2175	1.4333	.04578	.41998
Stddev	.0133	.00020	.00207	.0091	.0046	.00061	.00245
%RSD	.62183	3.5007	3.9348	.28347	.31969	1.3405	.58452

#1	2.1298	.00542	.05127	3.2098	1.4312	.04624	.42273
#2	2.1355	.00561	.05143	3.2276	1.4385	.04508	.41919
#3	2.1552	.00581	.05493	3.2151	1.4300	.04601	.41801

Sample Name: J6554-17 Acquired: 12/28/2018 22:30:13 Type: Unk
 Method: P4-ICP2(v2688) 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	.03932	4.308	-.06480	1.8971	F<.00000
Stddev	.00027	.013	.00284	.1571	.57770
%RSD	.69570	.2931	4.3787	8.2828	8.7030
#1	.03949	4.309	-.06796	1.8800	-7.0138
#2	.03947	4.320	-.06400	1.7492	-6.9272
#3	.03900	4.295	-.06246	2.0621	-5.9727
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.1	50724.	4888.0	107.90	3873.4
Stddev	8.4	581.	8.7	3.26	7.4
%RSD	.22791	1.1464	.17869	3.0196	.19136
#1	3688.9	50312.	4896.3	104.47	3865.0
#2	3705.7	51390.	4888.7	108.27	3876.1
#3	3696.6	50471.	4878.9	110.96	3879.0

Sample Name: J6554-18 Acquired: 12/28/2018 22:34:09 Type: Unk
Method: P4-ICP2(v2688) 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	.04761	-.00103	6.1843	.01710	.02194	51.189	.36192
Stddev	.00133	.00069	.0044	.00032	.00219	.314	.00509
%RSD	2.7848	66.699	.07124	1.8792	9.9815	.61374	1.4059

#1	.04787	-.00153	6.1845	.01741	.02004	51.501	.36523
#2	.04618	-.00025	6.1798	.01677	.02433	51.195	.36446
#3	.04879	-.00132	6.1886	.01713	.02144	50.872	.35606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	.00022	10.090	.08513	.02049	.11946	75.012
Stddev	.00011	.00021	.135	.00065	.00011	.00025	1.525
%RSD	2.7022	98.211	1.3364	.76659	.54230	.21072	2.0333

#1	.00402	.00017	10.199	.08501	.02052	.11923	75.591
#2	.00422	.00003	10.133	.08583	.02058	.11942	76.163
#3	.00421	.00045	9.9393	.08454	.02036	.11973	73.282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7145	8.1447	.05386	-.00294	.07202	.12468	.37702
Stddev	.0037	.0833	.00057	.00025	.00733	.00040	.00686
%RSD	.21751	1.0228	1.0611	8.6504	10.177	.32115	1.8201

#1	1.7159	8.2245	.05358	-.00264	.07091	.12457	.37849
#2	1.7173	8.1513	.05349	-.00309	.07984	.12513	.38303
#3	1.7103	8.0583	.05452	-.00307	.06531	.12436	.36954

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0153	.00378	.04820	1.2740	1.6269	.02466	.34799
Stddev	.0365	.00022	.00695	.0082	.0173	.00080	.00484
%RSD	1.2115	5.8811	14.423	.64548	1.0626	3.2569	1.3897

#1	3.0572	.00396	.05083	1.2650	1.6455	.02558	.34684
#2	2.9988	.00353	.05345	1.2811	1.6237	.02433	.35330
#3	2.9899	.00385	.04031	1.2761	1.6114	.02407	.34383

Sample Name: J6554-18 Acquired: 12/28/2018 22:34:09 Type: Unk
 Method: P4-ICP2(v2688) 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	.04008	7.094	-.03938	1.8061	F<.00000
Stddev	.00067	.032	.00125	.1824	1.1397
%RSD	1.6630	.4446	3.1673	10.100	24.526

#1	.03944	7.113	-.03980	2.0154	-5.7742
#2	.04077	7.057	-.04036	1.7223	-4.6717
#3	.04002	7.110	-.03798	1.6807	-3.4951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3729.5	50940.	4929.8	108.92	3905.4
Stddev	9.7	205.	54.2	1.99	3.2
%RSD	.26127	.40282	1.1001	1.8296	.08239

#1	3718.9	50746.	4894.9	108.12	3901.7
#2	3738.1	50919.	4902.2	107.45	3907.8
#3	3731.5	51154.	4992.3	111.19	3906.7

Sample Name: CCV12 Acquired: 12/28/2018 22:38:06 Type: Unk
Method: P4-ICP2(v2688) 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	4.9935	4.8348	4.9024	4.9133	4.9963	9.8242	9.9256	.24261
Stddev	.0062	.0072	.0116	.0083	.0046	.1915	.2990	.00515
%RSD	.12411	.14872	.23630	.16968	.09134	1.9488	3.0122	2.1228
#1	4.9992	4.8381	4.8913	4.9063	5.0002	9.9835	9.7209	.24553
#2	4.9945	4.8266	4.9144	4.9225	4.9975	9.6118	9.7871	.23666
#3	4.9869	4.8397	4.9013	4.9112	4.9913	9.8772	10.269	.24563
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4059	26.018	.99006	2.4152	1.2428	4.9240	2.4649	24.881
Stddev	.0040	.648	.01793	.0043	.0015	.1211	.0466	.856
%RSD	.16771	2.4895	1.8108	.17747	.12004	2.4594	1.8889	3.4422
#1	2.4014	25.527	.99808	2.4103	1.2435	4.8887	2.4872	24.330
#2	2.4091	25.776	.96953	2.4168	1.2411	4.8245	2.4113	24.445
#3	2.4073	26.752	1.0026	2.4185	1.2438	5.0589	2.4960	25.867
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3909	1.2432	23.986	2.3617	2.5248	24.519	5.0386	4.9745
Stddev	.0046	.0224	.751	.0429	.0576	.719	.0023	.1553
%RSD	.19085	1.8022	3.1292	1.8171	2.2817	2.9340	.04556	3.1224
#1	2.3865	1.2512	23.414	2.3858	2.4998	23.988	5.0378	4.8624
#2	2.3956	1.2179	23.707	2.3122	2.4839	24.232	5.0368	4.9094
#3	2.3907	1.2606	24.836	2.3871	2.5907	25.338	5.0412	5.1518
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6953	4.9650	4.8481	4.9636	4.9677	4.835	5.1610	F 3.4369
Stddev	.0155	.1609	.0123	.1504	.1514	.009	.1564	.1885
%RSD	.33059	3.2406	.25272	3.0293	3.0467	.1752	3.0310	5.4835
#1	4.6821	4.8439	4.8346	4.8742	4.8569	4.833	5.0361	3.5276
#2	4.7124	4.9035	4.8511	4.8795	4.9061	4.845	5.1105	3.2202
#3	4.6914	5.1476	4.8586	5.1372	5.1402	4.829	5.3365	3.5628

Sample Name: CCV12 Acquired: 12/28/2018 22:38:06 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.2756
 Stddev .3419
 %RSD 15.025

#1 2.6292
 #2 2.2509
 #3 1.9467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.1	46518.	4399.9	99.014	3612.8
Stddev	1.5	824.	125.2	2.203	6.9
%RSD	.04319	1.7707	2.8460	2.2245	.18990

#1	3411.7	46039.	4488.9	99.970	3619.9
#2	3408.8	47469.	4454.0	100.58	3606.3
#3	3409.7	46046.	4256.7	96.495	3612.2

Sample Name: CCB12 Acquired: 12/28/2018 22:41:46 Type: Unk
Method: P4-ICP2(v2688) 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	-.00112	.00170	F .01079	.00192	-.00022	-.00627	.00303
Stddev	.00142	.00057	.00164	.00223	.00055	.00492	.00010
%RSD	126.71	33.633	15.230	115.83	247.71	78.490	3.3271

#1	-.00131	.00131	.01269	-.00013	-.00064	-.00500	.00292
#2	-.00243	.00143	.00980	.00161	.00041	-.01170	.00304
#3	.00038	.00235	.00988	.00429	-.00044	-.00211	.00313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	.00293	-.00003	.00007	.00012	.00322
Stddev	.00000	.00006	.00505	.00015	.00012	.00043	.00607
%RSD	9.5735	283.30	172.66	558.88	173.96	361.73	188.94

#1	.00004	.00008	.00139	-.00017	-.00003	-.00020	.00407
#2	.00004	-.00004	.00857	-.00004	.00021	.00061	.00882
#3	.00003	.00003	-.00118	.00013	.00003	-.00006	-.00324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00966	.00070	-.00010	-.03190	.00007	-.00009
Stddev	.00002	.01801	.00017	.00046	.00919	.00023	.00005
%RSD	14.467	186.40	24.882	441.49	28.804	329.02	50.062

#1	.00017	.02998	.00089	.00035	-.02197	-.00010	-.00004
#2	.00020	-.00433	.00056	-.00057	-.03362	-.00001	-.00012
#3	.00015	.00334	.00064	-.00010	-.04010	.00032	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02432	.00028	.00516	-.00142	.00230	.00077	.00298
Stddev	.00919	.00020	.00060	.00194	.00112	.00021	.00241
%RSD	37.766	72.711	11.594	136.54	48.776	27.395	80.765

#1	.03487	.00047	.00474	-.00153	.00128	.00099	.00150
#2	.01809	.00007	.00584	-.00330	.00211	.00074	.00168
#3	.02000	.00029	.00489	.00057	.00350	.00058	.00575

Sample Name: CCB12 Acquired: 12/28/2018 22:41:46 Type: Unk
 Method: P4-ICP2(v2688) 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	.00029	.0002	.00001	F 3.0595	F<.00000
Stddev	.00222	.0006	.00005	.0980	.52691
%RSD	775.38	250.5	497.58	3.2040	207.21

#1	-.00225	.0009	.00005	3.1538	-.60324
#2	.00125	.0001	.00003	3.0667	.35183
#3	.00186	-.0003	-.00004	2.9581	-.51146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.0	47890.	4474.7	105.53	4122.4
Stddev	4.4	209.	16.9	2.25	7.1
%RSD	.12244	.43614	.37878	2.1319	.17304

#1	3571.2	47668.	4492.8	103.36	4114.5
#2	3575.2	47921.	4472.0	105.38	4128.3
#3	3566.5	48082.	4459.2	107.85	4124.5

Sample Name: J6554-19 Acquired: 12/28/2018 22:45:56 Type: Unk
Method: P4-ICP2(v2688) 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	.04692	-.00033	7.2199	.01703	.02079	44.068	.73360
Stddev	.00258	.00087	.0392	.00242	.00055	.173	.00211
%RSD	5.4985	265.85	.54290	14.217	2.6629	.39196	.28799

#1	.04461	.00035	7.2382	.01826	.02115	44.182	.73435
#2	.04645	-.00130	7.2466	.01860	.02107	44.153	.73122
#3	.04970	-.00003	7.1749	.01425	.02015	43.869	.73524

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	.00060	14.244	.09351	.01730	.16014	73.032
Stddev	.00001	.00018	.049	.00086	.00011	.00152	1.849
%RSD	.26834	30.125	.34122	.92470	.61457	.95050	2.5319

#1	.00340	.00040	14.205	.09258	.01736	.15861	74.964
#2	.00341	.00068	14.228	.09367	.01717	.16166	72.851
#3	.00342	.00073	14.298	.09429	.01736	.16014	71.279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97795	9.6491	.05325	-.00250	.06430	.15724	.35993
Stddev	.00099	.0906	.00025	.00041	.00482	.00116	.00777
%RSD	.10120	.93930	.47240	16.317	7.4963	.73613	2.1583

#1	.97685	9.5446	.05333	-.00206	.06001	.15590	.36761
#2	.97822	9.6970	.05345	-.00259	.06338	.15793	.36012
#3	.97877	9.7058	.05296	-.00287	.06952	.15787	.35207

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8504	.00367	.05112	1.4946	1.2070	.02502	.34743
Stddev	.0290	.00025	.00870	.0096	.0139	.00025	.00165
%RSD	1.0169	6.8328	17.018	.64500	1.1484	.98083	.47531

#1	2.8247	.00338	.05233	1.4931	1.1944	.02511	.34832
#2	2.8818	.00383	.05915	1.5049	1.2047	.02521	.34552
#3	2.8448	.00379	.04188	1.4858	1.2218	.02474	.34844

Sample Name: J6554-19 Acquired: 12/28/2018 22:45:56 Type: Unk
Method: P4-ICP2(v2688) 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	.03672	6.541	-.03214	2.3179	F<.00000
Stddev	.00147	.033	.00208	.0212	.46652
%RSD	4.0130	.5037	6.4831	.91462	11.365
#1	.03838	6.556	-.03428	2.3286	-3.5967
#2	.03557	6.565	-.03203	2.3317	-4.2043
#3	.03621	6.504	-.03012	2.2935	-4.5137
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.1	49772.	4773.4	106.99	3914.2
Stddev	13.2	154.	18.8	2.45	17.9
%RSD	.35932	.30849	.39349	2.2901	.45856
#1	3664.9	49725.	4794.0	104.50	3903.3
#2	3660.2	49648.	4769.1	107.06	3904.4
#3	3685.1	49944.	4757.2	109.40	3934.9

Sample Name: J6554-20 Acquired: 12/28/2018 22:49:53 Type: Unk
Method: P4-ICP2(v2688) 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	.04255	-.00046	6.6691	.01642	.07338	50.090	.40016
Stddev	.00101	.00038	.0230	.00049	.00162	.012	.00314
%RSD	2.3727	81.966	.34531	2.9654	2.2097	.02323	.78431

#1	.04186	-.00079	6.6545	.01594	.07243	50.091	.40289
#2	.04208	-.00055	6.6957	.01691	.07245	50.077	.39673
#3	.04371	-.00005	6.6571	.01641	.07525	50.100	.40087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	.00591	6.3135	.11070	.02632	.08858	88.049
Stddev	.00008	.00024	.0462	.00088	.00018	.00115	1.261
%RSD	2.1073	4.1303	.73202	.79078	.66906	1.2954	1.4326

#1	.00374	.00584	6.3528	.10970	.02612	.08814	88.534
#2	.00387	.00572	6.3252	.11134	.02641	.08773	88.996
#3	.00389	.00619	6.2626	.11105	.02644	.08989	86.617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3820	8.3412	.07020	-.00294	.05453	.16454	.43167
Stddev	.0017	.0285	.00077	.00050	.00260	.00080	.00796
%RSD	.12367	.34112	1.1011	17.093	4.7723	.48655	1.8445

#1	1.3828	8.3083	.06933	-.00248	.05241	.16511	.43533
#2	1.3833	8.3588	.07080	-.00286	.05743	.16489	.43713
#3	1.3801	8.3564	.07048	-.00347	.05373	.16363	.42253

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7579	.00688	.06117	.97085	1.2951	.02115	.45536
Stddev	.0396	.00009	.00531	.00250	.0142	.00057	.01505
%RSD	1.4358	1.2664	8.6870	.25703	1.0999	2.7150	3.3047

#1	2.8036	.00697	.06719	.97129	1.2920	.02181	.44619
#2	2.7335	.00687	.05918	.97310	1.3106	.02079	.47273
#3	2.7366	.00679	.05713	.96817	1.2826	.02084	.44717

Sample Name: J6554-20 Acquired: 12/28/2018 22:49:53 Type: Unk
Method: P4-ICP2(v2688) 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	.04248	5.141	-.06700	2.0546	F<.00000
Stddev	.00038	.015	.00127	.0489	.24268
%RSD	.90351	.2815	1.8916	2.3821	2.7423
#1	.04222	5.125	-.06753	2.1108	-8.9213
#2	.04292	5.153	-.06791	2.0320	-9.0479
#3	.04229	5.144	-.06555	2.0210	-8.5788
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3767.5	50725.	4857.2	106.42	3919.2
Stddev	6.0	147.	29.6	1.95	11.1
%RSD	.15974	.28916	.60954	1.8348	.28212
#1	3767.4	50608.	4823.0	105.39	3924.2
#2	3761.6	50676.	4874.8	105.20	3906.6
#3	3773.6	50889.	4873.7	108.68	3927.0

Sample Name: J6554-21 Acquired: 12/28/2018 22:53:50 Type: Unk
Method: P4-ICP2(v2688) 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	.01982	-.00116	.13971	.01601	.03183	50.368	.24767
Stddev	.00142	.00064	.00064	.00187	.00133	.639	.00168
%RSD	7.1816	55.040	.45533	11.694	4.1702	1.2690	.67799

#1	.02053	-.00173	.13941	.01668	.03097	49.937	.24807
#2	.02075	-.00128	.14044	.01746	.03115	50.065	.24583
#3	.01818	-.00047	.13928	.01390	.03336	51.103	.24912

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00352	-.00179	2.7970	.08623	.02733	.02654	79.828
Stddev	.00012	.00014	.0255	.00124	.00033	.00024	.412
%RSD	3.4803	8.0900	.91256	1.4372	1.2065	.91564	.51620

#1	.00342	-.00192	2.7701	.08603	.02711	.02682	80.285
#2	.00349	-.00181	2.7998	.08510	.02716	.02635	79.484
#3	.00366	-.00163	2.8209	.08755	.02771	.02647	79.715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80510	7.3661	.05615	-.00394	.02436	.09944	.17892
Stddev	.01142	.0435	.00031	.00010	.00647	.00159	.00057
%RSD	1.4183	.59103	.54370	2.6011	26.552	1.5948	.31704

#1	.79693	7.4153	.05597	-.00396	.02443	.09907	.17952
#2	.80022	7.3505	.05650	-.00403	.03079	.09807	.17839
#3	.81815	7.3326	.05598	-.00383	.01786	.10118	.17887

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8378	.00320	.04619	.28001	3.9651	-.00008	.33492
Stddev	.0393	.00015	.00243	.00346	.0215	.00034	.00066
%RSD	1.3847	4.6735	5.2520	1.2367	.54307	405.94	.19588

#1	2.8303	.00337	.04717	.28358	3.9692	.00030	.33560
#2	2.8029	.00308	.04797	.27667	3.9419	-.00030	.33429
#3	2.8804	.00314	.04343	.27976	3.9844	-.00025	.33487

Sample Name: J6554-21 Acquired: 12/28/2018 22:53:50 Type: Unk
Method: P4-ICP2(v2688) 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	.04236	2.023	-.06786	2.3697	F<.00000
Stddev	.00023	.009	.00057	.1258	.18407
%RSD	.53828	.4686	.84349	5.3088	2.4908
#1	.04227	2.019	-.06851	2.2341	-7.3424
#2	.04262	2.017	-.06742	2.3923	-7.5931
#3	.04220	2.034	-.06766	2.4826	-7.2343
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3753.0	50301.	4846.8	106.32	3926.2
Stddev	9.5	551.	19.2	.30	14.8
%RSD	.25343	1.0951	.39588	.27827	.37785
#1	3759.9	50737.	4857.4	106.04	3939.4
#2	3756.9	50483.	4858.3	106.29	3929.0
#3	3742.1	49682.	4824.6	106.63	3910.2

Sample Name: J6554-22 Acquired: 12/28/2018 22:57:52 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00689	k 1.9000	k 1.1107	k .02044	k -.00278	sF 2623300.
Stddev	.00002	.0039	.0039	.00008	.00001	8870.
%RSD	.24713	.20751	.35138	.39181	.32590	.33812

#1	k .00690	k 1.8963	k 1.1116	k .02053	k -.00279	s 2620100.
#2	k .00687	k 1.9042	k 1.1140	k .02041	k -.00278	s 2633400.
#3	k .00689	k 1.8996	k 1.1064	k .02037	k -.00278	s 2616500.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01475	sF 9369.7	k .19434	k .02375	sF 24052.	.22008
Stddev	.00001	11.8	.00029	.00015	46.	.00055
%RSD	.07843	.12602	.14775	.61591	.19080	.24776

#1	-.01477	s 9365.0	k .19405	k .02363	s 24091.	.22011
#2	-.01475	s 9383.1	k .19462	k .02391	s 24001.	.22062
#3	-.01475	s 9360.9	k .19435	k .02371	s 24063.	.21953

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00339	k 81.250	sF 48082.	.08718	k .52947	sF 1735.7
Stddev	.00002	1.936	61.	.00044	.00069	9.3
%RSD	.46512	2.3831	.12707	.50983	.13035	.53306

#1	k .00341	k 81.231	s 48120.	.08703	k .53002	s 1739.5
#2	k .00338	k 83.196	s 48011.	.08684	k .52969	s 1725.2
#3	k .00338	k 79.324	s 48114.	.08768	k .52870	s 1742.4

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10791	sF 18385.	k .39090	.38658	.00013	k -.00306
Stddev	.00016	48.	.00856	.00012	.00000	.00004
%RSD	.14945	.26138	2.1904	.03048	.87628	1.3551

#1	-.10802	s 18364.	k .39170	.38666	.00013	k -.00304
#2	-.10798	s 18350.	k .39903	.38664	.00013	k -.00302
#3	-.10772	s 18440.	k .38196	.38645	.00012	k -.00310

Sample Name: J6554-22 Acquired: 12/28/2018 22:57:52 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .23313	k -.02192	k .06119	k .00934	-.01108	k 5.165
Stddev	.00429	.00016	.00047	.00051	.00002	.003
%RSD	1.8401	.71753	.77125	5.4367	.14786	.0545

#1	k .23097	k -.02201	k .06142	k .00880	-.01109	k 5.164
#2	k .23035	k -.02201	k .06065	k .00940	-.01109	k 5.168
#3	k .23807	k -.02174	k .06151	k .00981	-.01106	k 5.164

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00210	<.00000	F<.00000
Stddev	.00000	5.3614	1.0720
%RSD	.08567	.55254	1.6236

#1	k .00210	-966.73	-65.346
#2	k .00211	-967.73	-65.470
#3	k .00210	-976.48	-67.262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	369910.	^ *****	519440.	103.51	3796.4
Stddev	497.	-----	2097.	2.41	20.5
%RSD	.13427	-----	.40360	2.3297	.54130

#1	370360.	^ -----	520510.	103.38	3818.5
#2	369370.	^ -----	520790.	101.16	3777.8
#3	369990.	^ -----	517030.	105.98	3792.9

Sample Name: J6554-23 Acquired: 12/28/2018 23:02:11 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00688	k 1.9086	k 1.1191	k .02045	k -.00279	sF 2630300.
Stddev	.00006	.0089	.0054	.00010	.00002	3821.
%RSD	.80411	.46578	.48560	.46888	.58591	.14527

#1	k .00687	k 1.9008	k 1.1141	k .02035	k -.00277	s 2626000.
#2	k .00694	k 1.9183	k 1.1249	k .02052	k -.00279	s 2631900.
#3	k .00683	k 1.9068	k 1.1183	k .02050	k -.00281	s 2633200.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01475	sF 9393.2	k .19525	k .02383	sF 24275.	.22154
Stddev	.00003	12.2	.00107	.00013	33.	.00130
%RSD	.19684	.12964	.55035	.54084	.13526	.58588

#1	-.01476	s 9397.6	k .19432	k .02375	s 24309.	.22038
#2	-.01476	s 9379.4	k .19643	k .02398	s 24244.	.22294
#3	-.01471	s 9402.5	k .19501	k .02376	s 24273.	.22129

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00339	k 81.774	sF 48163.	.08776	k .53404	sF 1754.9
Stddev	.00001	1.526	20.	.00118	.00238	34.0
%RSD	.28618	1.8662	.04115	1.3404	.44599	1.9374

#1	k .00339	k 80.808	s 48143.	.08641	k .53177	s 1793.4
#2	k .00340	k 80.982	s 48183.	.08826	k .53652	s 1729.0
#3	k .00338	k 83.534	s 48164.	.08860	k .53383	s 1742.2

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10783	sF 18372.	k .39259	.38673	.00013	k -.00311
Stddev	.00022	15.	.00668	.00026	.00000	.00002
%RSD	.20603	.08189	1.7020	.06600	.45140	.69298

#1	-.10808	s 18384.	k .38812	.38644	.00013	k -.00309
#2	-.10765	s 18355.	k .38938	.38694	.00013	k -.00313
#3	-.10777	s 18377.	k .40027	.38680	.00013	k -.00312

Sample Name: J6554-23 Acquired: 12/28/2018 23:02:11 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .23165	k -.02193	k .06099	k .00946	-.01107	k 5.146
Stddev	.00021	.00013	.00097	.00013	.00002	.020
%RSD	.09109	.57316	1.5829	1.3451	.14840	.3906

#1	k .23144	k -.02182	k .06037	k .00933	-.01109	k 5.165
#2	k .23186	k -.02190	k .06211	k .00958	-.01106	k 5.149
#3	k .23163	k -.02206	k .06050	k .00947	-.01108	k 5.125

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00211	<.00000	F<.00000
Stddev	.00000	8.4479	.83996
%RSD	.12867	.88221	1.2686

#1	k .00211	-967.34	-65.546
#2	k .00211	-952.76	-65.937
#3	k .00211	-952.65	-67.157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	371750.	^ *****	518520.	103.09	3790.1
Stddev	520.	-----	216.	1.67	10.1
%RSD	.13992	-----	.04167	1.6155	.26626

#1	372220.	^ -----	518670.	104.03	3793.6
#2	371190.	^ -----	518270.	104.08	3778.8
#3	371830.	^ -----	518620.	101.17	3798.1

Sample Name: J6554-21A Acquired: 12/28/2018 23:06:29 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00584	k 1.8910	k 1.1142	k .01792	k -.00282	sF 1753400.
Stddev	.00165	.0109	.0127	.00410	.00007	1518500.
%RSD	28.158	.57413	1.1373	22.859	2.4150	86.603

#1	k .00680	k 1.9036	k 1.1121	k .02033	k -.00278	s 3.
#2	k .00679	k 1.8852	k 1.1027	k .02024	k -.00279	s 2633900.
#3	k .00394	k 1.8844	k 1.1278	k .01319	k -.00290	s 2626300.

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01474	sF 6211.4	k .19287	k .02414	sF 16160.	.21853
Stddev	.00002	5379.2	.00137	.00023	13995.	.00184
%RSD	.12278	86.602	.70844	.93333	86.603	.84383

#1	-.01476	s .012	k .19440	k .02390	s .03	.22024
#2	-.01472	s 9312.3	k .19241	k .02416	s 24199.	.21877
#3	-.01473	s 9321.9	k .19179	k .02435	s 24280.	.21658

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00300	k 79.784	sF 31897.	.08843	k .52530	sF 1117.2
Stddev	.00066	1.624	27624.	.00105	.00697	967.6
%RSD	21.908	2.0353	86.603	1.1858	1.3274	86.611

#1	k .00339	k 80.210	s .06	.08734	k .53075	s .001
#2	k .00337	k 81.152	s 47750.	.08853	k .52771	s 1689.1
#3	k .00224	k 77.989	s 47943.	.08943	k .51745	s 1662.5

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10745	sF 12184.	k .33648	.38779	.00008	k -.00303
Stddev	.00017	10552.	.08709	.00170	.00008	.00001
%RSD	.15552	86.603	25.882	.43713	99.875	.37987

#1	-.10755	s .02	k .38557	.38627	.00012	k -.00304
#2	-.10755	s 18224.	k .38793	.38962	.00012	k -.00301
#3	-.10726	s 18327.	k .23592	.38749	-.00001	k -.00303

Sample Name: J6554-21A Acquired: 12/28/2018 23:06:29 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .22174	k -.02203	k .06116	k .00990	-.01104	k 4.959
Stddev	.02109	.00001	.00071	.00041	.00002	.342
%RSD	9.5097	.06336	1.1647	4.1690	.22014	6.891

#1	k .23289	k -.02203	k .06135	k .00943	-.01107	k 5.173
#2	k .23491	k -.02202	k .06037	k .01004	-.01104	k 5.139
#3	k .19742	k -.02205	k .06176	k .01022	-.01102	k 4.565

Elem	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm
Avg	k .00211	<.00000	F<.00000
Stddev	.00002	10.539	.96351
%RSD	.86462	1.1160	1.4609

#1	k .00210	-935.81	-67.057
#2	k .00213	-940.95	-65.278
#3	k .00211	-956.08	-65.525

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	370740.	^ *****	514920.	105.33	3369.3
Stddev	2174.	-----	2385.	2.23	744.9
%RSD	.58628	-----	.46312	2.1205	22.109

#1	372990.	^ -----	517590.	104.21	3797.8
#2	370570.	^ -----	512980.	103.88	3801.0
#3	368660.	^ -----	514200.	107.90	2509.2

Sample Name: J6584-01 Acquired: 12/28/2018 23:10:49 Type: Unk
Method: P4-ICP2(v2688) 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	k -.00652	k -.00250	k .01417	k .00162	k .00307	k 22.019	s -.01234	.00007
Stddev	.00098	.00034	.00018	.00196	.00168	13.176	.00174	.00007
%RSD	14.977	13.492	1.3029	120.61	54.825	59.841	14.080	100.69

#1	k -.00646	k -.00211	k .01406	k -.00025	k .00119	k 7.9369	s -.01108	.00015
#2	k -.00752	k -.00266	k .01408	k .00365	k .00444	k 34.048	s -.01163	.00001
#3	k -.00557	k -.00272	k .01439	k .00146	k .00359	k 24.071	s -.01432	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00809	s .03992	k .00226	k .00738	k .00679	k 12.769	.44938	s .12785
Stddev	.00002	.01167	.00030	.00019	.00029	9.565	.06235	.02921
%RSD	.23191	29.243	13.038	2.5243	4.3273	74.911	13.875	22.843

#1	k .00807	s .04380	k .00201	k .00727	k .00680	k 2.6917	.37850	s .14052
#2	k .00810	s .04917	k .00220	k .00726	k .00708	k 13.892	.47384	s .14859
#3	k .00809	s .02680	k .00259	k .00759	k .00649	k 21.723	.49579	s .09445

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .03111	k -.00247	s -.08919	k .00107	k 1.5369	s .42341	.00299	s -.00202
Stddev	.00039	.00033	.01375	.00034	.9612	.03649	.00009	.00059
%RSD	1.2560	13.469	15.412	31.657	62.539	8.6182	3.0047	29.386

#1	k .03149	k -.00209	s -.07755	k .00080	k .81109	s .41921	.00291	s -.00137
#2	k .03113	k -.00260	s -.08566	k .00145	k 1.1727	s .46181	.00297	s -.00215
#3	k .03071	k -.00270	s -.10436	k .00097	k 2.6270	s .38919	.00309	s -.00253

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .94977	s .01256	k -.00003	s .01798	s -.00975	k .0373	s .00267	3.5527
Stddev	.00232	.03496	.00060	.01037	.00093	.0007	.00055	1.0820
%RSD	.24431	278.34	2268.0	57.689	9.5458	1.902	20.556	30.454

#1	k .95100	s .05289	k .00035	s .02192	s -.00907	k .0381	s .00266	2.3111
#2	k .94709	s -.00612	k -.00072	s .02580	s -.00936	k .0371	s .00322	4.0535
#3	k .95122	s -.00909	k .00030	s .00621	s -.01081	k .0367	s .00212	4.2936

Sample Name: J6584-01 Acquired: 12/28/2018 23:10:49 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8183
Stddev .7187
%RSD 14.916

#1 4.4281
#2 5.6477
#3 4.3791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.6	46610.	^ *****	341.23	3468.8
Stddev	20.8	4834.	-----	176.23	18.9
%RSD	.63966	10.372	-----	51.645	.54488

#1	3248.6	52152.	^ -----	510.05	3471.2
#2	3279.0	44418.	^ -----	355.20	3486.4
#3	3239.1	43259.	^ -----	158.43	3448.8

Sample Name: J6584-02 Acquired: 12/28/2018 23:14:52 Type: Unk
Method: P4-ICP2(v2688) 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	-.00679	-.00137	.00405	.01242	.01180	.04586	1.3699	.00004
Stddev	.00102	.00085	.00077	.00121	.00179	.00614	.0063	.00007
%RSD	14.964	62.062	19.086	9.7534	15.151	13.397	.45667	157.63

#1	-.00726	-.00072	.00476	.01219	.01384	.04228	1.3631	.00001
#2	-.00749	-.00105	.00323	.01373	.01051	.04236	1.3754	-.00000
#3	-.00562	-.00233	.00417	.01135	.01105	.05296	1.3712	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	78.296	.00137	.00711	-.00773	33.043	.50404	1.8386
Stddev	.00010	.376	.00008	.00017	.00039	.694	.01323	.0480
%RSD	9.7311	.47963	6.1693	2.3255	5.0309	2.0993	2.6256	2.6104

#1	-.00097	77.950	.00128	.00728	-.00789	33.087	.51903	1.8432
#2	-.00110	78.696	.00145	.00711	-.00802	33.714	.49395	1.8841
#3	-.00091	78.243	.00138	.00695	-.00729	32.329	.49916	1.7884

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02197	-.00184	282.07	.00016	1.3966	.46123	.00172	.04019
Stddev	.00048	.00055	5.15	.00039	.0294	.00923	.00029	.00693
%RSD	2.1802	30.087	1.8271	243.33	2.1062	2.0021	16.727	17.256

#1	.02226	-.00162	277.26	.00041	1.3905	.45777	.00153	.03342
#2	.02142	-.00142	281.45	-.00029	1.4286	.47170	.00205	.04728
#3	.02224	-.00246	287.51	.00037	1.3708	.45423	.00157	.03986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45443	1.3574	.00037	.00336	.00801	.0384	.18178	4.2203
Stddev	.00259	.0080	.00061	.00026	.00102	.0004	.00095	.2995
%RSD	.56931	.58966	164.06	7.7782	12.671	1.033	.52151	7.0970

#1	.45725	1.3532	.00093	.00311	.00697	.0388	.18070	4.5515
#2	.45385	1.3523	-.00028	.00335	.00806	.0385	.18248	3.9685
#3	.45218	1.3666	.00048	.00363	.00900	.0380	.18215	4.1409

Sample Name: J6584-02 Acquired: 12/28/2018 23:14:52 Type: Unk
 Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.5760
 Stddev .5038
 %RSD 5.8750

#1 8.6856
 #2 8.0263
 #3 9.0160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.9	43520.	4353.0	101.49	3537.5
Stddev	6.3	1079.	12.6	2.07	17.5
%RSD	.19131	2.4801	.28907	2.0376	.49482

#1	3310.8	42303.	4365.0	101.89	3517.5
#2	3322.8	44361.	4339.9	99.257	3545.3
#3	3320.2	43894.	4354.1	103.34	3549.9

Sample Name: J6584-03 Acquired: 12/28/2018 23:19:05 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00481	-.00202	.04672	.00525	.00078	.06406	.23870	.00003
Stddev	.00101	.00052	.00116	.00147	.00043	.01234	.00120	.00007
%RSD	20.902	25.897	2.4779	27.968	54.946	19.258	.50211	213.75

#1	-.00591	-.00188	.04540	.00647	.00103	.06002	.23810	.00011
#2	-.00394	-.00158	.04757	.00567	.00102	.05425	.23793	.00001
#3	-.00458	-.00260	.04718	.00362	.00028	.07791	.24008	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	38.181	.00319	.00118	.02651	4.5215	.15315	2.4185
Stddev	.00005	.120	.00030	.00029	.00064	.0147	.00067	.0288
%RSD	21.874	.31367	9.4278	24.636	2.4187	.32439	.44066	1.1924

#1	.00018	38.054	.00330	.00086	.02634	4.5382	.15331	2.4435
#2	.00028	38.199	.00285	.00127	.02597	4.5105	.15241	2.3869
#3	.00026	38.291	.00342	.00142	.02722	4.5159	.15373	2.4250

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00956	-.00126	283.63	.00014	.59309	.27452	.00027	.00470
Stddev	.00034	.00029	2.45	.00025	.00794	.01630	.00037	.00502
%RSD	3.5351	22.888	.86555	179.71	1.3382	5.9393	135.54	106.82

#1	.00930	-.00096	283.21	.00035	.60144	.26312	.00066	.00645
#2	.00994	-.00128	286.27	.00020	.59217	.26725	-.00006	-.00096
#3	.00944	-.00154	281.41	-.00013	.58564	.29320	.00021	.00862

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22078	.56488	-.00050	.00334	.00483	.0125	.07639	3.9131
Stddev	.00260	.00589	.00018	.00058	.00066	.0008	.00021	.1021
%RSD	1.1798	1.0427	35.225	17.458	13.625	6.774	.27935	2.6086

#1	.21779	.56648	-.00033	.00401	.00551	.0135	.07657	3.9121
#2	.22199	.55836	-.00050	.00307	.00476	.0118	.07615	4.0156
#3	.22256	.56981	-.00068	.00295	.00420	.0123	.07644	3.8115

Sample Name: J6584-03 Acquired: 12/28/2018 23:19:05 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0671
Stddev	.0272
%RSD	.88792

#1	3.0419
#2	3.0959
#3	3.0634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.4	44435.	4353.6	101.70	3564.4
Stddev	23.9	195.	34.3	1.29	24.0
%RSD	.72063	.43863	.78863	1.2698	.67386

#1	3342.1	44269.	4314.1	100.23	3591.0
#2	3321.7	44387.	4376.3	102.18	3557.9
#3	3294.4	44650.	4370.5	102.68	3544.2

Sample Name: CCV13 Acquired: 12/28/2018 23:23:20 Type: Unk
Method: P4-ICP2(v2688) 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	4.9255	4.8022	4.8289	4.8341	4.9045	10.055	9.7714	.24599
Stddev	.0170	.0062	.0106	.0027	.0165	.033	.0678	.00234
%RSD	.34486	.12911	.21904	.05542	.33577	.33093	.69413	.95300
#1	4.9406	4.8046	4.8387	4.8370	4.9194	10.023	9.7458	.24509
#2	4.9288	4.8068	4.8303	4.8317	4.9072	10.089	9.7201	.24422
#3	4.9071	4.7951	4.8177	4.8337	4.8868	10.051	9.8483	.24865
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3816	26.496	1.0337	2.3783	1.2313	4.8548	2.5149	24.825
Stddev	.0061	.129	.0153	.0057	.0042	.0877	.0261	.027
%RSD	.25561	.48538	1.4812	.23962	.34379	1.8075	1.0367	.10941
#1	2.3875	26.377	1.0265	2.3824	1.2356	4.9001	2.5010	24.803
#2	2.3819	26.479	1.0234	2.3806	1.2311	4.9107	2.4987	24.855
#3	2.3753	26.632	1.0513	2.3718	1.2271	4.7537	2.5450	24.816
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3682	1.2881	23.773	2.4162	2.4891	24.310	4.9604	4.9980
Stddev	.0044	.0202	.196	.0196	.0216	.244	.0129	.0311
%RSD	.18416	1.5656	.82580	.81206	.86900	1.0037	.26061	.62117
#1	2.3726	1.2823	23.716	2.4059	2.5108	24.233	4.9699	4.9623
#2	2.3680	1.2715	23.611	2.4038	2.4888	24.114	4.9655	5.0183
#3	2.3639	1.3105	23.991	2.4388	2.4676	24.583	4.9457	5.0134
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6311	5.0169	4.8041	4.8717	4.9375	4.786	5.1788	F 4.1577
Stddev	.0146	.0854	.0048	.0043	.0427	.013	.0506	.2105
%RSD	.31550	1.7014	.10072	.08820	.86446	.2628	.97723	5.0626
#1	4.6480	4.9699	4.8069	4.8762	4.9214	4.796	5.1427	4.0708
#2	4.6226	4.9653	4.8068	4.8676	4.9051	4.790	5.1570	4.0045
#3	4.6227	5.1154	4.7985	4.8714	4.9858	4.772	5.2366	4.3977

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Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0022
Stddev .6068
%RSD 20.211

#1 2.5433
#2 3.6902
#3 2.7732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.6	45271.	4359.0	99.454	3639.0
Stddev	5.9	454.	47.7	.697	3.9
%RSD	.17156	1.0029	1.0954	.70129	.10656

#1	3433.8	45450.	4378.2	98.750	3636.3
#2	3432.6	45607.	4394.1	99.466	3637.2
#3	3443.4	44754.	4304.6	100.14	3643.4

Sample Name: CCB13 Acquired: 12/28/2018 23:27:04 Type: Unk
Method: P4-ICP2(v2688) 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	-.00138	.00141	.00071	.00336	-.00028	-.00486	.00383	.00005
Stddev	.00134	.00045	.00038	.00216	.00064	.00731	.00076	.00002
%RSD	96.833	32.143	52.976	64.141	229.73	150.49	19.902	38.128
#1	-.00003	.00090	.00100	.00585	.00027	-.01329	.00343	.00004
#2	-.00270	.00154	.00085	.00193	-.00099	-.00037	.00336	.00007
#3	-.00140	.00178	.00029	.00231	-.00012	-.00091	.00471	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01711	-.00014	.00007	-.00000	.00210	.00020	.00027
Stddev	.00002	.00695	.00002	.00019	.00007	.00792	.00006	.01458
%RSD	80.374	40.641	11.466	258.84	1449.3	378.18	29.298	5315.4
#1	.00000	.02262	-.00013	-.00013	-.00008	-.00454	.00014	.01489
#2	.00002	.00930	-.00013	.00009	.00006	-.00004	.00026	.00020
#3	.00004	.01940	-.00016	.00025	.00001	.01087	.00020	-.01426
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00031	.04167	-.00025	-.00007	.00049	.00022	.00568
Stddev	.00030	.00056	.00316	.00014	.00014	.03794	.00026	.00432
%RSD	64.122	178.55	7.5763	56.115	200.29	7792.3	115.85	76.033
#1	.00045	-.00095	.04315	-.00032	.00000	.00784	.00024	.00612
#2	.00078	.00007	.04381	-.00035	-.00023	.03421	-.00004	.00116
#3	.00018	-.00005	.03804	-.00009	.00002	-.04060	.00048	.00976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.00479	.00006	.00442	.00275	.0001	-.00004	F 3.0357
Stddev	.00089	.00140	.00042	.00132	.00060	.0010	.00002	.1311
%RSD	54.290	29.194	708.81	29.805	21.992	972.9	35.611	4.3201
#1	-.00194	.00612	.00051	.00439	.00252	-.0010	-.00003	3.0059
#2	-.00064	.00491	-.00001	.00575	.00344	.0008	-.00006	2.9221
#3	-.00235	.00333	-.00033	.00312	.00229	.0005	-.00004	3.1792

Sample Name: CCB13 Acquired: 12/28/2018 23:27:04 Type: Unk
Method: P4-ICP2(v2688) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .18927
Stddev .49807
%RSD 263.15

#1 .16224
#2 .70031
#3 -.29473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.5	47995.	4418.3	106.22	4128.1
Stddev	6.9	77.	9.5	1.28	16.4
%RSD	.19241	.16130	.21398	1.2034	.39830

#1	3578.6	47964.	4414.3	106.12	4109.1
#2	3590.8	47938.	4411.5	107.55	4137.4
#3	3590.2	48083.	4429.1	105.00	4137.7