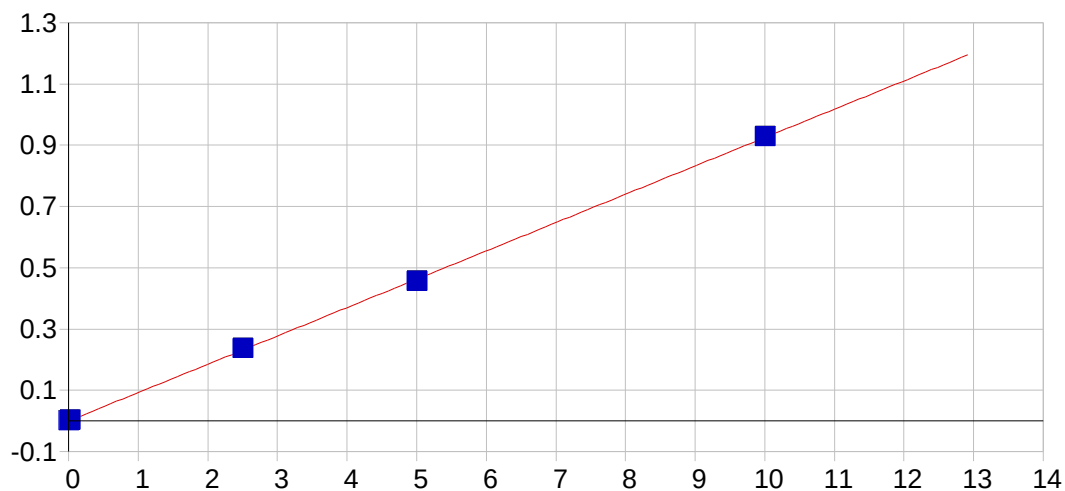


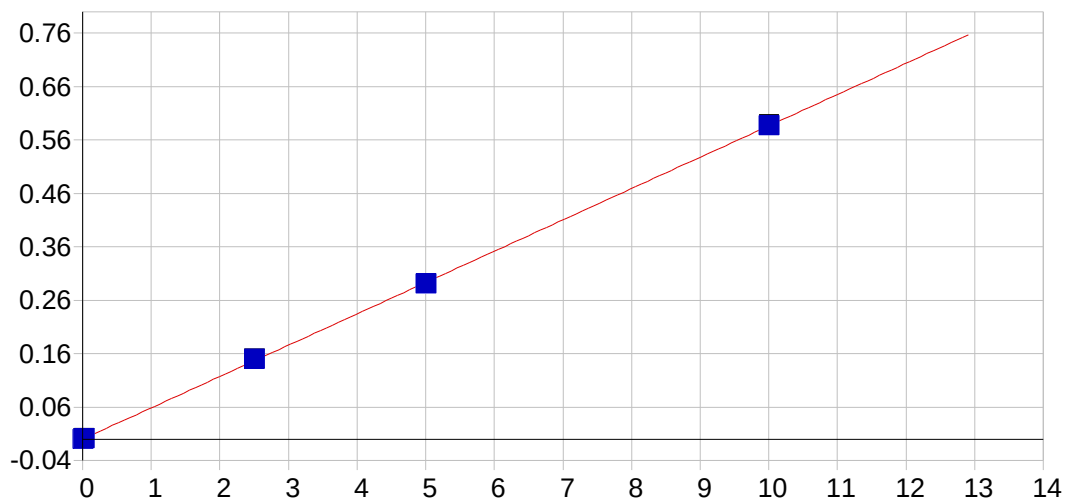


As 189.042 {478}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.092527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003593
 Predicted MQL: 0.011976

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02071	.001	3.54	.00184	.000	1
S3	2.5000	2.5480	.048	1.92	.23566	.000	1
S4	5.0000	4.9260	-.074	-1.48	.45569	.001	1
S5	10.000	10.025	.025	.253	.92747	.000	1



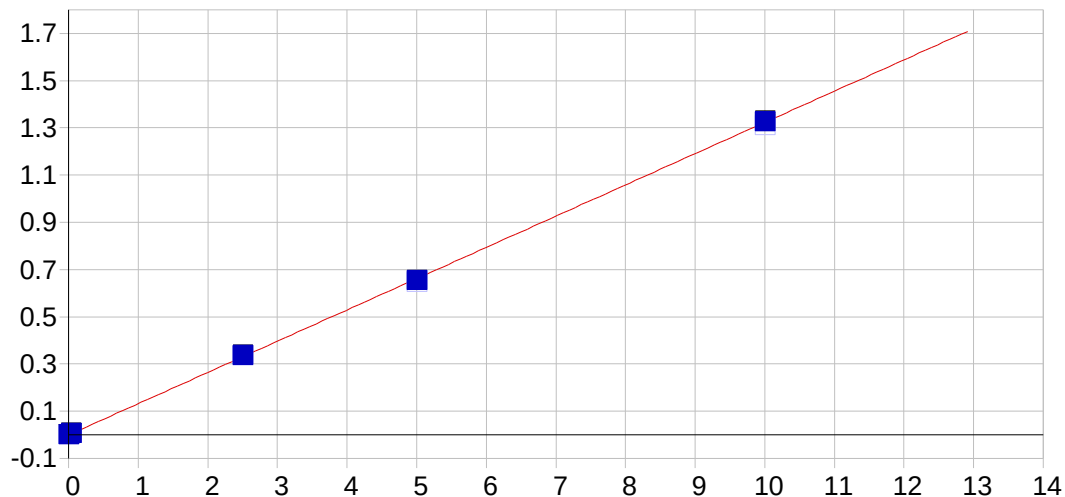
As 189.042 {479}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

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

A1 (Gain): 0.058652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003647
 Predicted MQL: 0.012157

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.02000	.01874	-.001	-6.32	.00100	.000	1
S3	2.5000	2.5447	.045	1.79	.14915	.000	1
S4	5.0000	4.9485	-.051	-1.03	.29012	.001	1
S5	10.000	10.008	.008	.080	.58685	.001	1

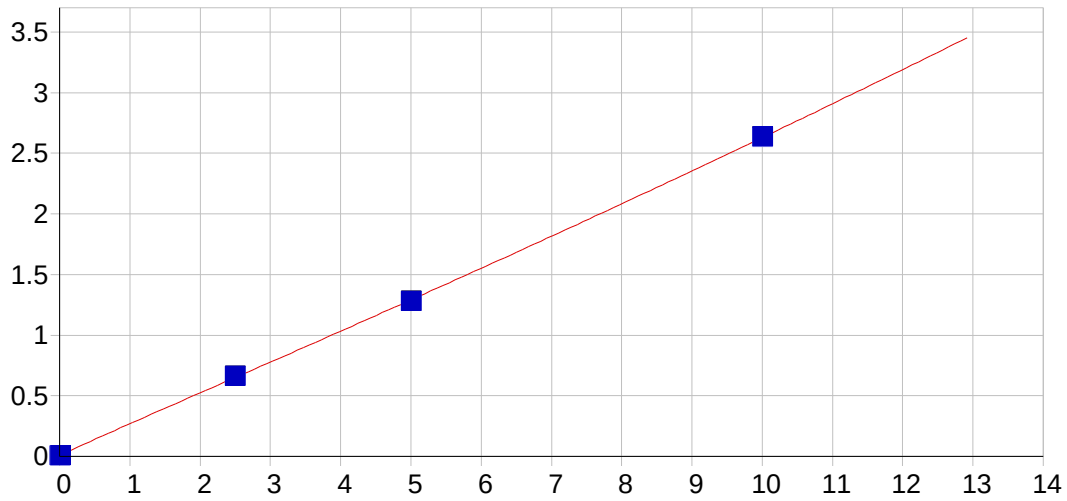


TI 190.856 {477}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000383 Re-Slope: 1.000000
 A1 (Gain): 0.132378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.001767
 Predicted MQL: 0.005891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00038	.000	1
S1	.04000	.04874	.009	21.8	.00593	.000	1
S3	2.5000	2.5463	.046	1.85	.33330	.000	1
S4	5.0000	4.9381	-.062	-1.24	.64652	.001	1
S5	10.000	10.007	.007	.070	1.3108	.003	1

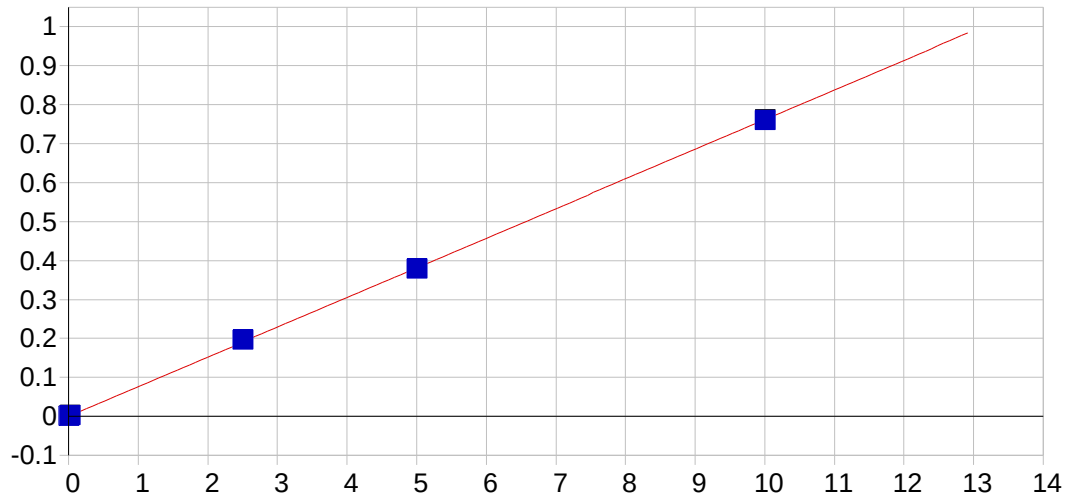


Pb 220.353 {453}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.003754 Re-Slope: 1.000000
 A1 (Gain): 0.262124 Y-int: 0.000000
 A2 (Curvature): 0.003639
 n (Exponent): 0.950000
 Correlation: 0.999973 Status: Warning Positive Curvature
 Std Error of Est: 0.000062
 Predicted MDL: 0.001374
 Predicted MQL: 0.004580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00375	.000	1
S1	.01200	.01100	-.001	-8.30	.00731	.000	1
S3	2.5000	2.5322	.032	1.29	.65768	.003	1
S4	5.0000	4.9538	-.046	-.923	1.2766	.001	1
S5	10.000	10.015	.015	.147	2.6293	.001	1



Se 196.090 {472}

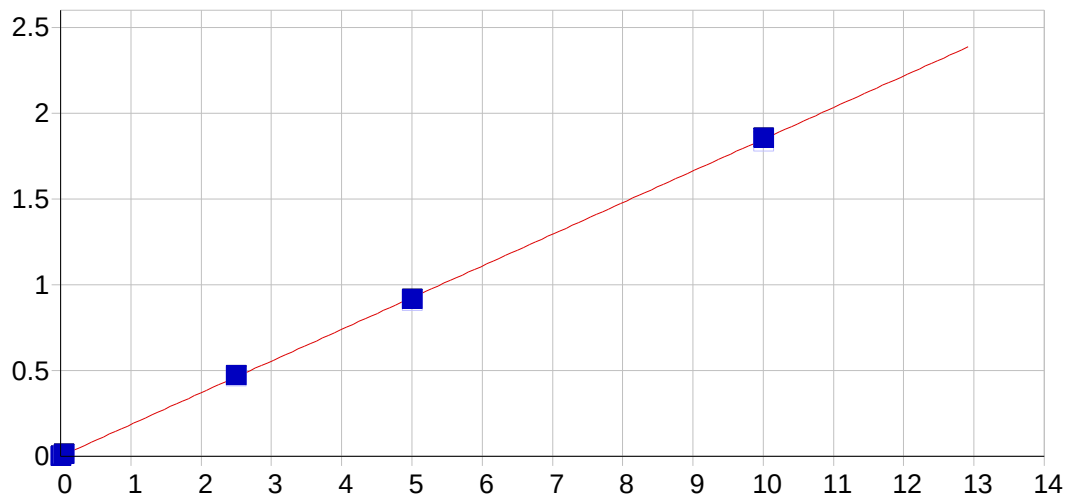
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.076155 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000022
 Predicted MDL: 0.003950
 Predicted MQL: 0.013168

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.02000	.02149	.001	7.45	.00185	.000	1
S3	2.5000	2.5686	.069	2.74	.19583	.000	1
S4	5.0000	4.9556	-.044	-.889	.37761	.001	1
S5	10.000	9.9743	-.026	-.257	.75983	.002	1



Sb 206.833 {463}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

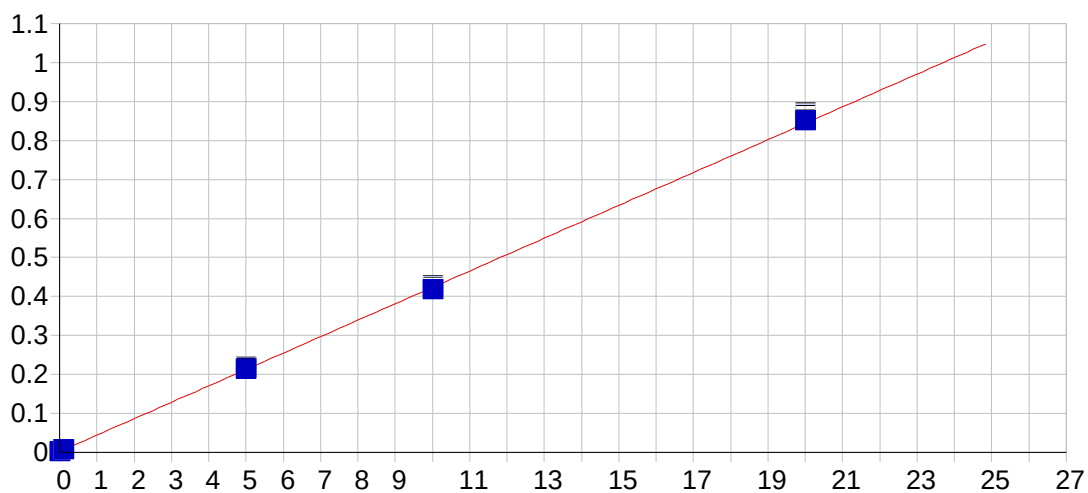
Weighting: 1/Conc

A0 (Offset): 0.001015
 A1 (Gain): 0.184692
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000069
 Predicted MDL: 0.001958
 Predicted MQL: 0.006526

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	.00101	.000	1
S1	.05000	.05486	.005	9.72	.01092	.000	1
S3	2.5000	2.5304	.030	1.22	.46317	.001	1
S4	5.0000	4.9387	-.061	-1.23	.90277	.000	1
S5	10.000	10.026	.026	.261	1.8320	.002	1

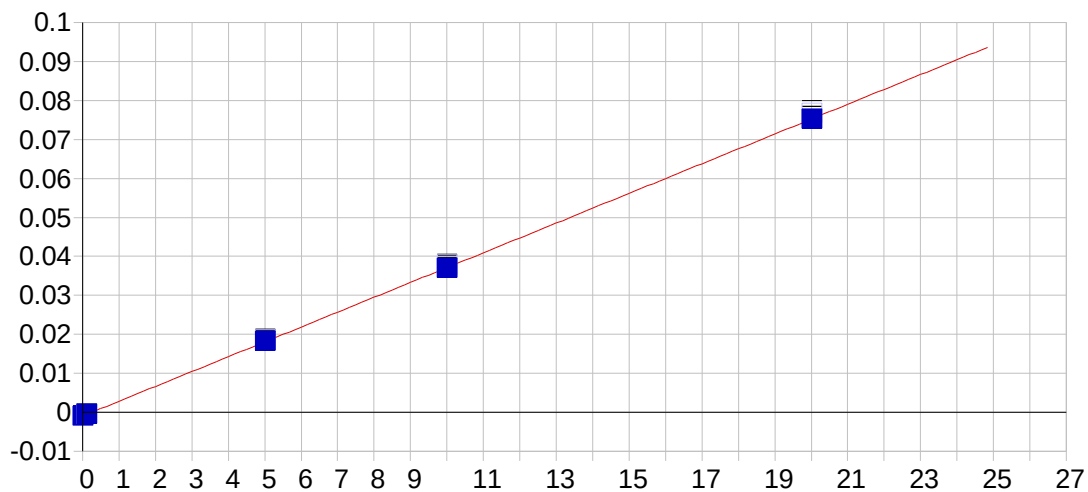


AI 308.215 {109}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002234 Re-Slope: 1.000000
 A1 (Gain): 0.042106 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.003738
 Predicted MQL: 0.012461

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00223	.000	1
S1	.10000	.10489	.005	4.89	.00694	.000	1
S3	5.0000	5.0238	.024	.475	.21796	.001	1
S4	10.000	9.8333	-.167	-1.67	.42466	.001	1
S5	20.000	20.138	.138	.689	.86692	.003	1



AI 309.271 {109}

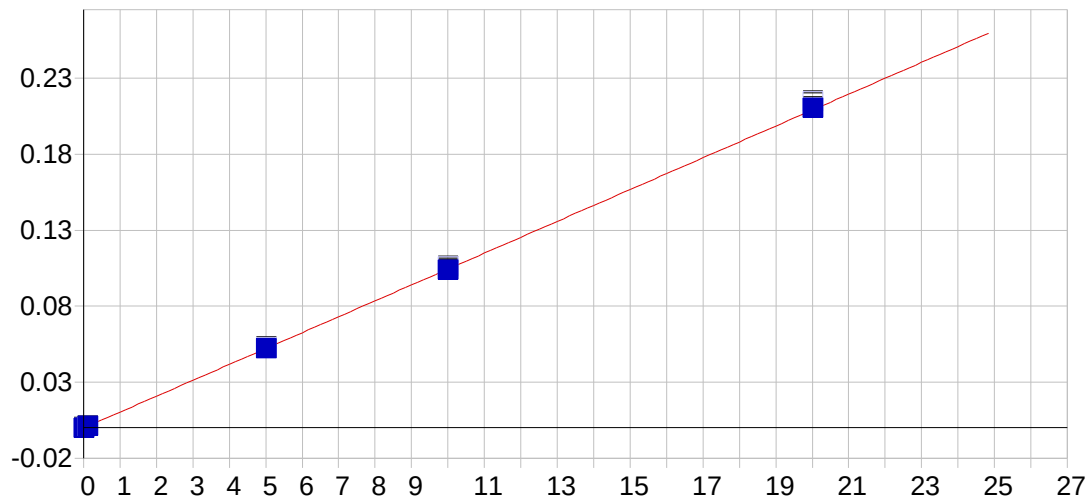
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000969 Re-Slope: 1.000000
 A1 (Gain): 0.003809 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000002
 Predicted MDL: 0.030526
 Predicted MQL: 0.101754

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00097	.000	1
S1	.10000	.10752	.008	7.52	-.00053	.000	1
S3	5.0000	5.0432	.043	.863	.01862	.000	1
S4	10.000	9.9691	-.031	-.309	.03776	.000	1
S5	20.000	19.980	-.020	-.101	.07665	.001	1



AI 396.152 { 85}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

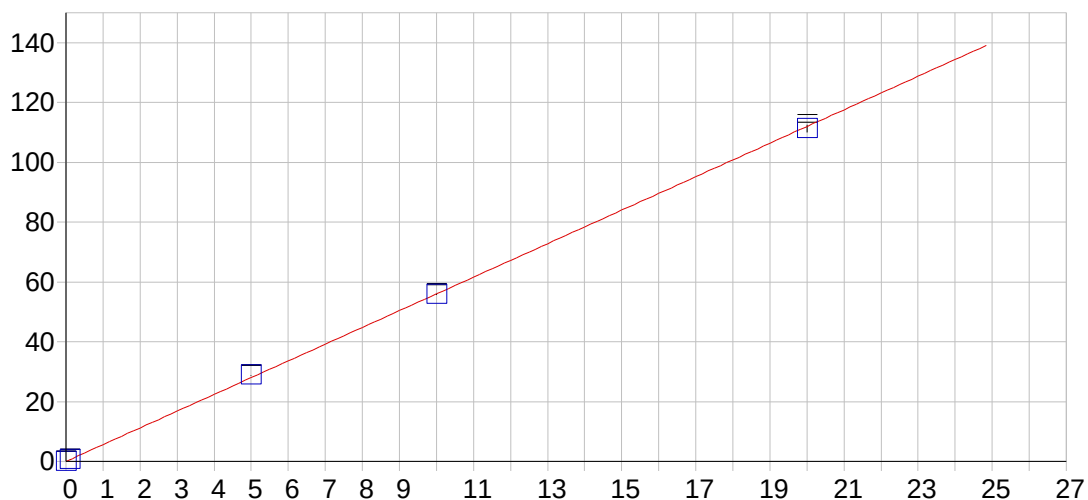
Weighting: 1/Conc

A0 (Offset): -0.000065
 A1 (Gain): 0.010451
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000007
 Predicted MDL: 0.015059
 Predicted MQL: 0.050196

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	-.00007	.000	1
S1	.10000	.10920	.009	9.20	.00115	.000	1
S3	5.0000	4.9666	-.033	-.668	.05288	.000	1
S4	10.000	9.9145	-.086	-.855	.10563	.001	1
S5	20.000	20.109	.109	.546	.21426	.001	1

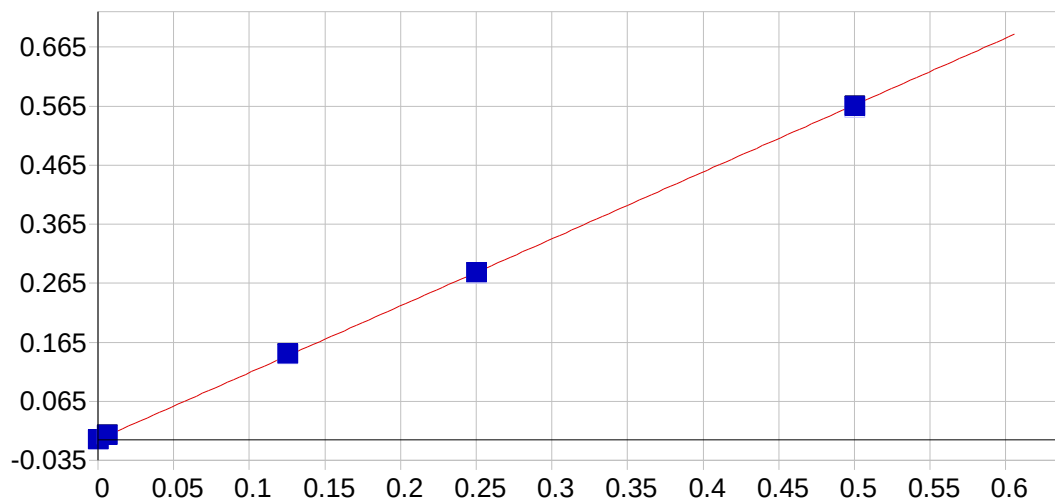


Ba 493.409 { 68}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016133 Re-Slope: 1.000000
 A1 (Gain): 5.598186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.005649
 Predicted MDL: 0.000694
 Predicted MQL: 0.002312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01607	.003	1
S1	.10000	.10982	.010	9.82	.63094	.002	1
S3	5.0000	5.1438	.144	2.88	28.812	.052	1
S5	20.000	19.858	-.142	-.708	111.19	1.26	1
S4	10.000	9.9880	-.012	-.120	55.931	.206	1



Be 234.861 {144}

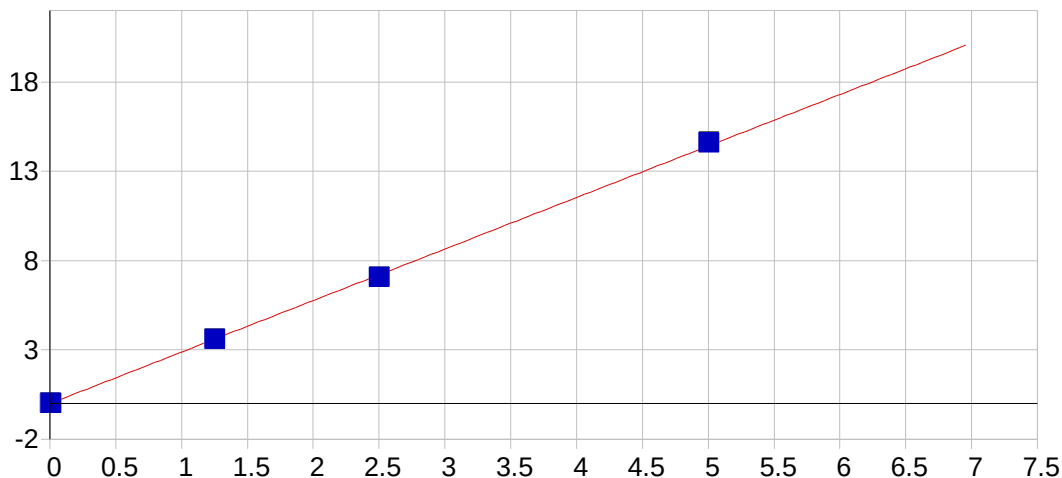
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 1.133842 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939
 Std Error of Est: 0.000037
 Predicted MDL: 0.000083
 Predicted MQL: 0.000275

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.00600	.00651	.001	8.48	.00729	.000	1
S3	.12500	.12752	.003	2.02	.14368	.000	1
S4	.25000	.24889	-.001	-.444	.28040	.000	1
S5	.50000	.49808	-.002	-.383	.56116	.000	1



Cd 226.502 {449}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

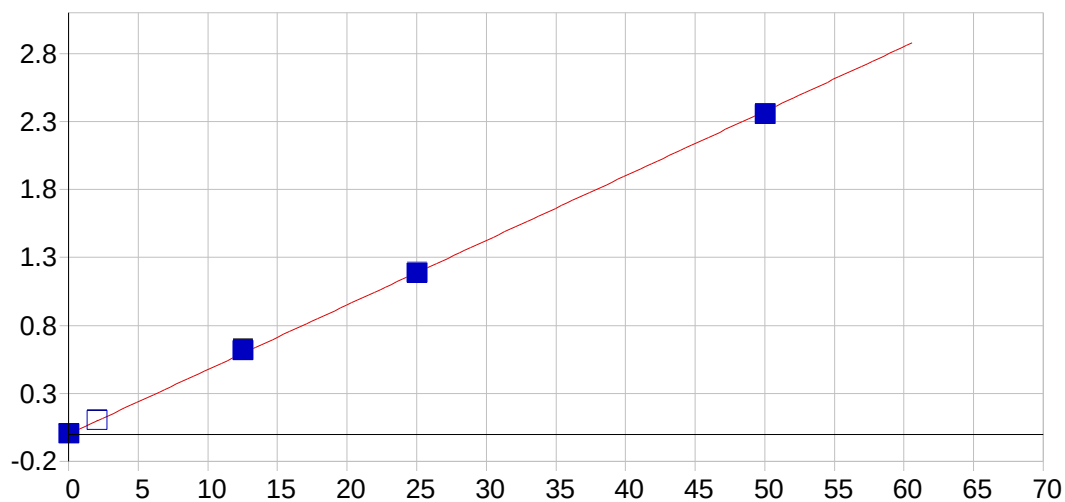
Weighting: 1/Conc

A0 (Offset): -0.000760
 A1 (Gain): 2.883332
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000420
 Predicted MDL: 0.000133
 Predicted MQL: 0.000442

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	-.00076	.000	1
S1	.00600	.00644	.000	7.35	.01784	.000	1
S3	1.2500	1.2418	-.008	-.656	3.5806	.005	1
S4	2.5000	2.4444	-.056	-2.22	7.0489	.006	1
S5	5.0000	5.0633	.063	1.27	14.602	.009	1

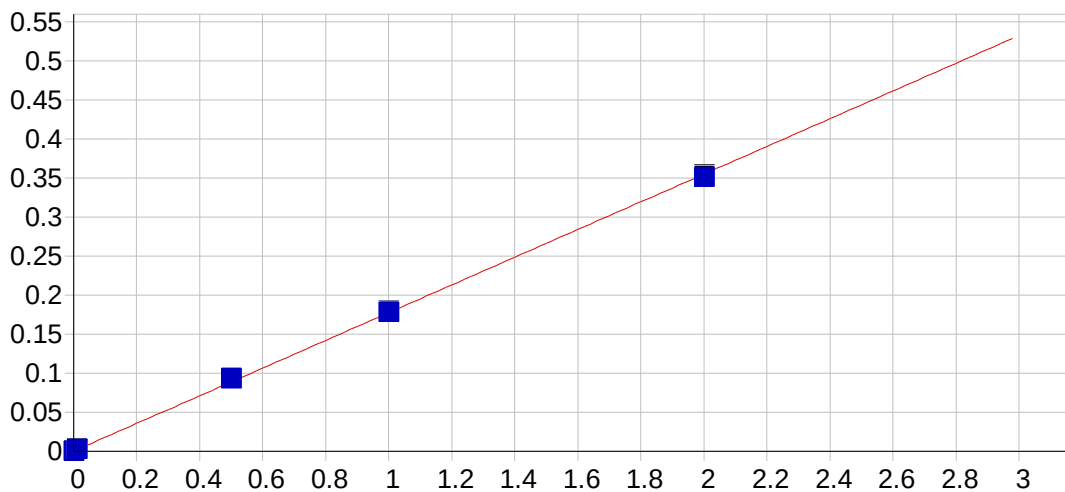


Ca 373.690 { 90}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000432 Re-Slope: 1.000000
 A1 (Gain): 0.047500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.000494
 Predicted MDL: 0.020151
 Predicted MQL: 0.067170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1427	.143	7.14	.10221	.001	1
S0	.00000	-.00019	-.000	.000	.00042	.001	1
S3	12.500	12.950	.450	3.60	.61587	.008	1
S4	25.000	24.956	-.044	-.176	1.1865	.003	1
S5	50.000	49.451	-.549	-1.10	2.3506	.006	1



Cr 267.716 {126}

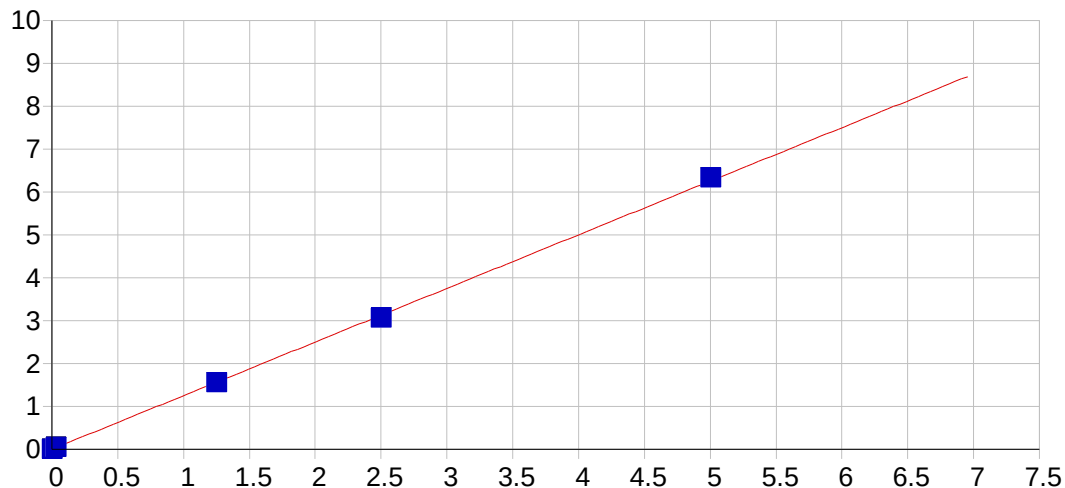
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.177466 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835
 Std Error of Est: 0.000025
 Predicted MDL: 0.000627
 Predicted MQL: 0.002089

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01000	.01131	.001	13.1	.00220	.000	1
S3	.50000	.51896	.019	3.79	.09295	.000	1
S4	1.0000	1.0031	.003	.314	.17954	.000	1
S5	2.0000	1.9766	-.023	-1.17	.35362	.001	1



Co 228.616 {447}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

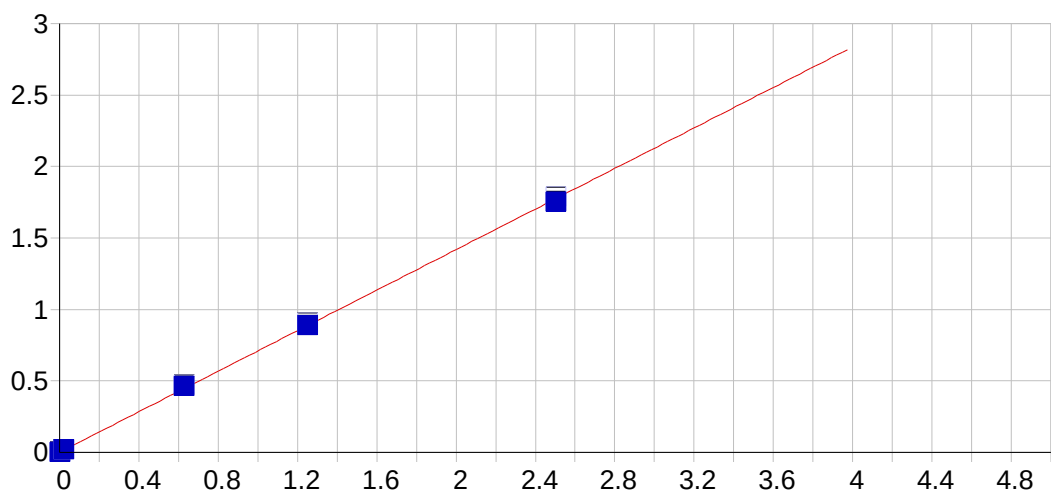
Weighting: 1/Conc

A0 (Offset): 0.001361
 A1 (Gain): 1.250121
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.000436
 Predicted MDL: 0.000285
 Predicted MQL: 0.000950

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	.00136	.000	1
S1	.03000	.03379	.004	12.6	.04334	.000	1
S3	1.2500	1.2423	-.008	-.616	1.5556	.003	1
S4	2.5000	2.4449	-.055	-2.20	3.0603	.003	1
S5	5.0000	5.0590	.059	1.18	6.3306	.002	1

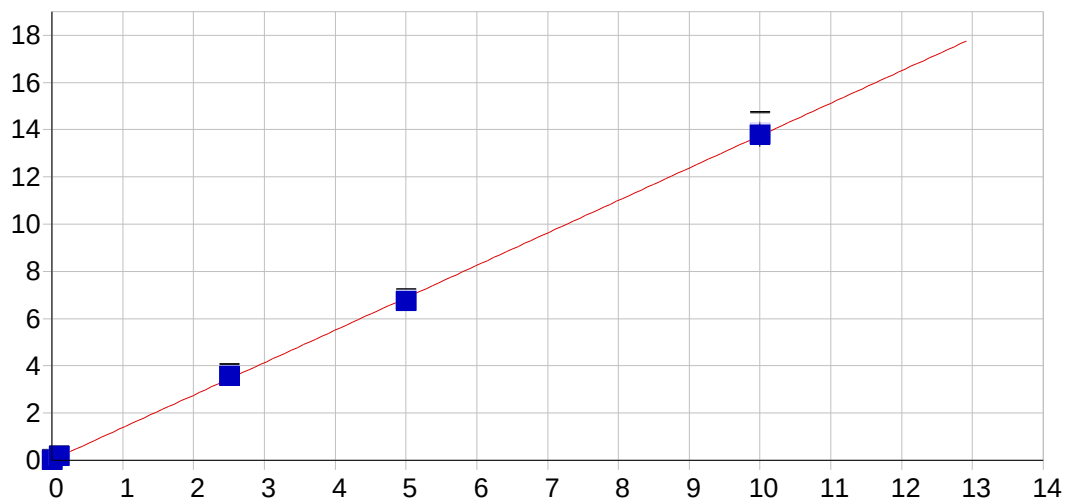


Cu 224.700 {450}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000853 Re-Slope: 1.000000
 A1 (Gain): 0.708950 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000655
 Predicted MQL: 0.002184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00085	.000	1
S1	.02000	.02257	.003	12.8	.01710	.001	1
S3	.62500	.64952	.025	3.92	.46920	.000	1
S4	1.2500	1.2516	.002	.129	.90392	.000	1
S5	2.5000	2.4713	-.029	-1.15	1.7844	.003	1



Fe 240.488 {140}

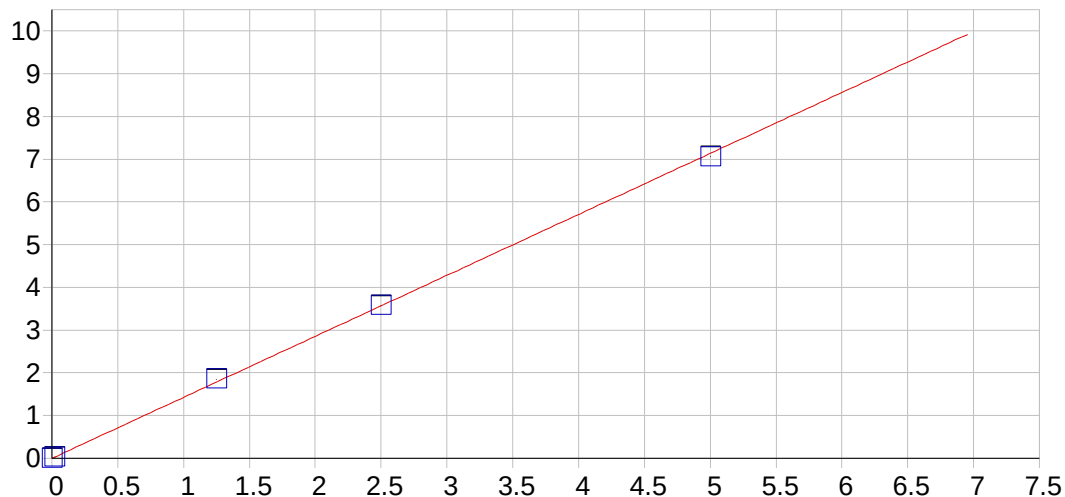
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011992 Re-Slope: 1.000000
 A1 (Gain): 1.374006 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.001320
 Predicted MDL: 0.008896
 Predicted MQL: 0.029654

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01198	.002	1
S1	.10000	.10568	.006	5.68	.15786	.005	1
S3	2.5000	2.5836	.084	3.34	3.5791	.068	1
S4	5.0000	4.8907	-.109	-2.19	6.7664	.061	1
S5	10.000	10.020	.020	.200	13.849	.491	1



Mn 257.610 {131}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

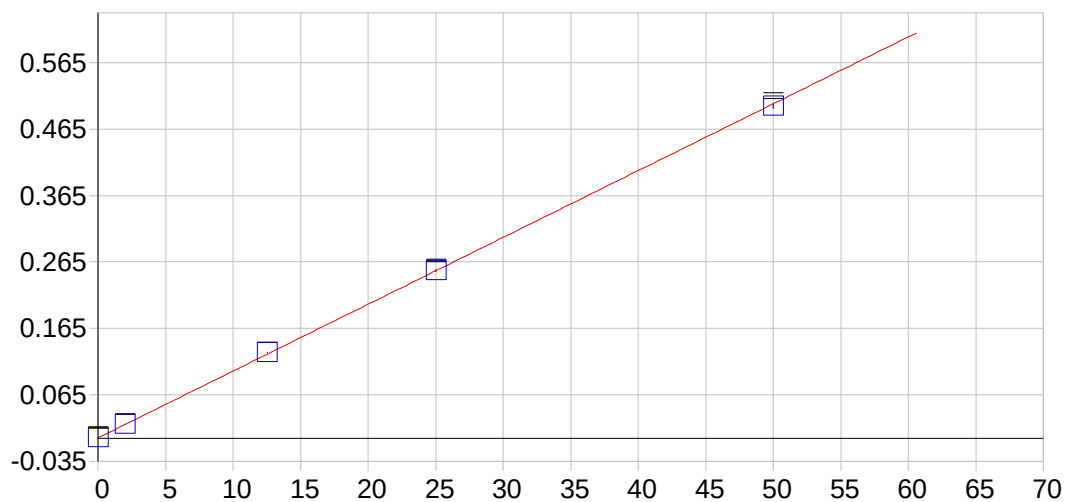
Weighting: 1/Conc

A0 (Offset): 0.000245
 A1 (Gain): 1.427048
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831
 Std Error of Est: 0.000449
 Predicted MDL: 0.000078
 Predicted MQL: 0.000261

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	.00024	.000	1
S1	.02000	.02346	.003	17.3	.03373	.000	1
S3	1.2500	1.2971	.047	3.77	1.8513	.002	1
S4	2.5000	2.5037	.004	.147	3.5731	.006	1
S5	5.0000	4.9458	-.054	-1.08	7.0581	.009	1

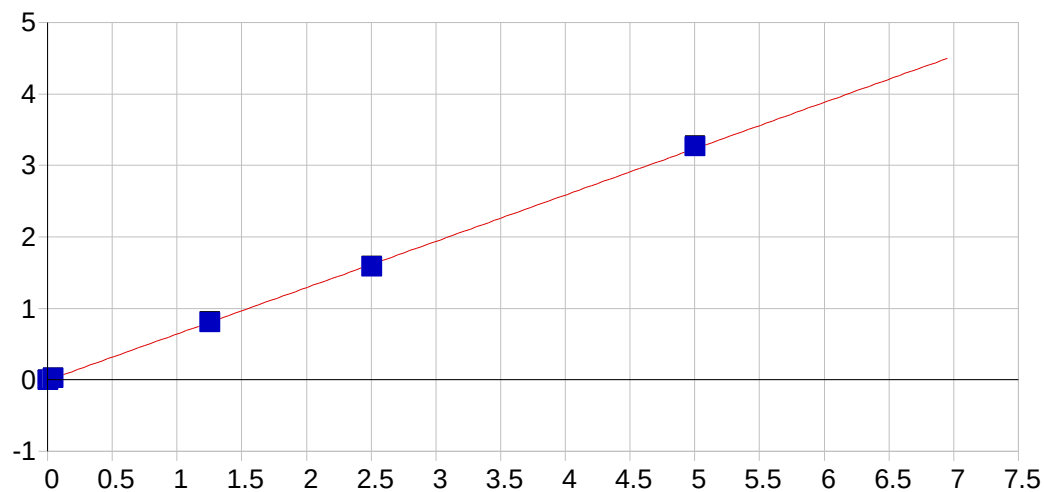


Mg 279.079 {121}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000368 Re-Slope: 1.000000
 A1 (Gain): 0.010052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.046815
 Predicted MQL: 0.156048

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0369	.037	1.85	.02084	.000	1
S0	.00000	-.00007	-.000	.000	.00037	.001	1
S3	12.500	12.754	.254	2.03	.12857	.000	1
S4	25.000	25.019	.019	.078	.25186	.002	1
S5	50.000	49.690	-.310	-.621	.49983	.004	1



Ni 231.604 {445}

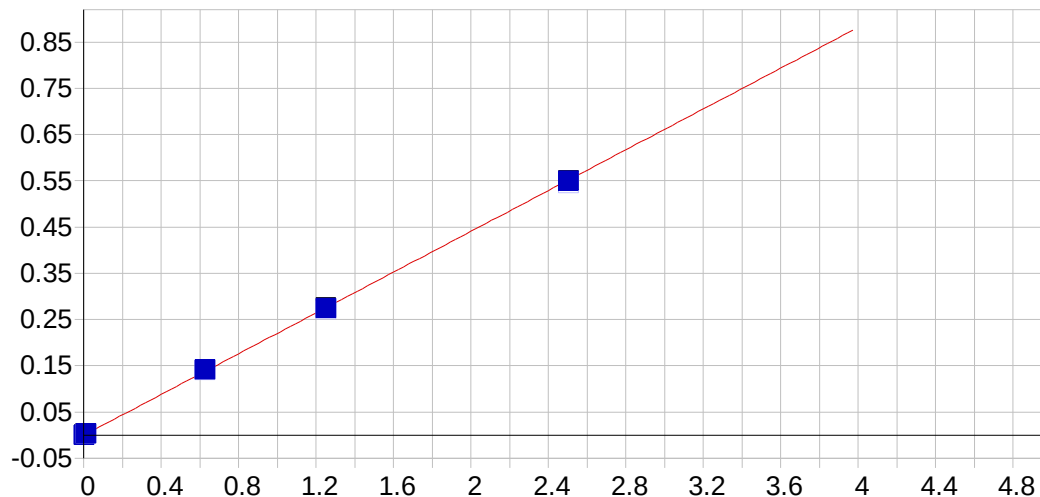
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006790 Re-Slope: 1.000000
 A1 (Gain): 0.648208 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000231
 Predicted MDL: 0.000582
 Predicted MQL: 0.001941

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00679	.000	1
S1	.04000	.04466	.005	11.7	.02218	.000	1
S3	1.2500	1.2500	-.000	-.004	.80433	.002	1
S4	2.5000	2.4507	-.049	-1.97	1.5836	.001	1
S5	5.0000	5.0446	.045	.893	3.2667	.002	1



Ag 328.068 {103}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

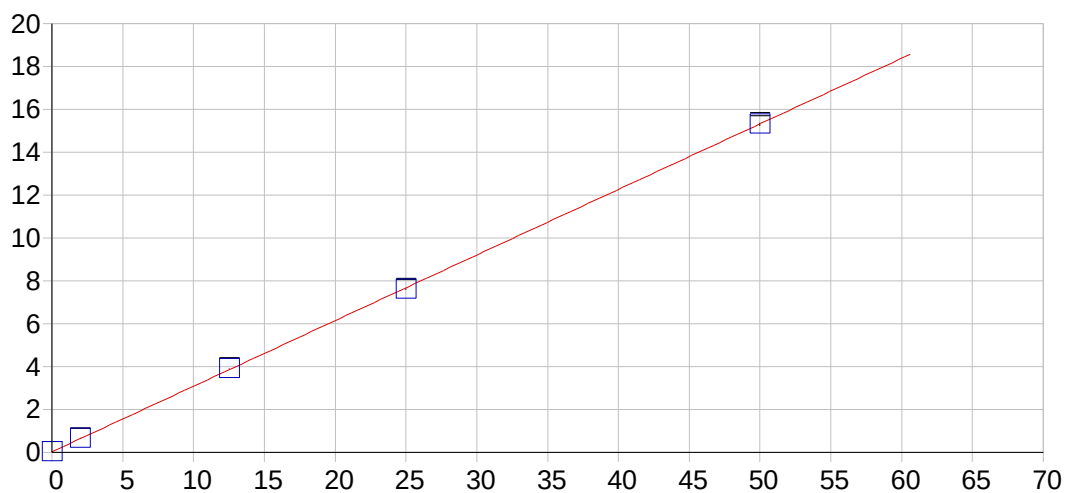
Weighting: 1/Conc

A0 (Offset): -0.000216
 A1 (Gain): 0.220460
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000019
 Predicted MDL: 0.000762
 Predicted MQL: 0.002541

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	-.00022	.000	1
S1	.01000	.01063	.001	6.32	.00208	.000	1
S3	.62500	.63933	.014	2.29	.13917	.000	1
S4	1.2500	1.2420	-.008	-.639	.27047	.001	1
S5	2.5000	2.4930	-.007	-.279	.54314	.000	1

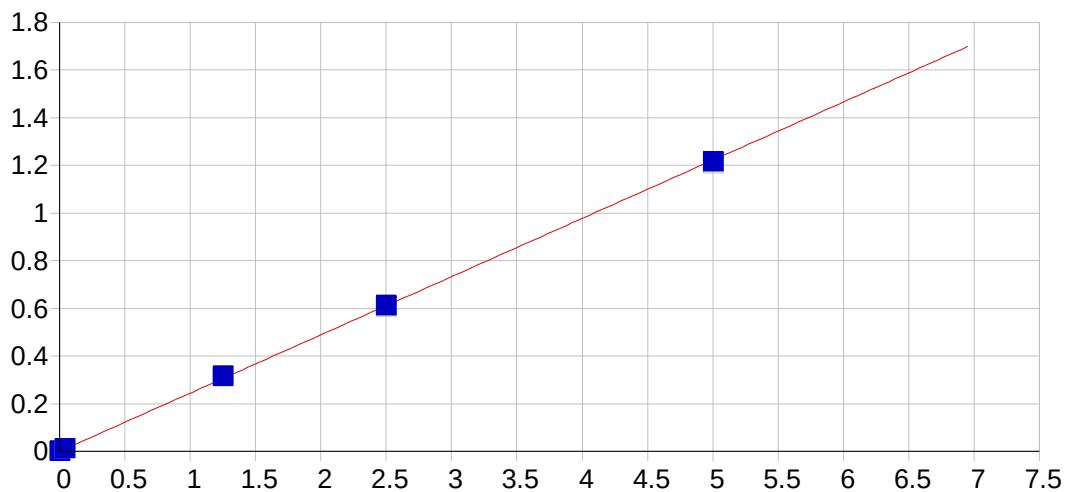


Na 589.592 { 57}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028325 Re-Slope: 1.000000
 A1 (Gain): 0.305942 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.001666
 Predicted MDL: 0.010019
 Predicted MQL: 0.033398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0717	.072	3.59	.66215	.002	1
S0	.00000	-.00009	-.000	.000	.02830	.001	1
S3	12.500	12.727	.227	1.81	3.9220	.009	1
S4	25.000	24.770	-.230	-.921	7.6064	.023	1
S5	50.000	49.932	-.068	-.137	15.305	.071	1



V 292.402 {115}

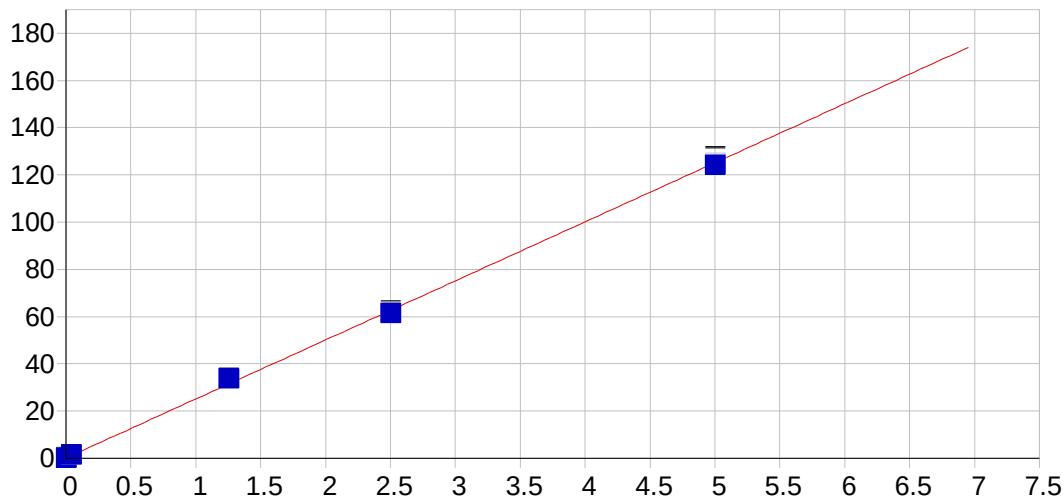
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.244398 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000099
 Predicted MDL: 0.000599
 Predicted MQL: 0.001996

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.04000	.04661	.007	16.5	.01126	.000	1
S3	1.2500	1.2870	.037	2.96	.31257	.000	1
S4	2.5000	2.4922	-.008	-.310	.60513	.002	1
S5	5.0000	4.9642	-.036	-.716	1.2053	.002	1



Zn 206.200 {163}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

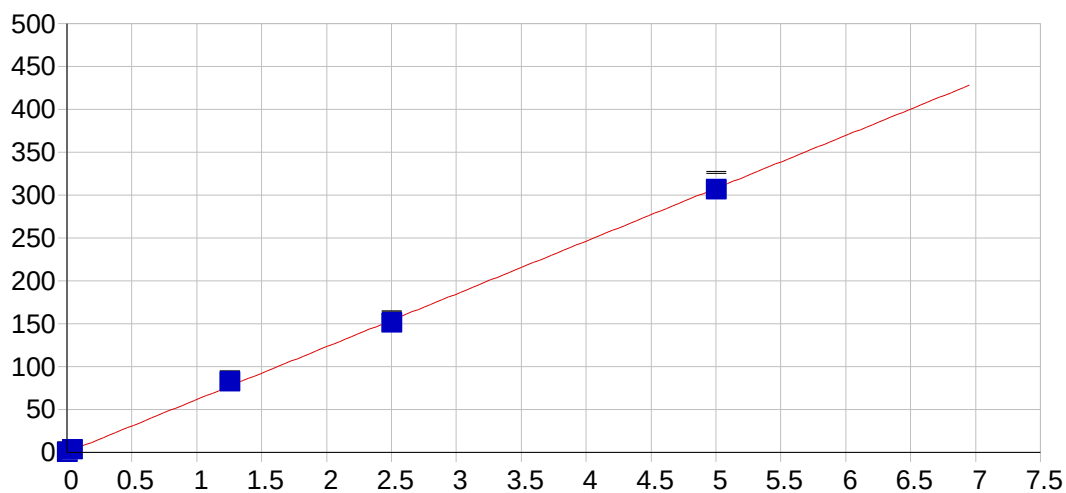
Weighting: 1/Conc

A0 (Offset): 0.106778
 A1 (Gain): 25.011768
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999544
 Std Error of Est: 0.018385
 Predicted MDL: 0.000597
 Predicted MQL: 0.001990

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	.10661	.031	1
S1	.04000	.04525	.005	13.1	1.2450	.014	1
S3	1.2500	1.3368	.087	6.94	33.730	.053	1
S4	2.5000	2.4479	-.052	-2.08	61.712	.548	1
S5	5.0000	4.9601	-.040	-.799	124.92	2.83	1

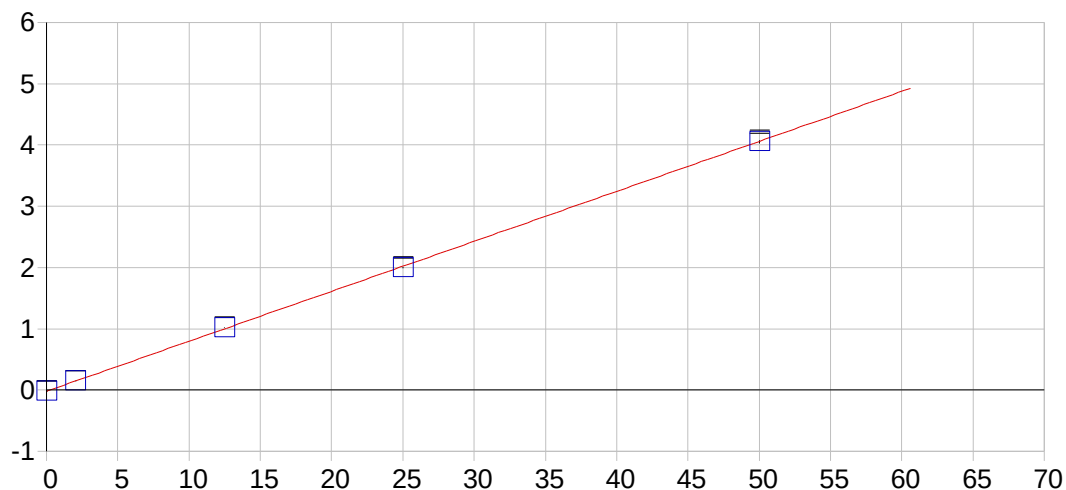


Zn 213.856 {458}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.070804 Re-Slope: 1.000000
 A1 (Gain): 61.568405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999525 Status: OK.
 Std Error of Est: 0.046186
 Predicted MDL: 0.000118
 Predicted MQL: 0.000393

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07037	.001	1
S1	.04000	.04538	.005	13.4	2.8809	.048	1
S3	1.2500	1.3375	.087	7.00	82.884	.338	1
S4	2.5000	2.4416	-.058	-2.33	151.33	1.55	1
S5	5.0000	4.9655	-.035	-.690	307.65	7.66	1



K 766.490 {44}

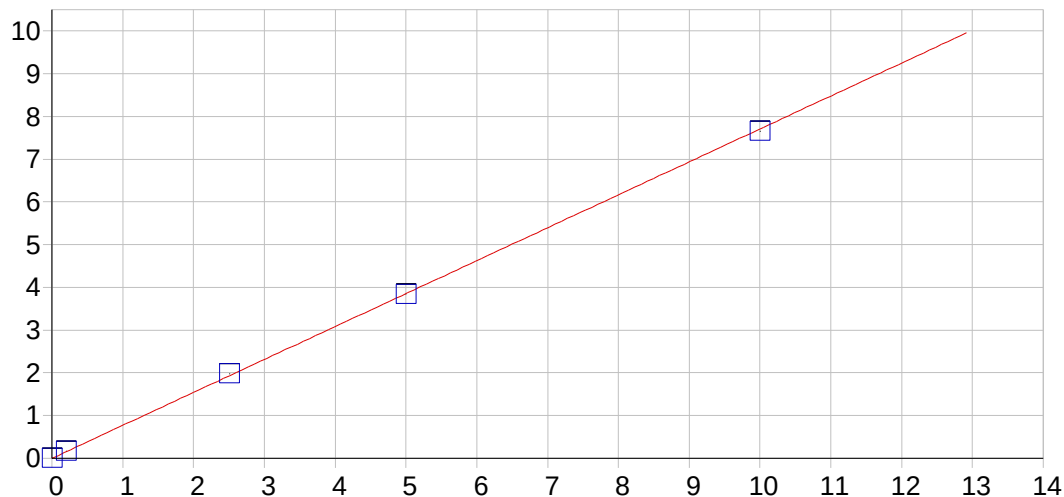
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019236 Re-Slope: 1.000000
 A1 (Gain): 0.081569 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000502
 Predicted MDL: 0.040242
 Predicted MQL: 0.134139

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0776	.078	3.88	.15023	.002	1
S0	.00000	-.00010	-.000	.000	-.01924	.002	1
S3	12.500	12.760	.260	2.08	1.0216	.003	1
S4	25.000	24.734	-.266	-1.06	1.9983	.006	1
S5	50.000	49.928	-.072	-.144	4.0533	.024	1



Mo 202.030 {467}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

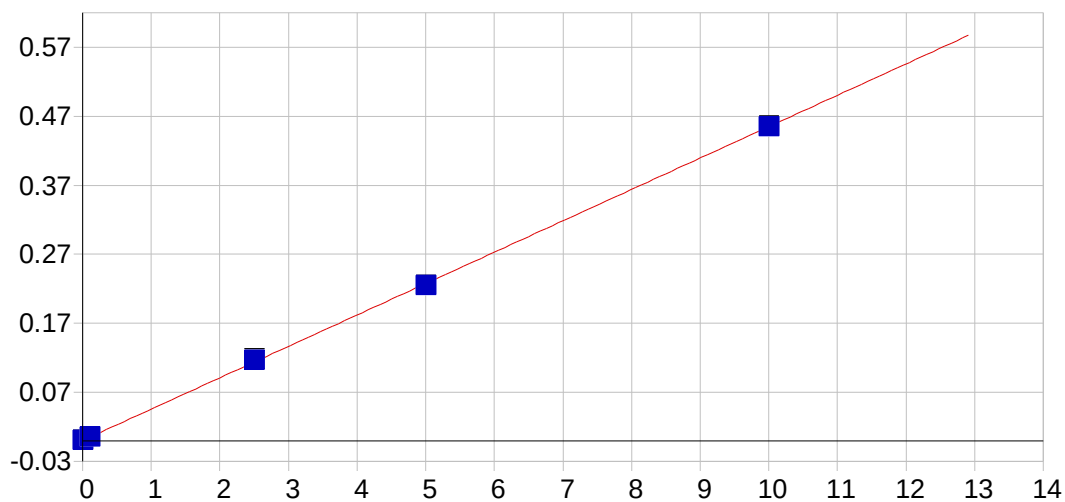
Weighting: 1/Conc

A0 (Offset): 0.000521
 A1 (Gain): 0.770790
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000867
 Predicted MDL: 0.000378
 Predicted MQL: 0.001259

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	.00051	.000	1
S1	.20000	.21604	.016	8.02	.16704	.002	1
S3	2.5000	2.5706	.071	2.82	1.9819	.001	1
S4	5.0000	4.9785	-.022	-.431	3.8379	.005	1
S5	10.000	9.9349	-.065	-.651	7.6582	.000	1

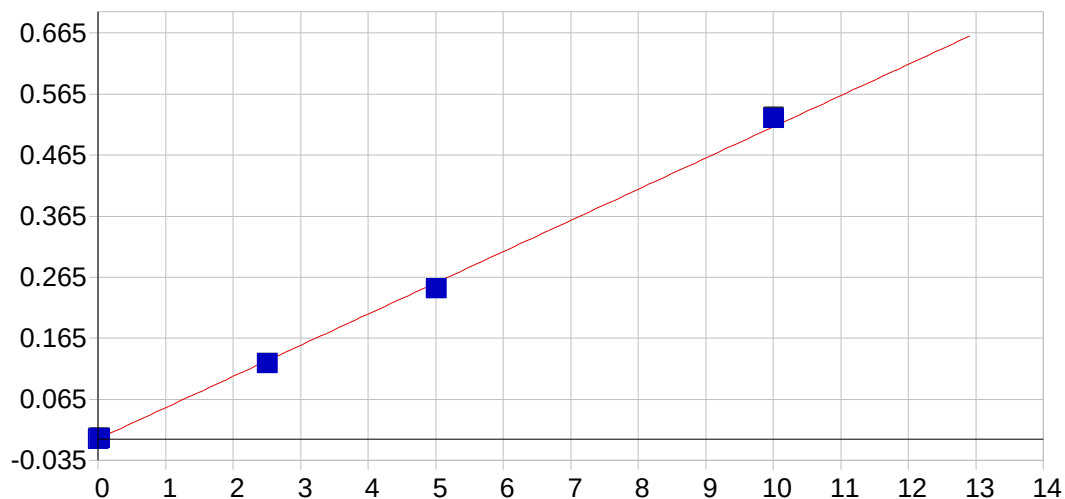


B 249.678 {135}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.045477 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.008823
 Predicted MQL: 0.029409

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00017	.001	1
S1	.10000	.10532	.005	5.32	.00494	.000	1
S3	2.5000	2.5646	.065	2.58	.11653	.002	1
S4	5.0000	4.9359	-.064	-1.28	.22411	.000	1
S5	10.000	9.9941	-.006	-.059	.45361	.001	1



S 182.034 {485}

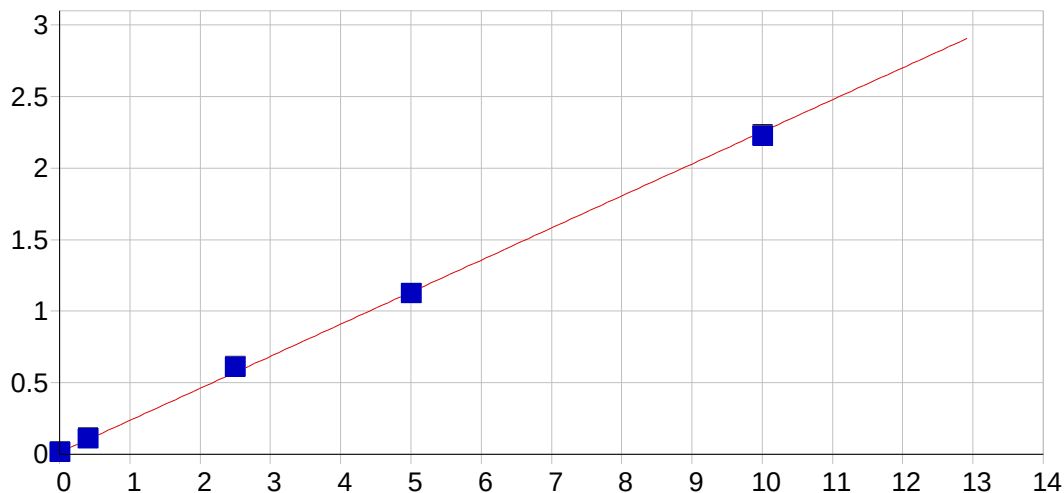
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.051118 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999506
 Std Error of Est: 0.000039
 Predicted MDL: 0.003980
 Predicted MQL: 0.013268

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.02000	.01871	-.001	-6.44	.00099	.000	1
S3	2.5000	2.4120	-.088	-3.52	.12322	.000	1
S4	5.0000	4.8169	-.183	-3.66	.24601	.000	1
S5	10.000	10.272	.272	2.72	.52459	.001	1



Si 288.158 {117}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

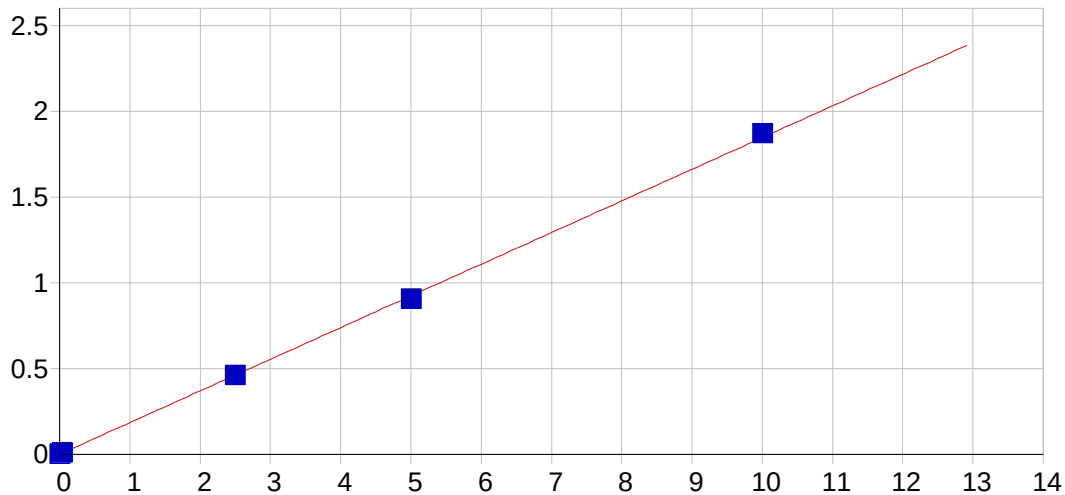
Weighting: 1/Conc

A0 (Offset): 0.012759
 A1 (Gain): 0.224122
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999609
 Std Error of Est: 0.000684
 Predicted MDL: 0.003848
 Predicted MQL: 0.012826

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	-.00005	-.000	.000	.01275	.001	1
S1	.40000	.43154	.032	7.88	.10940	.001	1
S3	2.5000	2.6517	.152	6.07	.60677	.004	1
S4	5.0000	4.9516	-.048	-.968	1.1219	.002	1
S5	10.000	9.8652	-.135	-1.35	2.2226	.007	1

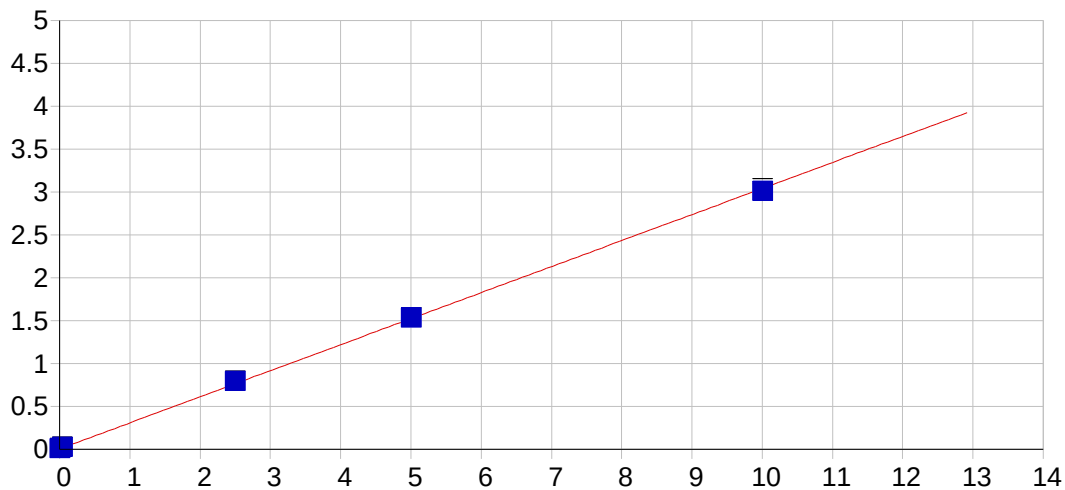


Sn 189.989 {477}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000926 Re-Slope: 1.000000
 A1 (Gain): 0.184560 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000984
 Predicted MQL: 0.003281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00093	.000	1
S1	.04000	.04298	.003	7.45	.00886	.000	1
S3	2.5000	2.4805	-.019	-.779	.45881	.001	1
S4	5.0000	4.8916	-.108	-2.17	.90388	.001	1
S5	10.000	10.125	.125	1.25	1.8699	.000	1



Ti 336.121 {100}

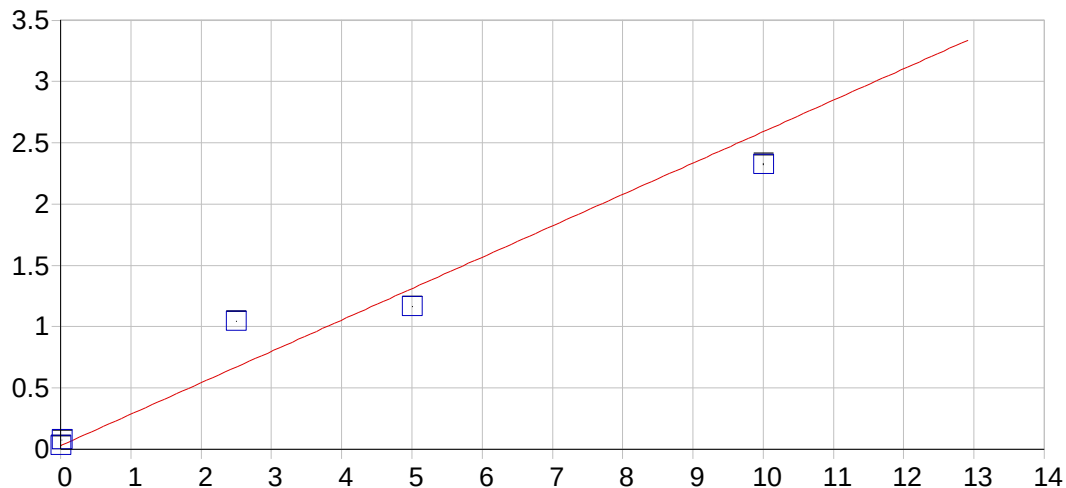
Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005324 Re-Slope: 1.000000
 A1 (Gain): 0.303577 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000177
 Predicted MDL: 0.002214
 Predicted MQL: 0.007379

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00532	.000	1
S1	.04000	.04622	.006	15.5	.01935	.001	1
S3	2.5000	2.5844	.084	3.37	.78978	.002	1
S4	5.0000	5.0194	.019	.388	1.5289	.002	1
S5	10.000	9.8900	-.110	-1.10	3.0073	.031	1



Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

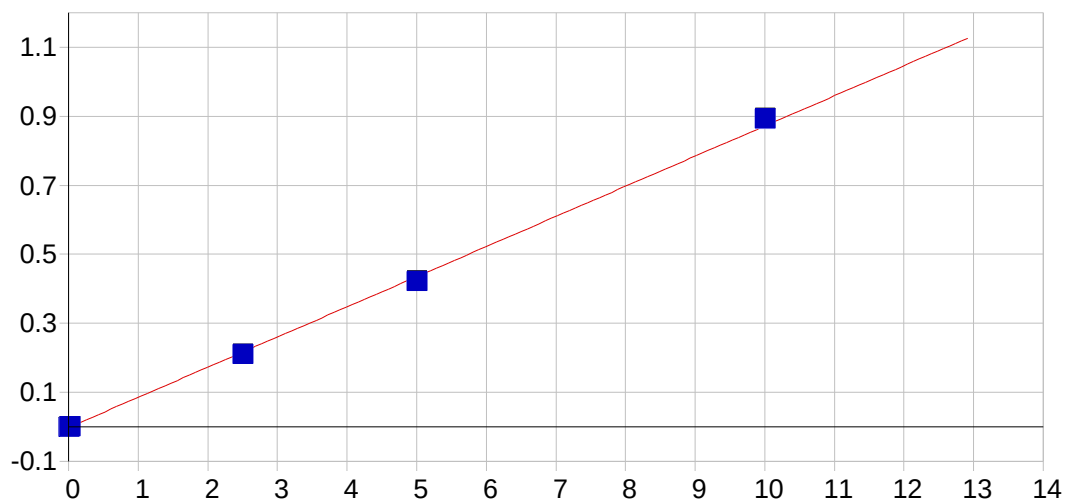
Weighting: 1/Conc

A0 (Offset): 0.030194
 A1 (Gain): 0.256105
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.940453
 Std Error of Est: 0.002236
 Predicted MDL: 0.012527
 Predicted MQL: 0.041756

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	-.00017	-.000	.000	.03015	.002	1
S1	.02000	.17895	.159	795.	.07602	.001	1
S3	2.5000	3.9574	1.46	58.3	1.0437	.002	1
S4	5.0000	4.4270	-.573	-11.5	1.1640	.002	1
S5	10.000	8.9566	-1.04	-10.4	2.3240	.007	1

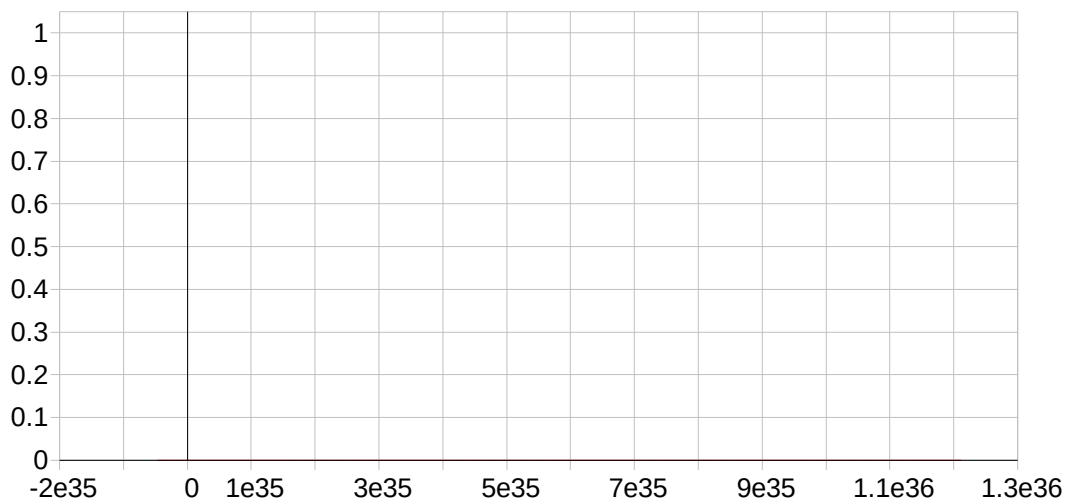


P 177.495 {490}

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001860 Re-Slope: 1.000000
 A1 (Gain): 0.087377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999633 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002238
 Predicted MQL: 0.007458

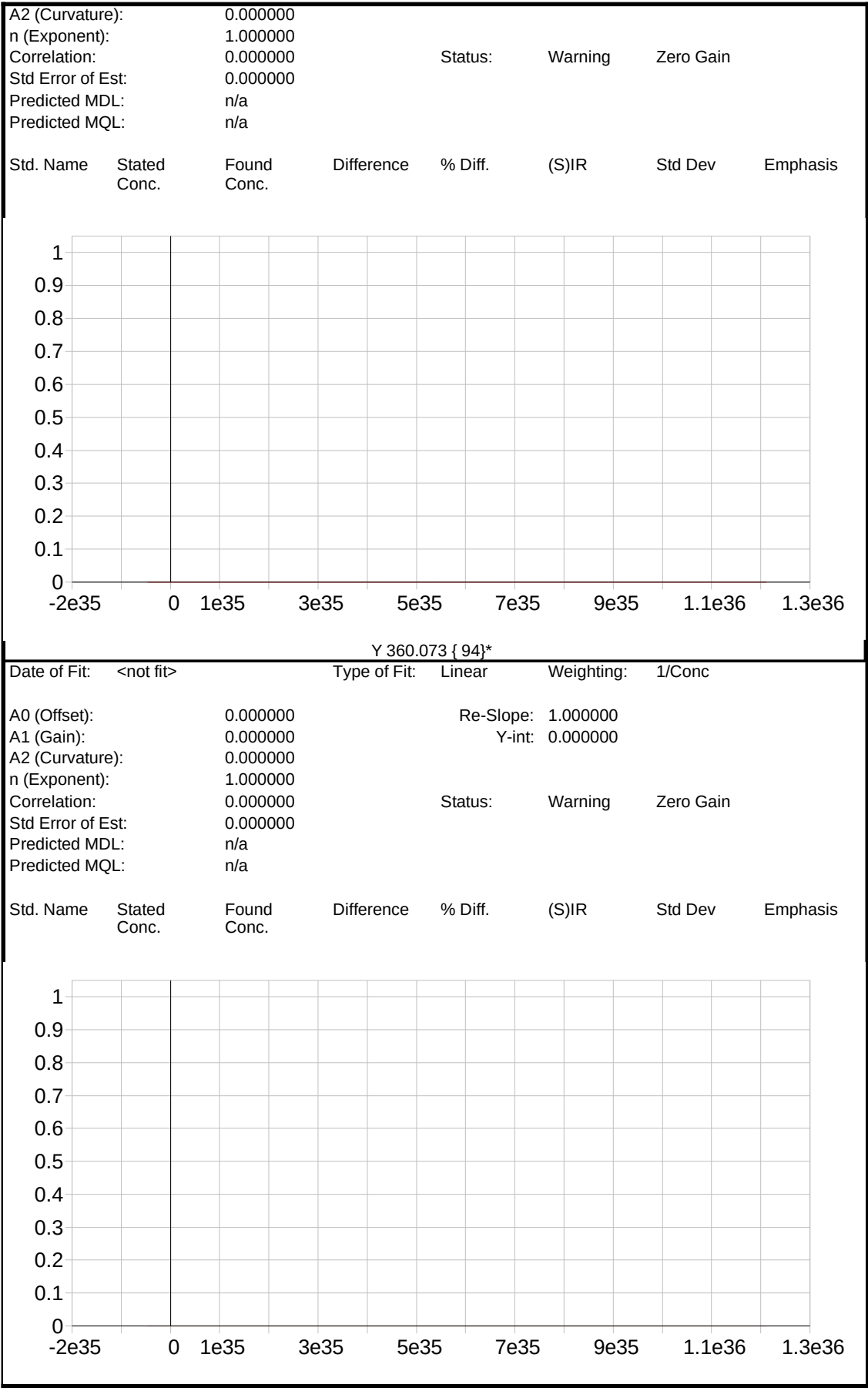
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00186	.000	1
S1	.02000	.01930	-.001	-3.49	-.00018	.000	1
S3	2.5000	2.4183	-.082	-3.27	.20913	.000	1
S4	5.0000	4.8478	-.152	-3.04	.42109	.001	1
S5	10.000	10.235	.235	2.35	.89115	.001	1

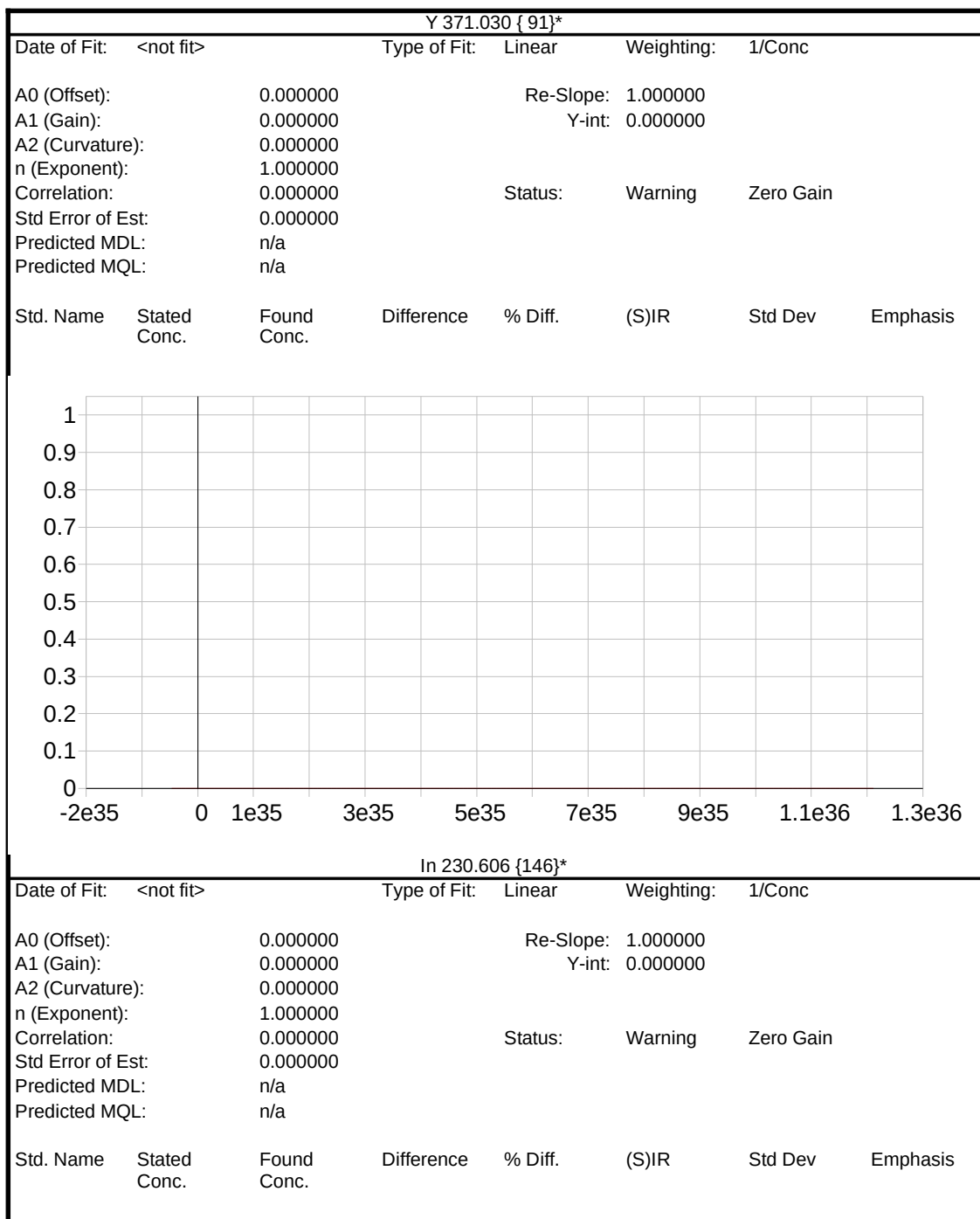


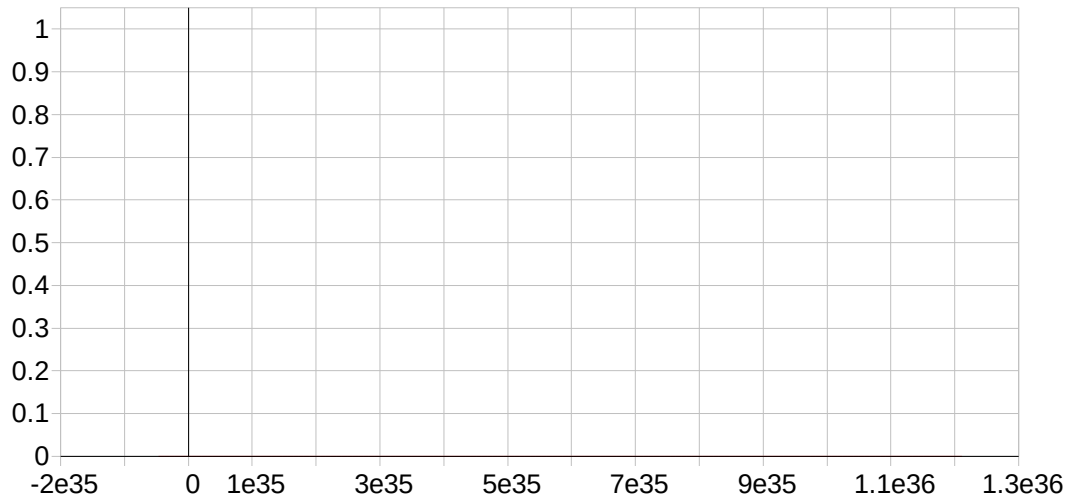
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

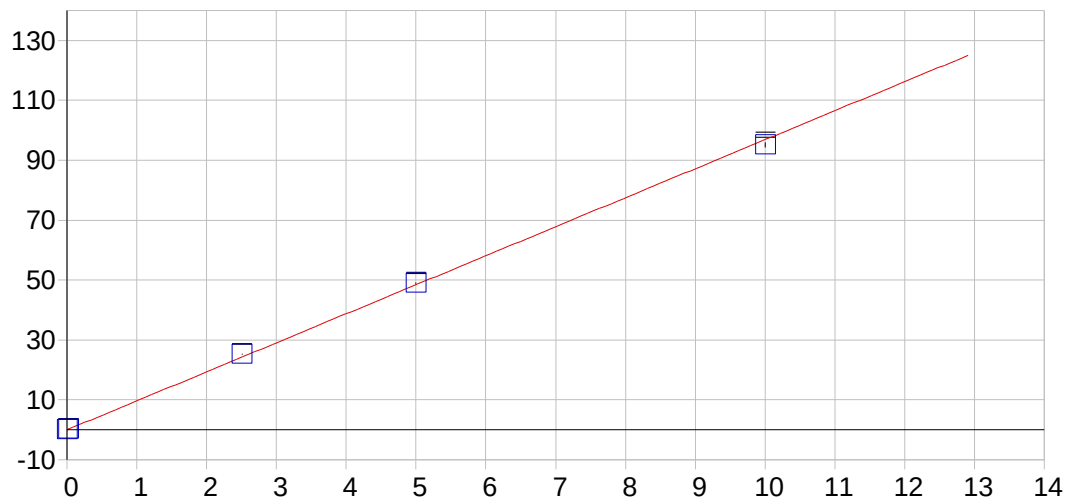
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 9/18/2018 13:29:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007163

Re-Slope: 1.000000

A1 (Gain): 9.686973

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999732

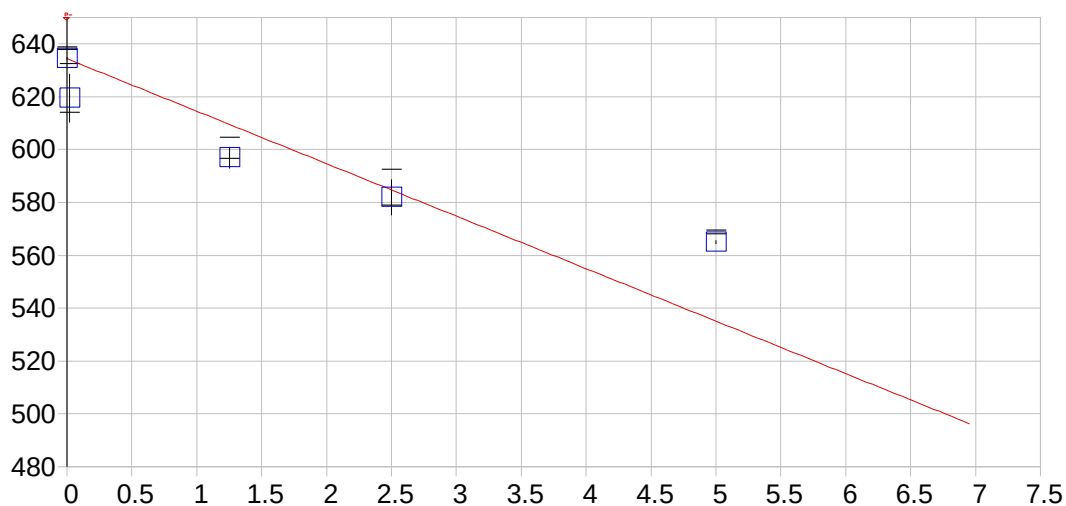
Status: OK.

Std Error of Est: 0.005419

Predicted MDL: 0.000129

Predicted MQL: 0.000430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00719	.000	1
S1	.02000	.02156	.002	7.78	.20164	.001	1
S3	2.5000	2.6165	.117	4.66	25.339	.023	1
S4	5.0000	5.0593	.059	1.19	49.002	.219	1
S5	10.000	9.8227	-.177	-1.77	95.145	.855	1

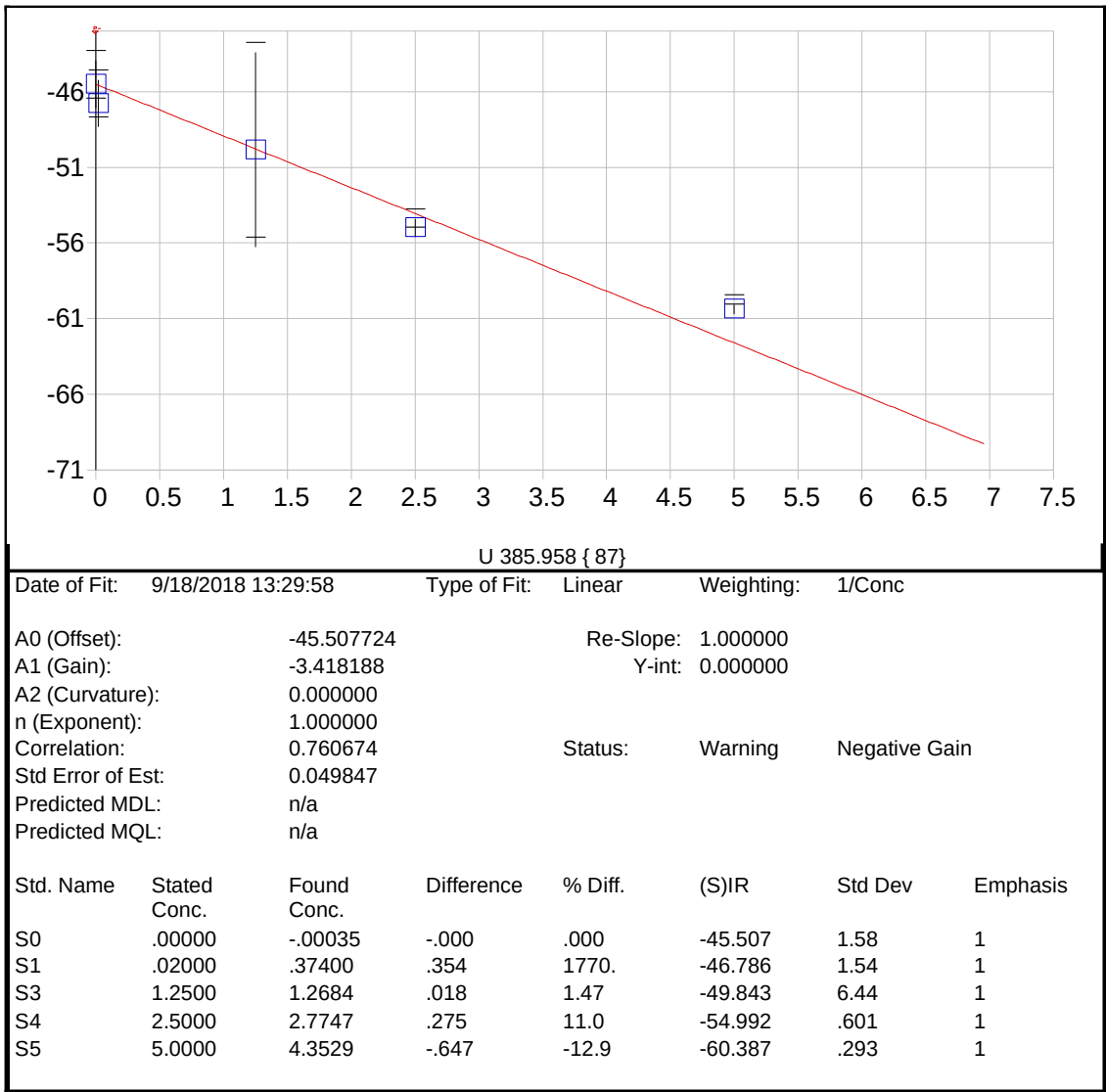


U 367.007 { 92 }

Date of Fit: 9/18/2018 13:29:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 634.399137 Re-Slope: 1.000000
 A1 (Gain): -19.857200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.491765 Status: Warning Negative Gain
 Std Error of Est: 0.600829
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00074	-.001	.000	634.41	.466	1
S1	.02000	.75050	.731	3650.	619.50	9.22	1
S3	1.2500	1.8861	.636	50.9	596.95	3.98	1
S4	2.5000	2.6395	.139	5.58	581.99	6.73	1
S5	5.0000	3.4940	-1.51	-30.1	565.02	.649	1



Sample Name: S0 Acquired: 9/18/2018 12:50:04 Type: Cal
Method: P4-ICP2(v2440) 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	-.00009	-.00038	.00375	.00021	.00101	-.00007	.01607	-.00002
Stddev	.00008	.00022	.00004	.00024	.00030	.00013	.00316	.00002
%RSD	86.959	57.583	1.1606	116.04	29.557	192.57	19.678	116.85
#1	-.00004	-.00023	.00379	.00038	.00123	.00002	.01383	-.00000
#2	-.00015	-.00054	.00372	.00004	.00080	-.00015	.01830	-.00003
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	-.00076	.00042	.00019	.00136	.00085	.01198	.00024	.00037
Stddev	.00011	.00079	.00009	.00002	.00037	.00224	.00005	.00088
%RSD	14.558	187.93	45.191	1.6490	44.039	18.691	18.944	238.61
#1	-.00068	.00099	.00013	.00134	.00112	.01040	.00027	.00099
#2	-.00084	-.00014	.00025	.00137	.00059	.01357	.00021	-.00025
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	-.00679	-.00022	.02830	.00002	.07037	-.01924	.00051	.00017
Stddev	.00003	.00001	.00122	.00000	.00115	.00248	.00009	.00050
%RSD	.48335	2.4173	4.3092	13.987	1.6283	12.894	17.597	302.53
#1	-.00677	-.00021	.02744	.00002	.06956	-.01749	.00057	.00052
#2	-.00682	-.00022	.02916	.00002	.07118	-.02100	.00044	-.00019
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	.00006	.01275	.00093	.00532	.03015	-.0019	-.00719	634.41
Stddev	.00017	.00081	.00001	.00031	.00195	.0001	.00015	.47
%RSD	266.13	6.3181	.60269	5.7314	6.4609	3.634	2.0830	.07351
#1	.00018	.01332	.00092	.00511	.03153	-.0018	-.00729	634.08
#2	-.00006	.01218	.00093	.00554	.02877	-.0019	-.00708	634.74

Sample Name: S0 Acquired: 9/18/2018 12:50:04 Type: Cal
Method: P4-ICP2(v2440) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-45.507
Stddev	1.579
%RSD	3.4692

#1	-44.390
#2	-46.623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.4	31300.	4023.6	97.124	2672.3
Stddev	11.6	28.	6.5	1.250	12.8
%RSD	.53729	.09033	.16248	1.2868	.47736

#1	2156.2	31320.	4028.2	96.240	2663.3
#2	2172.6	31280.	4019.0	98.008	2681.4

Sample Name: S1 Acquired: 9/18/2018 12:54:07 Type: Cal
Method: P4-ICP2(v2440) 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	.00100	.00593	.00731	.00185	.01092	.00115	.63094	.00729
Stddev	.00013	.00007	.00011	.00018	.00010	.00002	.00227	.00001
%RSD	12.994	1.2502	1.5268	9.9270	.92574	1.6812	.35955	.09626

#1	.00110	.00598	.00723	.00172	.01099	.00116	.62933	.00729
#2	.00091	.00588	.00739	.00198	.01085	.00113	.63254	.00730

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	.01784	.00220	.04334	.01710	.15786	.03373	.02218	.00208
Stddev	.00029	.00003	.00003	.00068	.00478	.00000	.00032	.00005
%RSD	1.6112	1.3871	.07324	3.9549	3.0261	.00237	1.4352	2.3164

#1	.01805	.00218	.04337	.01758	.16124	.03373	.02240	.00205
#2	.01764	.00223	.04332	.01662	.15449	.03373	.02195	.00212

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	.01126	2.8809	.16704	.00494	.00099	.10940	.00886	.01935
Stddev	.00001	.0482	.00193	.00021	.00010	.00066	.00001	.00062
%RSD	.09447	1.6725	1.1550	4.2424	10.005	.60539	.12187	3.2067

#1	.01127	2.9150	.16840	.00509	.00106	.10893	.00885	.01979
#2	.01125	2.8468	.16568	.00479	.00092	.10987	.00886	.01891

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07602	-.0002	.20164	619.50	-46.786
Stddev	.00129	.0000	.00083	9.22	1.544
%RSD	1.6961	20.66	.40947	1.4883	3.2993

#1	.07694	-.0002	.20106	612.98	-47.878
#2	.07511	-.0002	.20222	626.02	-45.695

Sample Name: S1 Acquired: 9/18/2018 12:54:07 Type: Cal
Method: P4-ICP2(v2440) 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	2165.2	31251.	4061.7	101.75	2663.0
Stddev	12.0	6.	34.1	.61	13.9
%RSD	.55592	.02031	.83841	.59810	.52094
#1	2156.7	31255.	4085.8	101.32	2653.1
#2	2173.7	31246.	4037.6	102.18	2672.8

Sample Name: S2 Acquired: 9/18/2018 12:58:21 Type: Cal
Method: P4-ICP2(v2440) 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	.10221	.02084	.66215	.15023
Stddev	.00074	.00002	.00200	.00177
%RSD	.71971	.11197	.30255	1.1758

#1	.10273	.02086	.66073	.15148
#2	.10169	.02083	.66356	.14898

Int. Std.	Y_3710
Units	Cts/S
Avg	4021.3
Stddev	5.0
%RSD	.12392

#1	4017.7
#2	4024.8

Sample Name: S3 Acquired: 9/18/2018 13:02:20 Type: Cal
Method: P4-ICP2(v2440) 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	.14915	.33330	.65768	.19583	.46317	.05288	28.812	.14368
Stddev	.00032	.00003	.00271	.00031	.00072	.00041	.052	.00012
%RSD	.21201	.00767	.41219	.15681	.15516	.77619	.18162	.08449

#1	.14892	.33332	.65960	.19561	.46368	.05259	28.775	.14359
#2	.14937	.33328	.65577	.19605	.46266	.05317	28.849	.14376

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5806	.61587	.09295	1.5556	.46920	3.5791	1.8513	.12857
Stddev	.0055	.00840	.00025	.0030	.00026	.0682	.0023	.00022
%RSD	.15355	1.3644	.26675	.19466	.05452	1.9056	.12260	.16837

#1	3.5845	.60993	.09313	1.5578	.46938	3.5309	1.8529	.12841
#2	3.5767	.62182	.09277	1.5535	.46902	3.6274	1.8497	.12872

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	.80433	.13917	3.9220	.31257	82.884	1.0216	1.9819	.11653
Stddev	.00176	.00042	.0092	.00022	.338	.0026	.0008	.00154
%RSD	.21929	.30012	.23460	.06946	.40824	.25230	.04068	1.3182

#1	.80557	.13946	3.9155	.31242	82.644	1.0198	1.9825	.11545
#2	.80308	.13887	3.9285	.31273	83.123	1.0234	1.9814	.11762

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	.12322	.60677	.45881	.78978	1.0437	.2091	25.339	596.95
Stddev	.00011	.00444	.00106	.00216	.0020	.0005	.023	3.98
%RSD	.09144	.73115	.23174	.27323	.18913	.2264	.08887	.66653

#1	.12330	.60363	.45956	.78825	1.0451	.2095	25.323	599.76
#2	.12314	.60991	.45806	.79131	1.0423	.2088	25.355	594.13

Sample Name: S3 Acquired: 9/18/2018 13:02:20 Type: Cal
 Method: P4-ICP2(v2440) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-49.843
Stddev	6.438
%RSD	12.916

#1	-45.291
#2	-54.396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.7	30558.	4005.7	95.451	2512.6
Stddev	4.8	49.	4.9	.114	12.2
%RSD	.22618	.16145	.12183	.11930	.48500

#1	2114.3	30523.	4002.3	95.532	2504.0
#2	2121.1	30593.	4009.2	95.371	2521.2

Sample Name: S4 Acquired: 9/18/2018 13:06:08 Type: Cal
Method: P4-ICP2(v2440) 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	.29012	.64652	1.2766	.37761	.90277	.10563	55.931	.28040
Stddev	.00054	.00150	.0007	.00056	.00024	.00059	.206	.00045
%RSD	.18494	.23166	.05734	.14858	.02605	.55560	.36810	.16139
#1	.28974	.64758	1.2761	.37722	.90294	.10605	56.077	.28072
#2	.29050	.64546	1.2772	.37801	.90260	.10522	55.786	.28008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.0489	1.1865	.17954	3.0603	.90392	6.7664	3.5731	.25186
Stddev	.0063	.0027	.00002	.0028	.00026	.0607	.0061	.00181
%RSD	.08953	.23026	.00947	.09018	.02825	.89641	.17028	.71962
#1	7.0534	1.1845	.17955	3.0622	.90410	6.7235	3.5774	.25057
#2	7.0445	1.1884	.17953	3.0583	.90374	6.8093	3.5688	.25314
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	1.5836	.27047	7.6064	.60513	151.33	1.9983	3.8379	.22411
Stddev	.0012	.00091	.0227	.00229	1.55	.0056	.0052	.00012
%RSD	.07764	.33749	.29794	.37790	1.0234	.27966	.13518	.05178
#1	1.5844	.27112	7.6224	.60674	150.23	2.0023	3.8342	.22403
#2	1.5827	.26983	7.5904	.60351	152.42	1.9943	3.8415	.22419
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	.24601	1.1219	.90388	1.5289	1.1640	.4211	49.002	581.99
Stddev	.00001	.0022	.00063	.0017	.0021	.0006	.219	6.73
%RSD	.00300	.19901	.07021	.11014	.17980	.1485	.44687	1.1569
#1	.24602	1.1235	.90343	1.5301	1.1655	.4206	49.157	577.23
#2	.24601	1.1203	.90433	1.5277	1.1625	.4215	48.847	586.75

Sample Name: S4 Acquired: 9/18/2018 13:06:08 Type: Cal
Method: P4-ICP2(v2440) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-54.992
Stddev	.601
%RSD	1.0923

#1	-55.417
#2	-54.567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.7	30133.	4031.4	98.214	2416.1
Stddev	5.0	126.	16.9	.727	9.1
%RSD	.23939	.41690	.41827	.73995	.37779

#1	2085.2	30044.	4019.5	98.728	2409.7
#2	2092.2	30222.	4043.3	97.700	2422.6

Sample Name: S5 Acquired: 9/18/2018 13:09:55 Type: Cal
Method: P4-ICP2(v2440) 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	.58685	1.3108	2.6293	.75983	1.8320	.21426	111.19	.56116
Stddev	.00052	.0032	.0012	.00169	.0024	.00076	1.26	.00011
%RSD	.08898	.24693	.04449	.22290	.12898	.35676	1.1377	.02042
#1	.58648	1.3085	2.6301	.76103	1.8337	.21480	112.08	.56124
#2	.58722	1.3130	2.6285	.75864	1.8303	.21372	110.29	.56108
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	14.602	2.3506	.35362	6.3306	1.7844	13.849	7.0581	.49983
Stddev	.009	.0057	.00097	.0016	.0025	.491	.0092	.00414
%RSD	.06083	.24406	.27372	.02516	.14011	3.5449	.13053	.82922
#1	14.608	2.3547	.35293	6.3318	1.7826	14.196	7.0516	.50276
#2	14.596	2.3466	.35430	6.3295	1.7861	13.502	7.0646	.49690
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	3.2667	.54314	15.305	1.2053	307.65	4.0533	7.6582	.45361
Stddev	.0020	.00017	.071	.0017	7.66	.0238	.0004	.00132
%RSD	.06144	.03112	.46500	.13661	2.4910	.58652	.00554	.29061
#1	3.2682	.54326	15.355	1.2041	313.07	4.0701	7.6579	.45268
#2	3.2653	.54302	15.254	1.2064	302.23	4.0365	7.6585	.45454
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	.52459	2.2226	1.8699	3.0073	2.3240	.8911	95.145	565.02
Stddev	.00145	.0073	.0003	.0311	.0072	.0008	.855	.65
%RSD	.27726	.32962	.01729	1.0326	.30783	.0843	.89908	.11484
#1	.52356	2.2174	1.8697	3.0293	2.3190	.8906	95.750	565.48
#2	.52562	2.2277	1.8701	2.9854	2.3291	.8917	94.540	564.56

Sample Name: S5 Acquired: 9/18/2018 13:09:55 Type: Cal
 Method: P4-ICP2(v2440) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-60.387
Stddev	.293
%RSD	.48518

#1	-60.594
#2	-60.180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.4	29776.	4020.0	94.630	2264.1
Stddev	3.1	45.	2.1	2.439	3.4
%RSD	.15377	.15249	.05278	2.5780	.14904

#1	2039.2	29744.	4021.5	92.905	2261.8
#2	2043.6	29808.	4018.5	96.355	2266.5

Sample Name: ICV01 Acquired: 9/18/2018 13:13:52 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0364	1.0490	.99575	1.0408	.98230	2.4873	.50130
Stddev	.0040	.0029	.00047	.0041	.00461	.0253	.00422
%RSD	.39010	.27349	.04755	.39079	.46910	1.0177	.84202

#1	1.0336	1.0510	.99542	1.0380	.98556	2.4694	.50429
#2	1.0393	1.0470	.99609	1.0437	.97904	2.5052	.49832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48219	.49968	10.033	.49617	.48109	.51089	4.9628
Stddev	.00009	.00158	.017	.00219	.00098	.00016	.0230
%RSD	.01776	.31651	.16544	.44084	.20281	.03063	.46301

#1	.48213	.50080	10.022	.49462	.48040	.51078	4.9465
#2	.48225	.49856	10.045	.49771	.48178	.51100	4.9790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50742	5.8770	.48580	.50022	9.7849	.49575	1.0080
Stddev	.00004	.0290	.00216	.00256	.0402	.00092	.0015
%RSD	.00885	.49379	.44387	.51185	.41121	.18557	.15387

#1	.50745	5.8976	.48428	.49841	9.8134	.49640	1.0091
#2	.50739	5.8565	.48733	.50203	9.7564	.49510	1.0069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9612	2.5207	2.5116	F .00815	2.4003	2.4243	2.5602
Stddev	.0174	.0060	.0073	.00143	.0173	.0092	.0103
%RSD	.17508	.23847	.29123	17.579	.72098	.37991	.40257

#1	9.9488	2.5249	2.5168	.00714	2.4125	2.4178	2.5675
#2	9.9735	2.5164	2.5064	.00916	2.3880	2.4308	2.5529

Sample Name: ICV01 Acquired: 9/18/2018 13:13:52 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00910	F .0016	F .01186	F .78797	F 1.1666
Stddev	.01367	.0003	.00000	.13954	.5384
%RSD	150.21	20.13	.03920	17.709	46.154

#1	-.01876	.0019	.01186	.68930	1.5473
#2	.00057	.0014	.01186	.88663	.78587

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.1	31588.	4148.8	100.40	2625.8
Stddev	8.8	30.	33.8	.24	8.0
%RSD	.40292	.09440	.81356	.24164	.30453

#1	2167.9	31567.	4124.9	100.23	2620.1
#2	2180.3	31609.	4172.6	100.57	2631.4

Sample Name: LLICV01 Acquired: 9/18/2018 13:21:46 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02267	.04718	.01171	.02338	.05323	.09593	.10939	.00634
Stddev	.00147	.00206	.00022	.00074	.00044	.00137	.00008	.00012
%RSD	6.5054	4.3624	1.8371	3.1828	.83508	1.4318	.07153	1.8808
#1	.02163	.04864	.01186	.02286	.05291	.09690	.10944	.00626
#2	.02372	.04573	.01156	.02391	.05354	.09496	.10933	.00642
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00624	2.1269	.01024	.03323	.02188	.09415	.02293	2.1506
Stddev	.00009	.0346	.00021	.00009	.00007	.00938	.00005	.0060
%RSD	1.4431	1.6276	2.0119	.26340	.33623	9.9616	.20642	.27805
#1	.00617	2.1025	.01039	.03329	.02183	.10079	.02290	2.1463
#2	.00630	2.1514	.01010	.03317	.02193	.08752	.02296	2.1548
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04355	.01015	2.0815	.04526	.04578	2.1457	.21336	.10964
Stddev	.00005	.00007	.0064	.00008	.00084	.0019	.00018	.01460
%RSD	.11254	.68302	.30749	.16614	1.8281	.09111	.08612	13.320
#1	.04351	.01020	2.0861	.04531	.04637	2.1443	.21349	.09932
#2	.04358	.01010	2.0770	.04520	.04518	2.1471	.21323	.11997
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01818	.41105	.04295	.04666	F .18398	.0182	.02108	F 2.0952
Stddev	.00228	.00166	.00120	.00131	.00440	.0000	.00014	.0999
%RSD	12.547	.40300	2.7959	2.8017	2.3889	.1024	.64409	4.7676
#1	.01979	.40988	.04210	.04574	.18087	.0182	.02099	2.1658
#2	.01656	.41222	.04379	.04759	.18709	.0182	.02118	2.0246

Sample Name: LLICV01 Acquired: 9/18/2018 13:21:46 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.0911
Stddev .2267
%RSD 5.5422

#1 4.2514
#2 3.9308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.8	31283.	4051.9	99.642	2685.3
Stddev	5.3	22.	7.0	1.561	1.3
%RSD	.24441	.07028	.17237	1.5661	.04838

#1	2166.5	31299.	4056.8	98.539	2686.2
#2	2159.0	31268.	4046.9	100.75	2684.4

Sample Name: ICB01 Acquired: 9/18/2018 13:25:50 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00098	.00133	.00164	-.00226	-.01518	.00005	-.00004
Stddev	.00173	.00131	.00075	.00358	.00068	.01588	.00024	.00002
%RSD	103.83	134.09	56.504	218.74	30.357	104.62	488.58	51.163
#1	-.00289	-.00005	.00186	-.00090	-.00177	-.02640	.00022	-.00005
#2	-.00044	-.00191	.00080	.00417	-.00274	-.00395	-.00012	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00621	-.00057	.00013	.00010	-.00788	-.00011	-.06374
Stddev	.00003	.02063	.00038	.00018	.00011	.00374	.00002	.04097
%RSD	76.556	332.13	66.862	136.81	106.38	47.489	16.203	64.269
#1	.00007	-.00838	-.00083	.00026	.00003	-.01053	-.00009	-.09271
#2	.00002	.02080	-.00030	.00000	.00018	-.00523	-.00012	-.03478
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00006	-.05952	-.00020	-.00022	.01742	-.00010	.01412
Stddev	.00040	.00063	.00622	.00000	.00004	.00587	.00017	.00580
%RSD	70.641	1013.1	10.456	.42373	17.011	33.694	165.84	41.065
#1	.00029	-.00051	-.06392	-.00020	-.00024	.01327	-.00022	.01821
#2	.00086	.00038	-.05512	-.00020	-.00019	.02157	.00002	.01002
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00283	-.00077	.00261	-.00817	-.0018	.00018	F 2.3122
Stddev	.00241	.00154	.00042	.00260	.00288	.0014	.00001	.1347
%RSD	142.16	54.262	54.625	99.405	35.290	77.02	2.9228	5.8248
#1	.00001	-.00392	-.00107	.00445	-.00613	-.0008	.00018	2.2170
#2	-.00340	-.00175	-.00047	.00078	-.01021	-.0027	.00017	2.4074

Sample Name: ICB01 Acquired: 9/18/2018 13:25:50 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6372
Stddev	.4732
%RSD	28.906

#1	1.9718
#2	1.3025

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.9	31196.	4016.4	98.884	2698.3
Stddev	5.7	4.	4.9	1.017	3.2
%RSD	.26612	.01213	.12108	1.0287	.11996

#1	2148.8	31193.	4019.8	98.165	2696.0
#2	2156.9	31199.	4013.0	99.604	2700.6

Sample Name: CRI01 Acquired: 9/18/2018 13:35:04 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02329	.04539	.01129	.01919	.05321	.11481	.10982	.00630
Stddev	.00409	.00192	.00017	.00275	.00051	.00468	.00117	.00003
%RSD	17.541	4.2319	1.4670	14.310	.96499	4.0741	1.0654	.41158
#1	.02040	.04404	.01117	.02113	.05357	.11150	.11065	.00628
#2	.02618	.04675	.01141	.01725	.05284	.11811	.10899	.00632
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	2.1467	.01017	.03298	.02187	.09480	.02282	2.1427
Stddev	.00006	.0312	.00060	.00000	.00006	.00798	.00004	.0097
%RSD	.96489	1.4549	5.8666	.00846	.26377	8.4167	.16894	.45191
#1	.00627	2.1246	.01059	.03298	.02183	.08916	.02280	2.1495
#2	.00618	2.1688	.00975	.03298	.02191	.10044	.02285	2.1358
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04316	.01026	2.0741	.04531	.04917	2.1210	.21499	.10293
Stddev	.00010	.00006	.0110	.00035	.00046	.0552	.00035	.00002
%RSD	.22807	.56960	.52887	.77234	.94452	2.6008	.16450	.01674
#1	.04309	.01022	2.0819	.04556	.04885	2.1600	.21474	.10294
#2	.04323	.01030	2.0664	.04506	.04950	2.0820	.21524	.10292
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01746	.41058	.04211	.04770	F .18441	.0195	.02136	F 2.1186
Stddev	.00076	.00331	.00044	.00025	.00445	.0009	.00008	.2816
%RSD	4.3470	.80578	1.0551	.52498	2.4110	4.812	.39000	13.293
#1	.01692	.41292	.04179	.04753	.18127	.0189	.02141	1.9195
#2	.01800	.40824	.04242	.04788	.18756	.0202	.02130	2.3178

Sample Name: CRI01 Acquired: 9/18/2018 13:35:04 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.8330
 Stddev 1.7413
 %RSD 95.000

#1 3.0643
 #2 .60168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.6	31049.	3997.6	100.79	2679.7
Stddev	14.1	22.	23.8	.00	16.2
%RSD	.65398	.07244	.59481	.00213	.60412

#1	2138.7	31034.	3980.8	100.79	2668.2
#2	2158.6	31065.	4014.4	100.79	2691.1

Sample Name: ICSA01 Acquired: 9/18/2018 13:39:08 Type: Unk
Method: P4-ICP2(v2440) 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	.00531	-.00687	-.00406	-.00957	.00282	281.09	.00522
Stddev	.00393	.00339	.00070	.00076	.00043	1.38	.00016
%RSD	73.980	49.332	17.150	7.9897	15.359	.49112	3.0615

#1	.00808	-.00927	-.00455	-.00903	.00313	282.06	.00510
#2	.00253	-.00447	-.00357	-.01011	.00252	280.11	.00533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00173	248.62	.05538	.00022	-.00688	101.12
Stddev	.00001	.00018	1.24	.00073	.00020	.00050	1.33
%RSD	18.533	10.164	.50064	1.3175	91.033	7.2226	1.3189

#1	.00007	.00185	247.74	.05590	.00036	-.00723	100.18
#2	.00009	.00161	249.50	.05486	.00008	-.00653	102.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01523	271.96	-.00904	-.00473	-.02375	.00138	.00028
Stddev	.00018	.66	.00003	.00107	.00387	.00041	.00020
%RSD	1.2108	.24325	.37668	22.535	16.302	29.506	72.989

#1	.01536	271.49	-.00902	-.00548	-.02649	.00109	.00013
#2	.01509	272.43	-.00907	-.00398	-.02101	.00166	.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.00004	.07239	.00192	-.00328	.01293	.00096
Stddev	.00050	.00033	.00331	.00341	.00064	.00123	.00176
%RSD	18.249	933.82	4.5763	177.41	19.492	9.5264	184.55

#1	.00238	-.00020	.07473	.00433	-.00373	.01206	-.00029
#2	.00309	.00027	.07004	-.00049	-.00283	.01380	.00220

Sample Name: ICSA01 Acquired: 9/18/2018 13:39:08 Type: Unk
 Method: P4-ICP2(v2440) 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	F .03524	.0042	F .10361	F<.00000	F<.00000
Stddev	.00430	.0039	.00061	.04150	4.4904
%RSD	12.196	92.70	.58660	4.7159	3.8166

#1	.03828	.0069	.10404	-.85068	-120.83
#2	.03220	.0014	.10318	-.90937	-114.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.0	28070.	3929.2	90.674	2124.1
Stddev	5.0	170.	15.4	1.034	4.2
%RSD	.25605	.60513	.39289	1.1406	.19733

#1	1974.6	27950.	3940.1	91.406	2127.0
#2	1967.4	28190.	3918.3	89.943	2121.1

Sample Name: ICSAB01 Acquired: 9/18/2018 13:43:15 Type: Unk
Method: P4-ICP2(v2440) 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	.11850	.10077	.04400	.04727	.62758	273.74	.52925
Stddev	.00205	.00060	.00048	.00360	.00150	.01	.00136
%RSD	1.7268	.59924	1.0799	7.6196	.23875	.00547	.25610

#1	.11994	.10120	.04367	.04472	.62864	273.73	.52829
#2	.11705	.10034	.04434	.04981	.62652	273.75	.53021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55192	1.0938	240.91	.57193	.52040	.49615	95.718
Stddev	.00054	.0024	.50	.00172	.00007	.00154	2.832
%RSD	.09838	.22097	.20819	.30007	.01316	.31073	2.9588

#1	.55154	1.0921	240.55	.57072	.52045	.49724	97.721
#2	.55231	1.0955	241.26	.57315	.52035	.49506	93.716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54250	263.63	1.0246	.19508	-.02896	.51251	1.0281
Stddev	.00049	1.33	.0016	.00049	.00959	.00305	.0307
%RSD	.09039	.50390	.15376	.24914	33.114	.59465	2.9870

#1	.54285	262.69	1.0235	.19542	-.03574	.51035	1.0498
#2	.54215	264.57	1.0257	.19474	-.02218	.51466	1.0064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02131	.00138	.06821	.00530	-.00305	.01175	.00141
Stddev	.00796	.00004	.00060	.00225	.00112	.00027	.00064
%RSD	37.362	3.1289	.88575	42.448	36.595	2.2982	45.657

#1	.01568	.00135	.06778	.00371	-.00226	.01194	.00095
#2	.02694	.00141	.06864	.00689	-.00384	.01156	.00186

Sample Name: ICSAB01 Acquired: 9/18/2018 13:43:15 Type: Unk
 Method: P4-ICP2(v2440) 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	F .04277	F .0064	.10161	F<.00000	F<.00000
Stddev	.00053	.0023	.00023	.40141	1.4335
%RSD	1.2459	35.07	.23060	47.115	1.2867

#1	.04315	.0048	.10145	-.56814	-110.39
#2	.04239	.0080	.10178	-1.1358	-112.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.5	28183.	3967.0	93.947	2127.7
Stddev	10.9	90.	17.8	2.796	4.2
%RSD	.55594	.32106	.44823	2.9761	.19863

#1	1954.8	28119.	3979.5	91.970	2124.7
#2	1970.2	28247.	3954.4	95.924	2130.7

Sample Name: CCV01 Acquired: 9/18/2018 13:47:15 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8897	4.7936	4.8905	4.8711	4.9075	9.9046	9.8671	.24519
Stddev	.0073	.0126	.0018	.0071	.0081	.1359	.0127	.00039
%RSD	.15003	.26182	.03711	.14573	.16515	1.3719	.12891	.15821
#1	4.8845	4.8025	4.8918	4.8661	4.9133	9.8085	9.8581	.24546
#2	4.8949	4.7848	4.8892	4.8762	4.9018	10.001	9.8761	.24491
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4139	24.353	.96974	2.4194	1.2297	4.8148	2.4820	24.670
Stddev	.0087	.235	.00014	.0122	.0038	.0573	.0024	.148
%RSD	.36074	.96604	.01476	.50297	.30556	1.1910	.09465	.60002
#1	2.4201	24.187	.96984	2.4280	1.2323	4.8553	2.4803	24.565
#2	2.4078	24.520	.96964	2.4108	1.2270	4.7742	2.4837	24.774
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4088	1.2068	24.138	2.4209	2.4442	24.555	4.9654	4.8701
Stddev	.0093	.0041	.015	.0001	.0049	.056	.0046	.0508
%RSD	.38684	.34013	.06412	.00538	.19937	.22706	.09241	1.0437
#1	2.4154	1.2097	24.127	2.4208	2.4476	24.515	4.9687	4.8341
#2	2.4022	1.2039	24.148	2.4210	2.4407	24.594	4.9622	4.9060
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.7132	4.7586	4.8337	4.9167	F 4.3742	4.806	4.9615	F 3.5750
Stddev	.0056	.0124	.0312	.0003	.0152	.010	.0079	.2609
%RSD	.11880	.26144	.64555	.00533	.34687	.2172	.15972	7.2964
#1	4.7172	4.7674	4.8557	4.9169	4.3634	4.814	4.9671	3.7594
#2	4.7093	4.7498	4.8116	4.9165	4.3849	4.799	4.9559	3.3905

Sample Name: CCV01 Acquired: 9/18/2018 13:47:15 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.9312
Stddev .3357
%RSD 8.5398

#1 3.6938
#2 4.1685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.4	30124.	4042.8	97.944	2425.1
Stddev	6.4	5.	15.1	.198	10.7
%RSD	.30709	.01585	.37384	.20203	.43986

#1	2079.9	30128.	4053.5	97.804	2417.6
#2	2088.9	30121.	4032.2	98.084	2432.7

Sample Name: CCB01 Acquired: 9/18/2018 13:51:00 Type: Unk
Method: P4-ICP2(v2440) 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	.00107	-.00017	.00117	-.00024	-.00191	-.01309	-.00070
Stddev	.00333	.00036	.00068	.00050	.00103	.02247	.00057
%RSD	311.22	217.18	58.496	204.23	54.231	171.74	81.199

#1	-.00128	.00009	.00069	-.00059	-.00118	-.02898	-.00030
#2	.00342	-.00042	.00165	.00011	-.00264	.00281	-.00110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00001	-.00025	-.00005	-.00002	.00040	-.01158
Stddev	.00010	.00002	.02314	.00004	.00020	.00050	.00088
%RSD	114.05	126.59	9380.5	76.183	945.37	126.58	7.5960

#1	-.00002	.00003	-.01661	-.00008	.00012	.00004	-.01096
#2	-.00016	.00000	.01612	-.00002	-.00016	.00075	-.01220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.04873	.00045	-.00018	-.06402	-.00057	-.00016
Stddev	.00000	.03579	.00023	.00044	.00791	.00032	.00004
%RSD	.06075	73.448	51.291	241.86	12.360	55.725	25.681

#1	-.00011	-.07404	.00029	-.00050	-.06962	-.00035	-.00013
#2	-.00011	-.02342	.00061	.00013	-.05843	-.00080	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01331	-.00001	.01051	-.00097	.00106	-.00051	.00290
Stddev	.03475	.00022	.00570	.00402	.00156	.00061	.00005
%RSD	261.04	1843.5	54.226	414.16	146.73	118.84	1.8362

#1	.01126	.00014	.00648	-.00382	.00216	-.00094	.00294
#2	-.03788	-.00016	.01453	.00187	-.00004	-.00008	.00286

Sample Name: CCB01 Acquired: 9/18/2018 13:51:00 Type: Unk
Method: P4-ICP2(v2440) 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	F -.01110	.0007	.00009	F 2.3378	F 2.2313
Stddev	.00360	.0004	.00001	.1722	2.9468
%RSD	32.409	52.74	9.8672	7.3662	132.07

#1	-.01365	.0004	.00008	2.2160	.14752
#2	-.00856	.0009	.00010	2.4595	4.3150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.1	31049.	4003.5	99.877	2689.5
Stddev	7.1	35.	23.7	1.830	11.2
%RSD	.33216	.11365	.59257	1.8322	.41782

#1	2133.1	31024.	4020.3	98.583	2681.5
#2	2143.1	31074.	3986.7	101.17	2697.4

Sample Name: J4891-01 Acquired: 9/18/2018 13:54:18 Type: Unk
Method: P4-ICP2(v2440) 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	.07935	-.07646	.09110	-.01026	.00006	186.42	1.0775
Stddev	.00297	.00763	.00076	.00741	.00266	.97	.0039
%RSD	3.7417	9.9802	.83279	72.220	4774.4	.51856	.35837

#1	.07725	-.07106	.09164	-.00502	-.00182	185.74	1.0802
#2	.08145	-.08186	.09057	-.01549	.00193	187.10	1.0748

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00737	.01300	1590.6	.59255	.09958	5.8117	245.92
Stddev	.00005	.00033	9.1	.00120	.00024	.0117	1.38
%RSD	.63694	2.5744	.57471	.20310	.23881	.20082	.55954

#1	.00733	.01277	1597.1	.59340	.09942	5.8035	246.89
#2	.00740	.01324	1584.2	.59170	.09975	5.8200	244.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4115	161.06	.83120	-.01323	7.3892	.33266	1.0478
Stddev	.0001	.73	.00075	.00069	.0156	.00057	.0045
%RSD	.00257	.45428	.08997	5.2254	.21067	.17014	.42755

#1	3.4115	161.58	.83067	-.01372	7.4002	.33306	1.0509
#2	3.4116	160.54	.83173	-.01274	7.3782	.33226	1.0446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.785	.00460	.37257	112.71	2.9422	-.00734	9.6947
Stddev	.110	.00040	.01093	.02	.0249	.00024	.0172
%RSD	.22477	8.6232	2.9334	.02175	.84640	3.2500	.17742

#1	48.863	.00432	.36484	112.70	2.9598	-.00751	9.7069
#2	48.708	.00488	.38029	112.73	2.9246	-.00717	9.6825

Sample Name: J4891-01 Acquired: 9/18/2018 13:54:18 Type: Unk
 Method: P4-ICP2(v2440) 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	2.6095	8.666	6.8539	15.991	F<.00000
Stddev	.0156	.023	.0562	.436	2.9161
%RSD	.59603	.2629	.81993	2.7245	.76144

#1	2.5985	8.650	6.8937	15.683	-380.92
#2	2.6205	8.683	6.8142	16.299	-385.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.9	30031.	4536.9	84.836	1799.3
Stddev	1.8	51.	15.1	.474	1.2
%RSD	.08854	.17087	.33176	.55884	.06538

#1	2058.2	30068.	4526.3	84.501	1798.5
#2	2055.6	29995.	4547.6	85.171	1800.1

Sample Name: J4898-01 Acquired: 9/18/2018 13:58:30 Type: Unk
 Method: P4-ICP2(v2440) 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	.20265	-.02872	3.1712	-.00967	.00883	204.93	1.5597
Stddev	.00441	.00207	.0003	.00003	.00050	1.16	.0205
%RSD	2.1742	7.1897	.00954	.31265	5.6091	.56754	1.3133

#1	.20576	-.02726	3.1714	-.00969	.00919	205.75	1.5742
#2	.19953	-.03018	3.1710	-.00964	.00848	204.11	1.5452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01272	.01434	70.023	.24769	.34163	.35389	533.32
Stddev	.00009	.00065	.462	.00134	.00067	.00345	9.19
%RSD	.68573	4.5258	.66038	.54236	.19593	.97402	1.7228

#1	.01266	.01388	70.350	.24674	.34210	.35145	539.82
#2	.01278	.01480	69.696	.24864	.34116	.35632	526.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8784	84.819	.58081	.00180	1.9438	.30129	2.5485
Stddev	.0097	.951	.00223	.00001	.0309	.00160	.0325
%RSD	.10875	1.1215	.38479	.43426	1.5888	.53265	1.2755

#1	8.8716	85.492	.58239	.00179	1.9656	.30242	2.5715
#2	8.8852	84.147	.57923	.00181	1.9219	.30015	2.5255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.352	.00643	.48678	20.573	2.5222	.21741	1.2661
Stddev	.264	.00033	.00530	.016	.0159	.00167	.0082
%RSD	1.2947	5.1558	1.0885	.07638	.63057	.76762	.64707

#1	20.539	.00620	.49052	20.584	2.5335	.21859	1.2719
#2	20.166	.00667	.48303	20.562	2.5110	.21623	1.2603

Sample Name: J4898-01 Acquired: 9/18/2018 13:58:30 Type: Unk
 Method: P4-ICP2(v2440) 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	3.1804	11.88	.32389	F<.00000	F<.00000
Stddev	.0219	.05	.00497	.70301	3.2494
%RSD	.68984	.4330	1.5352	1.0822	.22334

#1	3.1959	11.92	.32740	-64.463	-1457.2
#2	3.1649	11.85	.32037	-65.457	-1452.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.1	39265.	5542.0	96.519	2157.7
Stddev	11.1	25.	20.0	1.229	6.5
%RSD	.41139	.06262	.36039	1.2734	.30041

#1	2681.3	39248.	5527.8	95.650	2153.1
#2	2696.9	39282.	5556.1	97.388	2162.3

Sample Name: J4898-02 Acquired: 9/18/2018 14:02:33 Type: Unk
Method: P4-ICP2(v2440) 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	.14860	-.03058	1.4217	-.02328	.00835	198.85	1.3541
Stddev	.00019	.00453	.0027	.00091	.00161	1.21	.0129
%RSD	.13034	14.807	.18628	3.8987	19.321	.61009	.94936

#1	.14846	-.03378	1.4236	-.02393	.00949	197.99	1.3632
#2	.14874	-.02738	1.4199	-.02264	.00721	199.71	1.3450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01155	.01066	57.515	.24347	.28171	.26278	519.63
Stddev	.00006	.00086	.387	.00473	.00154	.00663	13.56
%RSD	.50579	8.0552	.67326	1.9442	.54492	2.5249	2.6088

#1	.01151	.01005	57.788	.24012	.28279	.25809	529.22
#2	.01159	.01126	57.241	.24681	.28062	.26747	510.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1784	84.178	.52512	-.00142	1.3634	.29079	1.8167
Stddev	.0890	.685	.00294	.00210	.0020	.00276	.0439
%RSD	.96998	.81385	.56035	148.09	.14860	.94993	2.4154

#1	9.1155	84.663	.52720	.00007	1.3649	.28884	1.8477
#2	9.2414	83.694	.52304	-.00291	1.3620	.29274	1.7856

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.534	.00422	.46991	10.794	1.8637	.08159	1.1207
Stddev	.109	.00014	.02434	.050	.0022	.00335	.0178
%RSD	.65933	3.3641	5.1798	.46535	.12027	4.1056	1.5891

#1	16.611	.00412	.48712	10.829	1.8653	.08395	1.1333
#2	16.457	.00432	.45269	10.758	1.8621	.07922	1.1081

Sample Name: J4898-02 Acquired: 9/18/2018 14:02:33 Type: Unk
 Method: P4-ICP2(v2440) 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	3.2998	11.91	.30480	F<.00000	F<.00000
Stddev	.0476	.05	.00214	.39523	8.9725
%RSD	1.4428	.4226	.70089	.61602	.62030

#1	3.3334	11.94	.30631	-64.438	-1440.1
#2	3.2661	11.87	.30328	-63.879	-1452.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.7	38714.	5459.6	97.832	2194.6
Stddev	15.8	368.	23.6	2.544	16.7
%RSD	.59232	.95148	.43270	2.6000	.75975

#1	2654.6	38974.	5442.9	96.034	2182.8
#2	2676.9	38453.	5476.3	99.631	2206.4

Sample Name: J4906-01 Acquired: 9/18/2018 14:06:37 Type: Unk
Method: P4-ICP2(v2440) 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	.02870	-.01593	.27478	-.00622	-.00021	75.897	.66973
Stddev	.00351	.00227	.00085	.00029	.00059	.000	.00613
%RSD	12.236	14.245	.31109	4.6090	283.88	.00051	.91590

#1	.02621	-.01753	.27417	-.00642	-.00063	75.896	.67407
#2	.03118	-.01433	.27538	-.00601	.00021	75.897	.66539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	.00024	17.357	.14950	.06030	.04401	167.58
Stddev	.00006	.00019	.105	.00235	.00012	.00125	3.07
%RSD	1.4918	77.375	.60468	1.5730	.19363	2.8350	1.8314

#1	.00415	.00011	17.431	.14784	.06038	.04313	169.75
#2	.00424	.00037	17.283	.15116	.06022	.04489	165.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0474	14.912	.10274	-.00443	.60493	.20756	.48638
Stddev	.0009	.076	.00015	.00024	.00081	.00207	.00873
%RSD	.08555	.50773	.14587	5.4137	.13441	.99619	1.7947

#1	1.0468	14.966	.10285	-.00426	.60436	.20610	.49256
#2	1.0480	14.858	.10264	-.00460	.60551	.20902	.48021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2104	.00026	.15004	2.7009	2.0653	.01882	1.8888
Stddev	.0417	.00007	.00576	.0222	.0024	.00006	.0063
%RSD	.67154	25.006	3.8374	.82067	.11839	.32578	.33293

#1	6.1809	.00022	.15411	2.7166	2.0670	.01886	1.8844
#2	6.2399	.00031	.14597	2.6853	2.0635	.01877	1.8933

Sample Name: J4906-01 Acquired: 9/18/2018 14:06:37 Type: Unk
 Method: P4-ICP2(v2440) 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	.55272	4.068	.09645	F<.00000	F<.00000
Stddev	.00108	.010	.00014	.50130	4.7165
%RSD	.19625	.2545	.14425	2.5787	1.5895
#1	.55196	4.075	.09655	-19.085	-293.39
#2	.55349	4.061	.09635	-19.794	-300.06
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.8	35518.	4803.9	99.451	2445.2
Stddev	6.2	87.	33.9	2.147	14.7
%RSD	.25502	.24597	.70504	2.1588	.60242
#1	2445.3	35457.	4779.9	97.933	2434.8
#2	2454.2	35580.	4827.8	100.97	2455.6

Sample Name: PB112844BL Acquired: 9/18/2018 17:04:39 Type: Unk
Method: P4-ICP2(v2440) 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	-.00138	-.00133	-.00065	-.00423	-.00359	-.01403	-.00000
Stddev	.00233	.00309	.00074	.00333	.00021	.00448	.00020
%RSD	169.18	233.37	113.64	78.710	5.8888	31.953	11346.

#1	.00027	-.00351	-.00013	-.00658	-.00344	-.01720	-.00014
#2	-.00303	.00086	-.00117	-.00187	-.00374	-.01086	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00011	-.00153	-.00015	-.00005	.00145	-.00475
Stddev	.00005	.00003	.00597	.00049	.00016	.00015	.01225
%RSD	334.50	23.156	390.86	324.18	341.51	10.369	258.09

#1	-.00005	-.00009	-.00574	-.00049	.00007	.00134	.00392
#2	.00002	-.00013	.00269	.00019	-.00016	.00155	-.01341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.07430	.00092	.00019	-.07139	-.00031	-.00029
Stddev	.00003	.00170	.00032	.00025	.00144	.00021	.00011
%RSD	118.71	2.2874	34.441	130.55	2.0132	69.205	39.292

#1	-.00004	-.07310	.00070	.00037	-.07241	-.00046	-.00021
#2	-.00000	-.07551	.00115	.00001	-.07037	-.00016	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04928	.00008	.00434	-.00327	-.00184	-.00018	.00289
Stddev	.01492	.00002	.01612	.00289	.00106	.00014	.00071
%RSD	30.282	30.135	371.58	88.432	57.455	78.547	24.689

#1	.05983	.00007	.01574	-.00123	-.00259	-.00008	.00339
#2	.03873	.00010	-.00706	-.00532	-.00109	-.00028	.00238

Sample Name: PB112844BL Acquired: 9/18/2018 17:04:39 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.04335	-.0007	.00004	F .35891	F 4.3024
Stddev	.00659	.0036	.00003	.30392	.6566
%RSD	15.201	522.3	73.071	84.678	15.261

#1	-.04801	-.0032	.00006	.14401	4.7667
#2	-.03869	.0018	.00002	.57381	3.8381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.8	31939.	3968.2	98.674	2750.4
Stddev	8.0	33.	26.2	.716	18.0
%RSD	.36327	.10405	.66053	.72529	.65519

#1	2202.2	31916.	3986.8	98.168	2737.7
#2	2213.5	31963.	3949.7	99.180	2763.2

Sample Name: J4906-05 Acquired: 9/18/2018 14:10:35 Type: Unk
Method: P4-ICP2(v2440) 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	.04408	-.01624	.22254	-.00627	.00122	55.361	.58794
Stddev	.00113	.00080	.00010	.00131	.00014	.173	.00298
%RSD	2.5679	4.9205	.04365	20.905	11.160	.31242	.50614

#1	.04328	-.01568	.22261	-.00720	.00113	55.239	.59004
#2	.04488	-.01681	.22247	-.00534	.00132	55.483	.58583

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	-.00011	14.140	.11223	.05369	.15308	147.03
Stddev	.00003	.00052	.008	.00022	.00084	.00124	2.20
%RSD	.69186	453.25	.05833	.19999	1.5678	.81050	1.4952

#1	.00375	-.00048	14.134	.11207	.05429	.15220	148.58
#2	.00379	.00025	14.146	.11239	.05310	.15396	145.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1196	10.580	.10747	-.00450	1.0571	.17380	.23758
Stddev	.0018	.032	.00049	.00075	.0018	.00007	.00300
%RSD	.08621	.30595	.45646	16.748	.16568	.03744	1.2624

#1	2.1183	10.557	.10782	-.00396	1.0584	.17376	.23970
#2	2.1209	10.602	.10712	-.00503	1.0559	.17385	.23545

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2400	.00157	.12139	1.8085	1.8137	.01552	1.9773
Stddev	.0341	.00067	.01351	.0008	.0010	.00119	.0070
%RSD	.65133	42.622	11.127	.04603	.05481	7.6510	.35629

#1	5.2641	.00204	.11184	1.8090	1.8130	.01635	1.9823
#2	5.2159	.00110	.13094	1.8079	1.8144	.01468	1.9723

Sample Name: J4906-05 Acquired: 9/18/2018 14:10:35 Type: Unk
 Method: P4-ICP2(v2440) 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	.42407	3.723	.11409	F<.00000	F<.00000
Stddev	.00006	.012	.00009	.16298	.07041
%RSD	.01490	.3096	.07719	1.0281	.02769

#1	.42403	3.731	.11416	-15.737	-254.26
#2	.42412	3.715	.11403	-15.967	-254.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.6	33909.	4582.0	101.06	2497.2
Stddev	1.2	25.	22.0	1.55	9.6
%RSD	.04922	.07386	.48083	1.5318	.38348

#1	2340.8	33892.	4566.4	99.969	2490.4
#2	2342.4	33927.	4597.6	102.16	2504.0

Sample Name: J4906-09 Acquired: 9/18/2018 14:14:30 Type: Unk
 Method: P4-ICP2(v2440) 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	.02709	-.00508	.09729	-.00308	-.00185	112.22	1.2212
Stddev	.00612	.00044	.00050	.00378	.00130	.55	.0033
%RSD	22.599	8.6974	.51481	122.75	69.917	.49210	.27294

#1	.03142	-.00539	.09765	-.00041	-.00094	112.61	1.2189
#2	.02276	-.00477	.09694	-.00575	-.00277	111.83	1.2236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00385	-.00061	22.518	.12410	.02519	.00631	76.885
Stddev	.00008	.00038	.097	.00036	.00034	.00115	1.460
%RSD	2.1173	61.886	.43056	.28831	1.3491	18.301	1.8995

#1	.00379	-.00088	22.450	.12385	.02543	.00549	77.918
#2	.00390	-.00034	22.587	.12436	.02495	.00712	75.852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95044	6.3155	.04927	-.00238	4.2714	.15740	.15335
Stddev	.00084	.0435	.00030	.00000	.0117	.00033	.00262
%RSD	.08854	.68912	.61694	.10971	.27364	.20834	1.7059

#1	.94985	6.3463	.04948	-.00238	4.2796	.15716	.15520
#2	.95104	6.2847	.04905	-.00238	4.2631	.15763	.15150

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5728	.00041	.07627	2.1515	2.9685	.00954	.43994
Stddev	.0036	.00042	.00676	.0080	.0352	.00060	.00302
%RSD	.07947	103.92	8.8645	.37352	1.1867	6.3182	.68564

#1	4.5754	.00071	.08105	2.1572	2.9436	.00997	.43780
#2	4.5703	.00011	.07149	2.1458	2.9934	.00912	.44207

Sample Name: J4906-09 Acquired: 9/18/2018 14:14:30 Type: Unk
Method: P4-ICP2(v2440) 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	.78979	3.675	.11477	F<.00000	F<.00000
Stddev	.00909	.024	.00026	.11053	.53979
%RSD	1.1510	.6567	.22921	1.6956	.58278

#1	.79622	3.692	.11496	-6.5965	-92.241
#2	.78336	3.658	.11458	-6.4402	-93.005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.0	33350.	4525.1	95.733	2424.9
Stddev	8.8	100.	8.4	1.710	11.7
%RSD	.38351	.30010	.18536	1.7862	.48376

#1	2293.7	33279.	4531.1	94.524	2416.6
#2	2306.2	33420.	4519.2	96.943	2433.2

Sample Name: J4906-13 Acquired: 9/18/2018 14:18:25 Type: Unk
 Method: P4-ICP2(v2440) 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	.04092	-.00895	.36822	-.00109	.00058	163.08	1.5566
Stddev	.00242	.00079	.00030	.00262	.00130	.42	.0137
%RSD	5.9137	8.7931	.08064	238.90	222.45	.25925	.88048

#1	.03921	-.00839	.36801	-.00294	-.00033	163.38	1.5469
#2	.04264	-.00950	.36843	.00075	.00150	162.78	1.5663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00854	.00040	22.514	.14209	.05133	.09585	101.69
Stddev	.00006	.00061	.298	.00054	.00012	.00271	4.13
%RSD	.72960	152.17	1.3237	.38059	.22423	2.8282	4.0606

#1	.00858	.00083	22.304	.14248	.05141	.09776	98.770
#2	.00849	-.00003	22.725	.14171	.05125	.09393	104.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4590	9.5867	.09440	-.00078	2.2268	.15634	.35631
Stddev	.0014	.0489	.00006	.00074	.0114	.00012	.01472
%RSD	.05813	.51034	.05925	95.207	.51266	.07984	4.1309

#1	2.4600	9.5521	.09436	-.00130	2.2187	.15625	.34590
#2	2.4580	9.6213	.09444	-.00025	2.2348	.15643	.36672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1397	.00220	.08387	5.1654	2.5264	.03393	.41635
Stddev	.0250	.00014	.00513	.0030	.0278	.00029	.00089
%RSD	.48603	6.3675	6.1121	.05753	1.0994	.86256	.21284

#1	5.1573	.00210	.08749	5.1633	2.5068	.03414	.41698
#2	5.1220	.00230	.08024	5.1675	2.5460	.03373	.41572

Sample Name: J4906-13 Acquired: 9/18/2018 14:18:25 Type: Unk
Method: P4-ICP2(v2440) 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	1.0091	12.08	.11717	F<.00000	F<.00000
Stddev	.0060	.00	.00059	.15342	2.8560
%RSD	.59231	.0301	.50350	1.4071	1.8676
#1	1.0133	12.08	.11675	-10.795	-150.90
#2	1.0049	12.08	.11758	-11.012	-154.94
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.6	35186.	4787.0	97.594	2423.7
Stddev	1.1	97.	56.0	4.065	2.1
%RSD	.04368	.27538	1.1702	4.1652	.08723
#1	2441.8	35117.	4826.6	100.47	2425.2
#2	2443.3	35254.	4747.4	94.720	2422.2

Sample Name: J4772-02LX5 Acquired: 9/18/2018 21:28:27 Type: Unk
Method: P4-ICP2(v2440) 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	.00221	.00130	.00009	-.00024	-.00433	.00432	.02877
Stddev	.00248	.00119	.00010	.00076	.00093	.00449	.00046
%RSD	112.15	91.385	105.57	312.41	21.414	103.94	1.5956

#1	.00397	.00046	.00016	-.00078	-.00368	.00750	.02910
#2	.00046	.00214	.00002	.00029	-.00499	.00115	.02845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00009	3.9132	.01458	.00127	.00379	.06953
Stddev	.00003	.00010	.0208	.00046	.00001	.00003	.00517
%RSD	502.30	119.78	.53223	3.1563	1.0036	.77396	7.4325

#1	-.00003	-.00016	3.8985	.01426	.00126	.00376	.06588
#2	.00001	-.00001	3.9279	.01491	.00127	.00381	.07319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13770	.47787	.00983	-.00003	61.373	-.00058	.00851
Stddev	.00004	.07455	.00009	.00028	.097	.00030	.00004
%RSD	.03259	15.601	.90617	826.22	.15803	50.965	.43810

#1	.13773	.42515	.00977	.00016	61.304	-.00037	.00848
#2	.13767	.53059	.00989	-.00023	61.442	-.00079	.00853

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37643	.00177	-.00162	.02980	.10529	.00069	.00401
Stddev	.01286	.00006	.00249	.00001	.00198	.00072	.00049
%RSD	3.4168	3.5443	154.28	.01743	1.8853	104.94	12.096

#1	.36733	.00172	-.00338	.02980	.10669	.00120	.00367
#2	.38552	.00181	.00015	.02980	.10388	.00018	.00435

Sample Name: J4772-02LX5 Acquired: 9/18/2018 21:28:27 Type: Unk
Method: P4-ICP2(v2440) 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	-.03082	.0013	.00965	F<.00000	4.6140
Stddev	.00620	.0003	.00004	.28188	.9286
%RSD	20.109	24.02	.46005	24.511	20.126

#1	-.03520	.0015	.00962	-.95069	5.2706
#2	-.02643	.0011	.00968	-1.3493	3.9574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.0	32102.	4198.5	103.72	2630.3
Stddev	15.3	88.	4.2	.60	14.3
%RSD	.69345	.27452	.10091	.57559	.54327

#1	2218.9	32164.	4195.5	103.30	2640.4
#2	2197.2	32039.	4201.5	104.14	2620.2

Sample Name: J4906-17 Acquired: 9/18/2018 14:22:26 Type: Unk
Method: P4-ICP2(v2440) 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	.04667	-.01732	.17374	-.00769	.00180	90.321	.83991
Stddev	.00146	.00119	.00516	.00559	.00061	.050	.00232
%RSD	3.1225	6.8772	2.9713	72.676	34.050	.05497	.27597

#1	.04564	-.01817	.17739	-.01165	.00223	90.356	.83827
#2	.04770	-.01648	.17009	-.00374	.00136	90.285	.84155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00580	-.00021	16.191	.18383	.06826	.19694	177.88
Stddev	.00007	.00053	.051	.00125	.00204	.00660	1.62
%RSD	1.2908	256.93	.31555	.67905	2.9950	3.3519	.90955

#1	.00585	.00017	16.155	.18294	.06970	.20161	176.74
#2	.00574	-.00058	16.227	.18471	.06681	.19228	179.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79925	15.175	.24626	.00740	1.5167	.23766	.42191
Stddev	.00264	.002	.00450	.00024	.0065	.00151	.00652
%RSD	.32990	.01613	1.8290	3.2709	.42711	.63508	1.5455

#1	.79739	15.173	.24945	.00723	1.5121	.23659	.41730
#2	.80111	15.176	.24308	.00757	1.5213	.23872	.42652

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0588	.00059	.16900	.63959	2.2770	.02135	1.7876
Stddev	.0684	.00013	.00134	.00806	.0049	.00184	.0023
%RSD	1.3530	22.056	.79528	1.2607	.21609	8.6141	.12823

#1	5.1072	.00068	.16805	.64529	2.2735	.02265	1.7892
#2	5.0104	.00050	.16995	.63388	2.2805	.02005	1.7860

Sample Name: J4906-17 Acquired: 9/18/2018 14:22:26 Type: Unk
 Method: P4-ICP2(v2440) 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	.60337	5.137	.07286	F<.00000	F<.00000
Stddev	.00685	.099	.00032	.01910	3.2120
%RSD	1.1347	1.929	.44375	.09412	1.0296

#1	.59853	5.207	.07309	-20.283	-314.23
#2	.60821	5.067	.07263	-20.310	-309.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.8	36610.	4922.6	98.318	2423.1
Stddev	46.9	115.	31.7	1.284	53.1
%RSD	1.8524	.31450	.64370	1.3057	2.1910

#1	2498.6	36692.	4945.0	99.226	2385.6
#2	2564.9	36529.	4900.2	97.410	2460.7

Sample Name: J4906-21 Acquired: 9/18/2018 14:26:20 Type: Unk
Method: P4-ICP2(v2440) 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	.01587	-.00940	.06399	-.00272	-.00031	114.98	.69203
Stddev	.00124	.00164	.00080	.00314	.00086	.27	.00806
%RSD	7.8123	17.478	1.2498	115.53	277.22	.23310	1.1644

#1	.01675	-.00824	.06343	-.00494	-.00092	115.17	.69772
#2	.01499	-.01056	.06456	-.00050	.00030	114.79	.68633

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00044	13.581	.10953	.09354	.05576	90.394
Stddev	.00014	.00006	.133	.00185	.00004	.00116	.967
%RSD	9.5212	13.518	.97766	1.6848	.04066	2.0881	1.0696

#1	.00158	-.00048	13.674	.10823	.09356	.05493	91.077
#2	.00138	-.00039	13.487	.11084	.09351	.05658	89.710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1192	7.6268	.04070	-.00398	.78293	.12908	.42821
Stddev	.0001	.0217	.00036	.00032	.00182	.00035	.00593
%RSD	.00401	.28484	.89510	8.1643	.23231	.27349	1.3845

#1	2.1193	7.6421	.04045	-.00375	.78422	.12933	.43241
#2	2.1192	7.6114	.04096	-.00421	.78164	.12883	.42402

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4173	.00061	.09149	.61323	5.0043	.07883	.55982
Stddev	.0447	.00051	.00209	.00463	.0326	.00182	.00039
%RSD	1.0116	83.991	2.2885	.75562	.65150	2.3053	.06981

#1	4.3857	.00097	.09297	.60995	5.0274	.08012	.56009
#2	4.4488	.00025	.09001	.61651	4.9813	.07755	.55954

Sample Name: J4906-21 Acquired: 9/18/2018 14:26:20 Type: Unk
 Method: P4-ICP2(v2440) 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	.68105	1.271	.08968	F<.00000	F<.00000
Stddev	.00500	.002	.00009	.75637	3.7692
%RSD	.73480	.1638	.09522	11.751	3.1438

#1	.67751	1.270	.08974	-6.9716	-122.56
#2	.68459	1.273	.08962	-5.9020	-117.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.3	31258.	4245.7	96.572	2494.9
Stddev	15.1	157.	50.0	1.631	9.1
%RSD	.68485	.50239	1.1775	1.6889	.36639

#1	2192.6	31147.	4210.4	95.419	2488.4
#2	2214.0	31369.	4281.1	97.726	2501.3

Sample Name: J4906-25 Acquired: 9/18/2018 14:30:18 Type: Unk
Method: P4-ICP2(v2440) 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	.04156	-.01904	.22666	-.00671	-.00031	89.198	.91264
Stddev	.00127	.00208	.00029	.00024	.00158	.043	.00252
%RSD	3.0638	10.948	.12736	3.5343	506.85	.04799	.27596

#1	.04066	-.02051	.22687	-.00688	.00080	89.229	.91442
#2	.04246	-.01756	.22646	-.00655	-.00143	89.168	.91086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00543	.00974	21.145	.17004	.04188	.79650	134.75
Stddev	.00008	.00047	.047	.00011	.00034	.00282	3.88
%RSD	1.5588	4.7946	.22016	.06251	.80264	.35395	2.8827

#1	.00537	.00941	21.178	.16996	.04212	.79849	137.50
#2	.00549	.01007	21.112	.17011	.04164	.79450	132.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2415	13.092	.09712	-.00289	.89115	.24978	1.2279
Stddev	.0009	.011	.00000	.00019	.00180	.00174	.0317
%RSD	.07173	.08386	.00485	6.7290	.20214	.69516	2.5780

#1	1.2409	13.085	.09712	-.00275	.89243	.25101	1.2503
#2	1.2422	13.100	.09712	-.00303	.88988	.24855	1.2056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7438	.00029	.11803	2.5996	3.2792	.04006	1.7115
Stddev	.0326	.00016	.00651	.0012	.0160	.00040	.0109
%RSD	.86999	55.420	5.5195	.04446	.48791	.98708	.63660

#1	3.7208	.00017	.12264	2.6004	3.2679	.03978	1.7192
#2	3.7668	.00040	.11343	2.5988	3.2905	.04034	1.7038

Sample Name: J4906-25 Acquired: 9/18/2018 14:30:18 Type: Unk
 Method: P4-ICP2(v2440) 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	.52336	4.715	.11719	F<.00000	F<.00000
Stddev	.00533	.019	.00011	.46966	.74077
%RSD	1.0186	.4010	.09157	2.8924	.34519

#1	.52713	4.728	.11727	-16.569	-215.12
#2	.51959	4.702	.11712	-15.905	-214.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.6	36545.	4905.1	97.495	2459.6
Stddev	15.3	90.	9.6	2.687	12.5
%RSD	.60076	.24496	.19627	2.7564	.50911

#1	2540.7	36482.	4911.9	95.595	2450.8
#2	2562.4	36609.	4898.3	99.395	2468.5

Sample Name: CCB15 Acquired: 9/19/2018 1:03:40 Type: Unk
Method: P4-ICP2(v2440) 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	.00003	.00203	-.00149	-.00600	-.00415	-.01909	.00249
Stddev	.00505	.00100	.00096	.00150	.00038	.00361	.00008
%RSD	15518.	49.427	64.352	24.966	9.2295	18.898	3.3668

#1	-.00354	.00132	-.00081	-.00706	-.00388	-.02164	.00243
#2	.00360	.00273	-.00217	-.00494	-.00442	-.01654	.00254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00007	-.01178	.00023	.00012	.00182	-.01243
Stddev	.00006	.00008	.00131	.00006	.00014	.00008	.00340
%RSD	95.775	114.32	11.134	25.889	115.17	4.4220	27.373

#1	-.00002	-.00001	-.01086	.00018	.00022	.00176	-.01003
#2	-.00011	-.00012	-.01271	.00027	.00002	.00188	-.01484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.05345	.00179	.00050	F 3.1984	.00019	-.00018
Stddev	.00002	.02075	.00056	.00084	.0042	.00031	.00008
%RSD	56.642	38.828	31.441	169.71	.13143	162.22	44.535

#1	-.00006	-.03877	.00219	-.00010	3.1954	.00042	-.00023
#2	-.00003	-.06812	.00139	.00109	3.2013	-.00003	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .69444	.00127	.00609	.00162	-.00093	-.00018	.00204
Stddev	.00028	.00002	.00683	.00315	.00006	.00061	.00096
%RSD	.03984	1.2071	112.18	194.77	6.2034	341.81	47.064

#1	.69425	.00128	.00126	-.00061	-.00098	.00025	.00136
#2	.69464	.00126	.01091	.00385	-.00089	-.00061	.00272

Sample Name: CCB15 Acquired: 9/19/2018 1:03:40 Type: Unk
Method: P4-ICP2(v2440) 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	.00479	.0003	.00006	F<.00000	F 4.2952
Stddev	.01063	.0005	.00007	.66222	.8113
%RSD	222.07	156.8	122.66	22.442	18.888

#1	-.00273	-.0000	.00011	-3.4191	4.8689
#2	.01231	.0007	.00001	-2.4826	3.7216

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.0	32856.	4089.7	96.155	2864.6
Stddev	19.8	61.	45.8	1.265	21.1
%RSD	.85557	.18466	1.1195	1.3159	.73712

#1	2303.0	32813.	4122.0	97.049	2849.7
#2	2331.0	32899.	4057.3	95.260	2879.5

Sample Name: CCV02 Acquired: 9/18/2018 14:34:14 Type: Unk
Method: P4-ICP2(v2440) 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	4.9450	4.8235	4.9376	4.9570	4.9513	9.8616	10.047	.24855
Stddev	.0219	.0019	.0035	.0460	.0199	.0163	.031	.00019
%RSD	.44213	.03847	.07072	.92762	.40099	.16550	.30643	.07557

#1	4.9605	4.8248	4.9351	4.9895	4.9653	9.8501	10.068	.24868
#2	4.9296	4.8222	4.9401	4.9245	4.9372	9.8732	10.025	.24841

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4427	25.058	1.0315	2.4451	1.2479	4.9307	2.5121	25.109
Stddev	.0063	.002	.0035	.0051	.0012	.0143	.0007	.018
%RSD	.25948	.00844	.33836	.20914	.09201	.28969	.02893	.06995

#1	2.4382	25.057	1.0339	2.4415	1.2487	4.9206	2.5126	25.097
#2	2.4472	25.060	1.0290	2.4487	1.2470	4.9408	2.5116	25.122

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4486	1.2229	24.849	2.4522	2.5539	25.213	5.0130	5.0029
Stddev	.0044	.0003	.063	.0029	.0000	.035	.0069	.0344
%RSD	.18002	.02593	.25180	.11751	.00002	.13806	.13735	.68769

#1	2.4455	1.2226	24.894	2.4501	2.5539	25.238	5.0179	5.0272
#2	2.4518	1.2231	24.805	2.4542	2.5539	25.188	5.0082	4.9785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7478	4.8980	4.8792	5.0024	4.5111	4.900	5.0813	F 3.3819
Stddev	.0018	.0196	.0073	.0016	.0172	.012	.0137	.3766
%RSD	.03825	.40101	.15040	.03116	.38192	.2380	.26947	11.136

#1	4.7491	4.8841	4.8740	5.0035	4.5232	4.908	5.0909	3.6482
#2	4.7466	4.9118	4.8843	5.0013	4.4989	4.892	5.0716	3.1156

Sample Name: CCV02 Acquired: 9/18/2018 14:34:14 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1428
Stddev	1.4632
%RSD	28.452

#1	4.1081
#2	6.1774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.9	30077.	3921.0	94.733	2425.3
Stddev	14.7	92.	.9	.273	6.8
%RSD	.70519	.30546	.02306	.28844	.28093

#1	2075.5	30012.	3920.3	94.539	2420.5
#2	2096.3	30142.	3921.6	94.926	2430.1

Sample Name: CCB02 Acquired: 9/18/2018 14:37:59 Type: Unk
Method: P4-ICP2(v2440) 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	.00094	-.00047	.00031	-.00347	-.00228	-.01493	-.00013
Stddev	.00138	.00102	.00076	.00086	.00220	.00478	.00019
%RSD	146.81	216.58	245.46	24.805	96.533	32.039	147.31

#1	.00192	-.00120	.00084	-.00286	-.00384	-.01832	-.00027
#2	-.00004	.00025	-.00023	-.00408	-.00072	-.01155	.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00011	-.00309	-.00010	-.00033	.00061	-.00831
Stddev	.00008	.00006	.01445	.00000	.00004	.00025	.00512
%RSD	103.67	51.495	467.55	1.7133	10.619	40.833	61.647

#1	.00013	.00007	.00713	-.00010	-.00035	.00079	-.00469
#2	.00002	.00015	-.01331	-.00009	-.00030	.00044	-.01193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.04091	.00023	.00055	-.06335	.00023	-.00033
Stddev	.00001	.03991	.00006	.00034	.00394	.00053	.00019
%RSD	13.982	97.553	24.031	61.944	6.2169	228.52	56.839

#1	-.00005	-.01269	.00027	.00079	-.06614	.00061	-.00020
#2	-.00004	-.06913	.00019	.00031	-.06057	-.00014	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07678	.00051	.00505	-.00145	-.00229	.00040	.00258
Stddev	.05132	.00012	.00286	.00297	.00126	.00009	.00125
%RSD	66.842	22.639	56.753	204.94	55.213	21.526	48.359

#1	.04049	.00059	.00302	.00065	-.00318	.00034	.00347
#2	.11307	.00043	.00707	-.00355	-.00139	.00046	.00170

Sample Name: CCB02 Acquired: 9/18/2018 14:37:59 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01719	-.0006	.00017	F 2.1320	F 2.4018
Stddev	.01769	.0006	.00005	.1461	.0707
%RSD	102.88	86.99	31.782	6.8502	2.9440

#1	-.02970	-.0010	.00021	2.2353	2.4518
#2	-.00468	-.0002	.00013	2.0287	2.3518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.1	30904.	3927.7	98.616	2685.7
Stddev	9.7	27.	13.5	.589	5.2
%RSD	.45132	.08650	.34320	.59753	.19509

#1	2137.2	30885.	3937.3	98.199	2682.0
#2	2150.9	30923.	3918.2	99.033	2689.4

Sample Name: J4906-25DUP Acquired: 9/18/2018 14:42:04 Type: Unk
Method: P4-ICP2(v2440) 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	.04062	-.01735	.22510	-.00510	-.00145	88.226	.91197
Stddev	.00089	.00137	.00518	.00986	.00129	1.114	.06190
%RSD	2.1885	7.9028	2.2998	193.39	88.972	1.2623	6.7877

#1	.03999	-.01638	.22144	.00187	-.00054	89.013	.95574
#2	.04125	-.01832	.22876	-.01207	-.00236	87.438	.86820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	.00881	20.890	.17002	.04102	.74485	136.11
Stddev	.00003	.00125	1.508	.00097	.00010	.00422	10.72
%RSD	.61929	14.218	7.2209	.56995	.24960	.56633	7.8769

#1	.00549	.00793	21.956	.17071	.04109	.74187	143.69
#2	.00545	.00970	19.823	.16934	.04094	.74784	128.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2028	13.036	.09502	-.00239	.89607	.24781	1.1873
Stddev	.0012	1.061	.00008	.00136	.06376	.00140	.0781
%RSD	.10263	8.1389	.08153	56.891	7.1156	.56407	6.5753

#1	1.2036	13.786	.09508	-.00143	.94115	.24880	1.2425
#2	1.2019	12.285	.09497	-.00335	.85098	.24682	1.1321

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7186	.00060	.12425	2.5604	3.2672	.03890	1.7071
Stddev	.2307	.00033	.01311	.0109	.1991	.00162	.1348
%RSD	6.2030	54.892	10.551	.42685	6.0931	4.1767	7.8936

#1	3.8817	.00084	.13352	2.5527	3.4080	.04005	1.8024
#2	3.5555	.00037	.11498	2.5681	3.1265	.03775	1.6118

Sample Name: J4906-25DUP Acquired: 9/18/2018 14:42:04 Type: Unk
 Method: P4-ICP2(v2440) 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	.51101	4.668	.11580	F<.00000	F<.00000
Stddev	.04588	.014	.00921	.32014	2.1768
%RSD	8.9776	.3094	7.9540	1.8540	.98880

#1	.54345	4.658	.12231	-17.041	-221.68
#2	.47857	4.678	.10929	-17.494	-218.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.9	37150.	4965.3	97.628	2506.0
Stddev	19.7	119.	290.0	6.657	11.4
%RSD	.76026	.32162	5.8412	6.8192	.45643

#1	2578.9	37066.	4760.2	92.920	2497.9
#2	2606.8	37235.	5170.4	102.34	2514.0

Sample Name: J4906-25LX5 Acquired: 9/18/2018 14:46:00 Type: Unk
Method: P4-ICP2(v2440) 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	.00964	-.00363	.04480	-.00354	-.00086	21.096	.22473
Stddev	.00805	.00074	.00101	.00278	.00136	.209	.00020
%RSD	83.488	20.322	2.2553	78.410	158.71	.98929	.09005

#1	.01534	-.00311	.04551	-.00550	-.00182	21.244	.22488
#2	.00395	-.00415	.04408	-.00158	.00010	20.948	.22459

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.00152	5.2282	.04286	.00856	.19731	29.356
Stddev	.00005	.00010	.0113	.00020	.00037	.00433	.103
%RSD	3.8366	6.7953	.21642	.47553	4.3346	2.1923	.34923

#1	.00140	.00159	5.2202	.04271	.00882	.20037	29.284
#2	.00133	.00144	5.2362	.04300	.00830	.19425	29.429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29989	3.2359	.02014	-.00101	.16265	.06032	.26515
Stddev	.00072	.0179	.00026	.00036	.00402	.00028	.00072
%RSD	.24170	.55259	1.2810	35.443	2.4697	.46553	.27282

#1	.30040	3.2485	.01996	-.00076	.15981	.06051	.26566
#2	.29938	3.2233	.02033	-.00126	.16549	.06012	.26464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91140	.00030	.02377	.50320	.85411	.00793	.42149
Stddev	.02431	.00028	.00741	.00271	.00348	.00027	.00378
%RSD	2.6670	92.995	31.190	.53835	.40727	3.4621	.89733

#1	.89421	.00050	.02901	.50511	.85165	.00774	.42417
#2	.92858	.00010	.01853	.50128	.85657	.00813	.41882

Sample Name: J4906-25LX5 Acquired: 9/18/2018 14:46:00 Type: Unk
Method: P4-ICP2(v2440) 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	.11540	.9633	.02916	F<.00000	F<.00000
Stddev	.00813	.0078	.00015	.33877	1.5454
%RSD	7.0454	.8098	.51374	19.603	34.257

#1	.12115	.9688	.02906	-1.4886	-3.4184
#2	.10965	.9578	.02927	-1.9676	-5.6039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.5	32130.	4144.3	95.969	2611.8
Stddev	10.4	2.	23.6	.635	11.2
%RSD	.46383	.00651	.56879	.66146	.42876

#1	2238.2	32132.	4161.0	96.417	2603.8
#2	2252.9	32129.	4127.7	95.520	2619.7

Sample Name: J4906-25MS Acquired: 9/18/2018 14:50:00 Type: Unk
Method: P4-ICP2(v2440) 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	.65002	1.7868	1.1424	1.4888	.59210	90.213	1.0729
Stddev	.00241	.0066	.0014	.0074	.00223	.050	.0020
%RSD	.37042	.37181	.11923	.49740	.37726	.05571	.18888

#1	.65173	1.7821	1.1434	1.4940	.59368	90.178	1.0743
#2	.64832	1.7915	1.1415	1.4836	.59052	90.249	1.0714

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15767	.19372	21.976	.49224	.22061	1.0017	136.77
Stddev	.00062	.00001	.047	.00142	.00021	.0003	1.71
%RSD	.39532	.00284	.21449	.28811	.09317	.03108	1.2466

#1	.15811	.19371	22.009	.49324	.22047	1.0015	137.98
#2	.15723	.19372	21.943	.49123	.22076	1.0019	135.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3481	14.664	.55652	.05121	3.2172	.47622	1.3859
Stddev	.0011	.125	.00017	.00021	.0179	.00268	.0179
%RSD	.08131	.85101	.03138	.41044	.55599	.56184	1.2914

#1	1.3489	14.753	.55640	.05136	3.2298	.47811	1.3985
#2	1.3473	14.576	.55664	.05106	3.2045	.47433	1.3732

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.574	.30939	.34969	2.4871	4.0032	.65908	1.8819
Stddev	.036	.00035	.00499	.0050	.0276	.00145	.0006
%RSD	.30806	.11426	1.4270	.19962	.69050	.22049	.03430

#1	11.599	.30964	.34616	2.4906	4.0228	.66011	1.8824
#2	11.549	.30914	.35322	2.4835	3.9837	.65806	1.8815

Sample Name: J4906-25MS Acquired: 9/18/2018 14:50:00 Type: Unk
 Method: P4-ICP2(v2440) 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	1.8698	9.679	.26834	F<.00000	F<.00000
Stddev	.0027	.013	.00040	.13935	.39080
%RSD	.14404	.1309	.14792	.91911	.17342

#1	1.8717	9.688	.26862	-15.259	-225.07
#2	1.8679	9.670	.26806	-15.062	-225.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.3	36106.	4779.5	96.423	2438.4
Stddev	11.4	22.	2.3	1.321	6.6
%RSD	.45119	.06220	.04848	1.3697	.27201

#1	2525.2	36121.	4777.9	95.489	2433.7
#2	2541.4	36090.	4781.2	97.357	2443.1

Sample Name: J4906-25MSD Acquired: 9/18/2018 14:53:50 Type: Unk
Method: P4-ICP2(v2440) 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	.64382	1.7636	1.1222	1.4843	.58548	89.587	1.0562
Stddev	.00632	.0009	.0008	.0057	.00015	.031	.0026
%RSD	.98116	.04868	.07107	.38335	.02586	.03431	.24467

#1	.63936	1.7643	1.1228	1.4803	.58559	89.609	1.0544
#2	.64829	1.7630	1.1217	1.4883	.58538	89.566	1.0580

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15553	.19155	21.656	.48715	.21844	.99446	135.35
Stddev	.00074	.00045	.151	.00133	.00043	.00063	1.16
%RSD	.47843	.23336	.69773	.27376	.19840	.06361	.86068

#1	.15606	.19186	21.549	.48620	.21875	.99491	134.52
#2	.15501	.19123	21.762	.48809	.21814	.99402	136.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3369	14.587	.54812	.05059	3.1951	.47288	1.3708
Stddev	.0017	.006	.00072	.00058	.0013	.00024	.0145
%RSD	.12913	.04425	.13103	1.1430	.03978	.04996	1.0550

#1	1.3381	14.583	.54761	.05018	3.1942	.47305	1.3606
#2	1.3356	14.592	.54862	.05100	3.1960	.47271	1.3810

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.491	.30728	.34952	2.4571	3.9279	.65050	1.8563
Stddev	.030	.00054	.01218	.0081	.0262	.00012	.0124
%RSD	.26436	.17712	3.4861	.32990	.66815	.01779	.67058

#1	11.469	.30690	.34091	2.4514	3.9093	.65042	1.8475
#2	11.512	.30767	.35814	2.4629	3.9464	.65058	1.8651

Sample Name: J4906-25MSD Acquired: 9/18/2018 14:53:50 Type: Unk
 Method: P4-ICP2(v2440) 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	1.8402	9.578	.26351	F<.00000	F<.00000
Stddev	.0131	.002	.00038	.10152	1.7297
%RSD	.71322	.0237	.14252	.64999	.75090

#1	1.8309	9.576	.26378	-15.691	-231.57
#2	1.8494	9.579	.26325	-15.548	-229.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.7	36342.	4846.8	97.190	2445.1
Stddev	1.6	85.	15.7	.827	2.9
%RSD	.06359	.23460	.32419	.85052	.12030

#1	2531.6	36282.	4857.9	97.775	2443.0
#2	2533.8	36403.	4835.7	96.606	2447.1

Sample Name: J4906-25A Acquired: 9/18/2018 14:57:39 Type: Unk
Method: P4-ICP2(v2440) 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	.64305	1.7670	1.1212	1.4776	.58671	88.655	1.0611
Stddev	.00459	.0069	.0052	.0051	.00084	.287	.0062
%RSD	.71385	.39306	.46113	.34487	.14399	.32356	.58359

#1	.63980	1.7621	1.1175	1.4740	.58611	88.858	1.0655
#2	.64630	1.7719	1.1249	1.4812	.58731	88.452	1.0567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15478	.19090	21.907	.48401	.21785	.99278	134.78
Stddev	.00073	.00092	.095	.00313	.00158	.00535	1.14
%RSD	.47201	.47973	.43413	.64749	.72352	.53856	.84483

#1	.15530	.19026	21.975	.48622	.21673	.98900	135.58
#2	.15427	.19155	21.840	.48179	.21896	.99656	133.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3298	14.652	.55019	.05034	3.2104	.47148	1.3704
Stddev	.0092	.010	.00109	.00072	.0528	.00169	.0150
%RSD	.69306	.06529	.19818	1.4218	1.6437	.35931	1.0946

#1	1.3363	14.659	.54942	.05085	3.2477	.47268	1.3810
#2	1.3233	14.645	.55096	.04983	3.1731	.47029	1.3598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.515	.30632	.33498	2.4616	3.9766	.65223	1.8585
Stddev	.152	.00081	.00021	.0009	.0362	.00825	.0242
%RSD	1.3162	.26397	.06243	.03790	.91058	1.2656	1.3022

#1	11.622	.30575	.33513	2.4623	4.0022	.64640	1.8756
#2	11.408	.30689	.33483	2.4610	3.9510	.65807	1.8414

Sample Name: J4906-25A Acquired: 9/18/2018 14:57:39 Type: Unk
 Method: P4-ICP2(v2440) 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	1.8505	9.618	.26655	F<.00000	F<.00000
Stddev	.0303	.034	.00219	.57153	1.0037
%RSD	1.6390	.3515	.82210	3.6670	.44458

#1	1.8719	9.594	.26810	-15.182	-226.47
#2	1.8290	9.642	.26500	-15.990	-225.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.0	36563.	4792.0	97.454	2452.4
Stddev	2.9	233.	50.2	1.012	10.1
%RSD	.11333	.63619	1.0476	1.0383	.41234

#1	2542.1	36398.	4756.5	96.738	2459.6
#2	2538.0	36727.	4827.5	98.169	2445.3

Sample Name: J4906-29 Acquired: 9/18/2018 15:01:29 Type: Unk
Method: P4-ICP2(v2440) 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	.04233	-.01597	.14035	-.00887	-.00275	152.68	1.3976
Stddev	.00108	.00175	.00116	.00013	.00154	.63	.0001
%RSD	2.5569	10.927	.82461	1.4874	56.064	.41464	.00688

#1	.04310	-.01721	.13954	-.00877	-.00166	152.23	1.3975
#2	.04157	-.01474	.14117	-.00896	-.00385	153.13	1.3977

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00531	-.00134	15.338	.25539	.04772	-.00148	217.61
Stddev	.00025	.00028	.073	.00068	.00022	.00118	2.72
%RSD	4.7025	20.620	.47388	.26561	.45421	79.881	1.2487

#1	.00513	-.00154	15.287	.25491	.04788	-.00231	219.53
#2	.00548	-.00115	15.389	.25587	.04757	-.00064	215.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2313	10.927	.08581	-.00323	3.3892	.30343	.28111
Stddev	.0027	.115	.00009	.00032	.0121	.00069	.00411
%RSD	.21935	1.0541	.10996	9.7558	.35540	.22599	1.4622

#1	1.2294	10.846	.08574	-.00301	3.3977	.30391	.28401
#2	1.2332	11.008	.08588	-.00346	3.3807	.30294	.27820

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2549	-.00132	.20149	1.7121	2.5304	.02328	1.1000
Stddev	.0098	.00066	.00140	.0172	.0143	.00128	.0067
%RSD	.18750	49.678	.69389	1.0066	.56397	5.5137	.61304

#1	5.2479	-.00178	.20050	1.6999	2.5405	.02237	1.1047
#2	5.2618	-.00086	.20248	1.7243	2.5203	.02419	1.0952

Sample Name: J4906-29 Acquired: 9/18/2018 15:01:29 Type: Unk
 Method: P4-ICP2(v2440) 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	.83832	2.382	.07835	F<.00000	F<.00000
Stddev	.00999	.002	.00060	.15827	4.3390
%RSD	1.1922	.0971	.75994	.64055	1.0756

#1	.84539	2.384	.07877	-24.821	-406.46
#2	.83125	2.380	.07793	-24.597	-400.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2602.6	36729.	4975.8	95.284	2398.3
Stddev	1.7	17.	4.0	1.427	2.0
%RSD	.06591	.04633	.08009	1.4974	.08472

#1	2603.8	36717.	4973.0	94.275	2396.8
#2	2601.4	36741.	4978.7	96.293	2399.7

Sample Name: PB112961BL Acquired: 9/18/2018 15:05:31 Type: Unk
Method: P4-ICP2(v2440) 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	.00182	.00028	.00075	.00197	-.00121	-.00191	.00016	.00005
Stddev	.00194	.00017	.00059	.00160	.00024	.01024	.00048	.00002
%RSD	106.53	60.768	79.119	81.312	19.761	535.35	307.04	29.940

#1	.00320	.00016	.00117	.00084	-.00137	-.00915	-.00018	.00004
#2	.00045	.00040	.00033	.00310	-.00104	.00533	.00050	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00957	-.00004	-.00028	.00076	-.00354	-.00012	-.09137
Stddev	.00001	.00334	.00091	.00004	.00019	.00564	.00004	.05897
%RSD	20.990	34.913	2462.9	13.510	25.595	159.51	33.274	64.539

#1	.00005	-.00721	-.00068	-.00030	.00090	-.00753	-.00014	-.04967
#2	.00004	-.01194	.00061	-.00025	.00062	.00045	-.00009	-.13307

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00010	-.07619	.00006	-.00020	.05095	.00002	-.00111
Stddev	.00026	.00033	.01499	.00014	.00020	.00677	.00012	.00017
%RSD	130.85	321.07	19.668	226.57	97.029	13.277	558.36	15.281

#1	.00001	-.00034	-.06560	.00016	-.00006	.04617	-.00006	-.00123
#2	.00038	.00013	-.08679	-.00004	-.00035	.05574	.00010	-.00099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00386	-.00023	.00262	-.00538	.0005	.00005	2.6709
Stddev	.00041	.00108	.00018	.00161	.00489	.0023	.00028	.5086
%RSD	762.15	27.881	76.955	61.435	90.985	495.9	579.68	19.044

#1	-.00024	-.00310	-.00036	.00376	-.00883	-.0012	.00025	3.0306
#2	.00035	-.00462	-.00011	.00148	-.00192	.0021	-.00015	2.3113

Sample Name: PB112961BL Acquired: 9/18/2018 15:05:31 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7890
Stddev .8903
%RSD 49.767

#1 1.1594
#2 2.4185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.6	30759.	3887.0	96.739	2679.8
Stddev	7.5	57.	22.3	1.101	15.9
%RSD	.35185	.18393	.57296	1.1385	.59493

#1	2140.2	30719.	3902.7	97.517	2668.5
#2	2150.9	30799.	3871.2	95.960	2691.1

Sample Name: PB112961BS Acquired: 9/18/2018 15:09:34 Type: Unk
Method: P4-ICP2(v2440) 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	.78331	1.9138	.92521	1.9260	.77118	1.9439	.20761
Stddev	.00448	.0116	.00112	.0004	.00060	.0034	.00084
%RSD	.57159	.60595	.12055	.02001	.07770	.17491	.40221

#1	.78648	1.9220	.92599	1.9263	.77161	1.9415	.20820
#2	.78014	1.9056	.92442	1.9257	.77076	1.9463	.20702

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18537	.18971	1.0561	.40290	.18764	.30316	3.0207
Stddev	.00091	.00017	.0117	.00101	.00043	.00005	.0135
%RSD	.48847	.08750	1.1068	.25181	.22882	.01707	.44777

#1	.18473	.18982	1.0644	.40218	.18794	.30320	3.0303
#2	.18601	.18959	1.0479	.40362	.18733	.30313	3.0112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20738	1.9647	.46867	.06812	2.9921	.29959	.20628
Stddev	.00095	.0243	.00054	.00019	.0176	.00035	.00035
%RSD	.45811	1.2383	.11458	.28294	.58776	.11648	.16885

#1	.20671	1.9819	.46905	.06798	3.0046	.29934	.20653
#2	.20805	1.9475	.46829	.06826	2.9797	.29984	.20603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.250	.41537	.29662	-.00387	.87939	.63943	.20638
Stddev	.065	.00087	.00231	.00211	.00169	.00103	.00071
%RSD	.63806	.20936	.77844	54.504	.19235	.16054	.34528

#1	10.297	.41476	.29499	-.00536	.87819	.64016	.20587
#2	10.204	.41599	.29826	-.00238	.88059	.63871	.20688

Sample Name: PB112961BS Acquired: 9/18/2018 15:09:34 Type: Unk
 Method: P4-ICP2(v2440) 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	1.7492	4.992	.20366	2.3001	F<.00000
Stddev	.0114	.022	.00040	.3267	.50832
%RSD	.64872	.4471	.19704	14.205	4.8211

#1	1.7572	5.008	.20395	2.5311	-10.184
#2	1.7412	4.976	.20338	2.0690	-10.903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.4	30901.	3952.0	97.784	2633.0
Stddev	4.1	22.	7.6	.237	8.3
%RSD	.19548	.07097	.19275	.24269	.31527

#1	2095.5	30885.	3946.6	97.617	2627.2
#2	2101.3	30916.	3957.4	97.952	2638.9

Sample Name: J4913-02 Acquired: 9/18/2018 15:13:24 Type: Unk
Method: P4-ICP2(v2440) 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	-.00328	.00003	.00079	.00111	-.00260	.15028	.02230	.00005
Stddev	.00169	.00138	.00026	.00207	.00120	.00001	.00072	.00002
%RSD	51.326	4750.9	33.520	186.80	46.190	.00538	3.2491	47.497

#1	-.00448	-.00095	.00060	.00258	-.00175	.15029	.02178	.00007
#2	-.00209	.00101	.00097	-.00036	-.00345	.15028	.02281	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	6.4002	.00060	.00059	.00268	.05849	.00819	1.9797
Stddev	.00007	.0772	.00054	.00003	.00034	.02995	.00007	.1194
%RSD	45.200	1.2058	89.805	4.2291	12.555	51.203	.90643	6.0329

#1	-.00011	6.3457	.00098	.00058	.00244	.07966	.00825	1.8952
#2	-.00021	6.4548	.00022	.00061	.00292	.03731	.00814	2.0641

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	-.00048	41.002	-.00030	.02894	1.4683	.00023	.06479
Stddev	.00008	.00053	.371	.00059	.00023	.0014	.00017	.00370
%RSD	2.6406	110.50	.90388	194.34	.80112	.09256	76.775	5.7152

#1	.00290	-.00011	40.740	-.00072	.02878	1.4673	.00035	.06217
#2	.00301	-.00086	41.264	.00011	.02911	1.4693	.00010	.06741

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6289	6.3183	.00252	.00417	-.02062	.0032	.04199	2.3569
Stddev	.0023	.0601	.00041	.00227	.00134	.0015	.00017	.2413
%RSD	.08908	.95143	16.085	54.440	6.5122	45.66	.40857	10.237

#1	2.6305	6.2757	.00223	.00577	-.01967	.0043	.04187	2.5275
#2	2.6272	6.3608	.00280	.00256	-.02157	.0022	.04212	2.1863

Sample Name: J4913-02 Acquired: 9/18/2018 15:13:24 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3394
Stddev 3.7448
%RSD 112.14

#1 .69146
#2 5.9873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.3	30736.	4027.3	100.05	2595.1
Stddev	1.4	72.	23.8	.65	8.5
%RSD	.06864	.23298	.59169	.65440	.32745

#1	2107.4	30685.	4044.1	100.51	2601.1
#2	2105.3	30787.	4010.4	99.588	2589.1

Sample Name: J4913-02DUP Acquired: 9/18/2018 15:17:26 Type: Unk
Method: P4-ICP2(v2440) 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	.00179	-.00213	.00089	.00099	-.00073	.13778	.02222	.00004
Stddev	.00056	.00019	.00007	.00022	.00013	.00043	.00009	.00000
%RSD	31.407	8.8201	8.0086	21.838	17.827	.31468	.40304	5.2936

#1	.00139	-.00199	.00084	.00083	-.00063	.13747	.02229	.00003
#2	.00219	-.00226	.00094	.00114	-.00082	.13808	.02216	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	6.4316	.03866	.00112	.00290	.17914	.01370	2.0654
Stddev	.00015	.0321	.00158	.00001	.00020	.02338	.00028	.0305
%RSD	806.75	.49973	4.0798	1.1422	6.7845	13.053	2.0380	1.4781

#1	.00009	6.4543	.03977	.00113	.00276	.16260	.01389	2.0870
#2	-.00012	6.4089	.03754	.00111	.00304	.19567	.01350	2.0438

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02182	.00022	41.413	.00048	.03422	1.5630	.00397	.07003
Stddev	.00230	.00020	.368	.00012	.00002	.0533	.00072	.00601
%RSD	10.549	92.482	.88757	24.009	.05315	3.4123	18.199	8.5877

#1	.02345	.00008	41.673	.00040	.03421	1.6008	.00448	.06577
#2	.02020	.00037	41.153	.00057	.03424	1.5253	.00346	.07428

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6023	6.3717	.00248	.00394	-.02579	.0019	.04299	1.9964
Stddev	.0086	.0755	.00007	.00185	.00898	.0017	.00050	.5478
%RSD	.33172	1.1851	3.0181	46.865	34.819	90.22	1.1702	27.440

#1	2.5962	6.4251	.00243	.00525	-.01944	.0031	.04335	1.6090
#2	2.6084	6.3183	.00253	.00264	-.03214	.0007	.04264	2.3838

Sample Name: J4913-02DUP Acquired: 9/18/2018 15:17:26 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9529
Stddev .5231
%RSD 17.716

#1 2.5830
#2 3.3229

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2124.3	31011.	4007.6	99.120	2615.6
Stddev	1.6	94.	38.9	.995	1.8
%RSD	.07764	.30169	.97045	1.0043	.06985

#1	2125.5	31077.	3980.1	99.824	2614.3
#2	2123.2	30945.	4035.1	98.416	2616.9

Sample Name: CCV03 Acquired: 9/18/2018 15:21:28 Type: Unk
Method: P4-ICP2(v2440) 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	4.9928	4.8510	4.9795	4.9914	4.9734	9.8643	10.269	.24998
Stddev	.0096	.0017	.0040	.0055	.0170	.1172	.017	.00359
%RSD	.19272	.03447	.07977	.11069	.34146	1.1877	.16706	1.4354
#1	4.9860	4.8499	4.9767	4.9953	4.9854	9.7815	10.281	.24744
#2	4.9996	4.8522	4.9824	4.9875	4.9614	9.9471	10.257	.25251
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4734	25.734	1.0397	2.4735	1.2548	5.1159	2.5120	25.981
Stddev	.0025	.066	.0146	.0006	.0046	.0254	.0373	.152
%RSD	.10085	.25524	1.4037	.02551	.36956	.49719	1.4841	.58371
#1	2.4752	25.688	1.0294	2.4731	1.2580	5.1338	2.4857	25.874
#2	2.4716	25.781	1.0500	2.4739	1.2515	5.0979	2.5384	26.089
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4871	1.2190	25.317	2.4370	2.6494	25.912	5.0521	5.0608
Stddev	.0017	.0137	.073	.0406	.0076	.134	.0055	.0003
%RSD	.06920	1.1269	.28897	1.6655	.28598	.51745	.10964	.00510
#1	2.4859	1.2093	25.368	2.4083	2.6547	26.007	5.0560	5.0609
#2	2.4883	1.2288	25.265	2.4657	2.6440	25.818	5.0482	5.0606
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7710	5.0306	4.9479	5.1400	4.7328	4.983	5.2137	F 2.5241
Stddev	.0220	.0054	.0119	.0027	.0289	.009	.0010	.7260
%RSD	.46104	.10755	.24109	.05259	.61118	.1832	.01898	28.763
#1	4.7865	5.0268	4.9563	5.1381	4.7532	4.989	5.2144	2.0108
#2	4.7554	5.0345	4.9395	5.1419	4.7123	4.976	5.2130	3.0375

Sample Name: CCV03 Acquired: 9/18/2018 15:21:28 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 7.2480
Stddev	3.0701
%RSD	42.358

#1	5.0771
#2	9.4189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.0	30752.	3905.9	93.314	2441.4
Stddev	8.2	338.	11.1	.379	7.0
%RSD	.38926	1.0998	.28399	.40609	.28766

#1	2107.2	30991.	3898.0	93.046	2436.4
#2	2118.9	30513.	3913.7	93.582	2446.3

Sample Name: CCB03 Acquired: 9/18/2018 15:25:12 Type: Unk
Method: P4-ICP2(v2440) 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	.00138	-.00127	-.00055	-.00308	-.00415	-.00692	-.00050
Stddev	.00329	.00022	.00041	.00084	.00164	.00850	.00098
%RSD	238.64	17.105	73.426	27.379	39.649	122.78	194.92

#1	.00370	-.00111	-.00084	-.00248	-.00531	-.01293	-.00119
#2	-.00095	-.00142	-.00027	-.00367	-.00299	-.00091	.00019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00005	.00608	-.00005	-.00011	.00076	-.00377
Stddev	.00004	.00002	.00097	.00010	.00019	.00030	.00114
%RSD	80.686	39.509	15.967	191.78	172.08	38.814	30.192

#1	.00007	-.00007	.00539	-.00013	.00002	.00055	-.00297
#2	.00002	-.00004	.00677	.00002	-.00025	.00097	-.00457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.05564	.00077	-.00007	-.07083	-.00007	-.00025
Stddev	.00011	.01133	.00012	.00000	.01137	.00052	.00003
%RSD	137.67	20.359	15.038	1.8268	16.055	773.51	10.942

#1	-.00015	-.06365	.00085	-.00007	-.07887	-.00044	-.00027
#2	-.00000	-.04763	.00069	-.00007	-.06279	.00030	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05941	.00067	.00802	-.00408	.00187	-.00068	.00229
Stddev	.00251	.00022	.00094	.00305	.00440	.00003	.00117
%RSD	4.2233	33.454	11.725	74.808	235.53	4.0810	50.927

#1	.05764	.00051	.00736	-.00192	-.00124	-.00070	.00312
#2	.06119	.00082	.00869	-.00624	.00498	-.00067	.00147

Sample Name: CCB03 Acquired: 9/18/2018 15:25:12 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03242	-.0004	.00013	F 1.8439	F 4.5246
Stddev	.00568	.0010	.00004	.1932	1.5022
%RSD	17.522	226.0	28.280	10.475	33.202

#1	-.03644	.0003	.00010	1.9805	3.4623
#2	-.02841	-.0011	.00016	1.7074	5.5868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.3	31436.	3983.7	97.334	2722.5
Stddev	19.3	17.	35.8	1.847	20.2
%RSD	.88731	.05286	.89807	1.8971	.74239

#1	2163.6	31424.	3958.4	98.639	2708.2
#2	2190.9	31447.	4009.0	96.028	2736.7

Sample Name: J4913-02LX5 Acquired: 9/18/2018 15:29:16 Type: Unk
Method: P4-ICP2(v2440) 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	.00110	-.00089	.00018	-.00194	-.00255	.02101	.00345	.00002
Stddev	.00641	.00007	.00038	.00513	.00037	.00042	.00045	.00002
%RSD	581.85	8.2585	212.66	264.44	14.510	1.9859	13.155	100.93

#1	.00563	-.00095	.00045	-.00556	-.00229	.02131	.00313	.00001
#2	-.00343	-.00084	-.00009	.00169	-.00282	.02072	.00377	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	1.2846	-.00003	-.00025	.00092	.01271	.00481	.34600
Stddev	.00007	.0063	.00030	.00013	.00004	.00195	.00006	.05956
%RSD	116.26	.49106	1062.1	51.103	4.3749	15.379	1.2959	17.213

#1	-.00011	1.2891	-.00024	-.00016	.00090	.01409	.00476	.38811
#2	-.00001	1.2802	.00019	-.00034	.00095	.01133	.00485	.30388

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	-.00027	7.9771	.00003	.00578	.37396	-.00025	.02272
Stddev	.00023	.00008	.0295	.00048	.00017	.00146	.00010	.00147
%RSD	13.520	28.002	.37000	1932.7	2.9440	.39153	42.432	6.4701

#1	.00187	-.00022	7.9562	-.00032	.00590	.37499	-.00032	.02376
#2	.00154	-.00033	7.9980	.00037	.00566	.37292	-.00017	.02168

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51812	1.3057	-.00014	.00173	-.04347	.0012	.00867	1.2989
Stddev	.00019	.0060	.00029	.00130	.01023	.0002	.00005	.3770
%RSD	.03756	.45556	201.97	75.088	23.546	19.27	.61192	29.028

#1	.51798	1.3099	.00006	.00265	-.05070	.0014	.00864	1.5655
#2	.51826	1.3015	-.00034	.00081	-.03623	.0011	.00871	1.0323

Sample Name: J4913-02LX5 Acquired: 9/18/2018 15:29:16 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6572
Stddev .2387
%RSD 8.9841

#1 2.8260
#2 2.4884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.6	31943.	4066.5	104.79	2738.1
Stddev	8.6	83.	14.0	2.08	12.9
%RSD	.39254	.25902	.34429	1.9829	.47054

#1	2196.5	31885.	4056.6	103.32	2729.0
#2	2208.7	32002.	4076.4	106.26	2747.2

Sample Name: J4913-02MS Acquired: 9/18/2018 15:33:19 Type: Unk
Method: P4-ICP2(v2440) 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	.79561	1.9195	.94141	1.9367	.78138	2.0185	.22882
Stddev	.01579	.0254	.02024	.0380	.00954	.0325	.00044
%RSD	1.9845	1.3244	2.1502	1.9604	1.2209	1.6079	.19222

#1	.78444	1.9015	.92709	1.9099	.77463	2.0414	.22913
#2	.80677	1.9375	.95572	1.9636	.78812	1.9955	.22851

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18548	.19503	7.8421	.41657	.19164	.30129	3.0690
Stddev	.00138	.00335	.0035	.00143	.00318	.00468	.0228
%RSD	.74397	1.7164	.04490	.34408	1.6569	1.5517	.74149

#1	.18645	.19266	7.8446	.41759	.18940	.29798	3.0529
#2	.18450	.19739	7.8396	.41556	.19389	.30459	3.0851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20974	4.1702	.49456	.06565	46.058	.28974	.23579
Stddev	.00093	.0273	.00910	.00069	.090	.00207	.00480
%RSD	.44235	.65452	1.8403	1.0476	.19442	.71445	2.0341

#1	.21040	4.1509	.48813	.06614	46.121	.29120	.23240
#2	.20909	4.1895	.50100	.06517	45.995	.28827	.23918

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.862	.42175	.36014	2.5766	7.5719	.67296	.21359
Stddev	.087	.00606	.00213	.0034	.0021	.01296	.00053
%RSD	.73760	1.4364	.59181	.13238	.02780	1.9254	.24792

#1	11.924	.41747	.35863	2.5790	7.5704	.66380	.21397
#2	11.800	.42603	.36165	2.5742	7.5734	.68212	.21322

Sample Name: J4913-02MS Acquired: 9/18/2018 15:33:19 Type: Unk
 Method: P4-ICP2(v2440) 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	1.7162	5.226	.24283	2.7137	F<.00000
Stddev	.0032	.067	.00066	.2416	2.3377
%RSD	.18456	1.274	.27099	8.9024	37.132

#1	1.7184	5.179	.24330	2.5428	-4.6427
#2	1.7139	5.273	.24237	2.8845	-7.9487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.4	30515.	3783.9	95.759	2550.4
Stddev	9.6	323.	13.4	.038	10.0
%RSD	.45578	1.0589	.35541	.03932	.39154

#1	2091.6	30287.	3774.4	95.786	2543.4
#2	2105.1	30744.	3793.4	95.732	2557.5

Sample Name: J4913-02MSD Acquired: 9/18/2018 15:37:11 Type: Unk
Method: P4-ICP2(v2440) 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	.84035	2.0083	.99027	2.0357	.81635	2.1868	.23795
Stddev	.00122	.0040	.00318	.0034	.00107	.0143	.00076
%RSD	.14523	.19834	.32130	.16757	.13152	.65435	.31918

#1	.83948	2.0055	.98802	2.0333	.81711	2.1767	.23742
#2	.84121	2.0111	.99252	2.0382	.81559	2.1970	.23849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19979	.20461	7.5388	.44867	.20155	.31531	3.2871
Stddev	.00095	.00022	.0059	.00417	.00068	.00169	.0246
%RSD	.47502	.10628	.07871	.93022	.33838	.53459	.74723

#1	.19912	.20476	7.5346	.44572	.20107	.31412	3.3045
#2	.20046	.20445	7.5430	.45162	.20203	.31650	3.2698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22538	4.2521	.51989	.07100	44.525	.31335	.24144
Stddev	.00038	.0800	.00052	.00050	.051	.00257	.00130
%RSD	.16845	1.8818	.10051	.69911	.11559	.81956	.53701

#1	.22511	4.1955	.52026	.07065	44.489	.31154	.24236
#2	.22565	4.3086	.51952	.07135	44.561	.31517	.24053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.287	.44209	.37370	2.5660	7.3434	.70008	.22001
Stddev	.099	.00006	.01994	.0067	.0707	.00044	.00315
%RSD	.80270	.01387	5.3361	.26092	.96302	.06295	1.4302

#1	12.218	.44205	.35960	2.5708	7.2934	.70039	.22224
#2	12.357	.44214	.38780	2.5613	7.3934	.69977	.21779

Sample Name: J4913-02MSD Acquired: 9/18/2018 15:37:11 Type: Unk
 Method: P4-ICP2(v2440) 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	1.8051	5.479	.25212	2.4658	F<.00000
Stddev	.0157	.013	.00102	.7650	2.2059
%RSD	.86945	.2288	.40316	31.024	24.661

#1	1.7940	5.471	.25140	3.0067	-10.505
#2	1.8162	5.488	.25284	1.9249	-7.3853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.4	30853.	3932.4	97.939	2561.8
Stddev	11.8	95.	5.9	1.128	11.9
%RSD	.56002	.30737	.15098	1.1519	.46358

#1	2099.1	30786.	3936.6	97.142	2553.4
#2	2115.8	30921.	3928.2	98.737	2570.2

Sample Name: J4913-02A Acquired: 9/18/2018 15:41:02 Type: Unk
Method: P4-ICP2(v2440) 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	.83516	2.0024	.98520	2.0320	.81901	2.1618	.23372
Stddev	.00077	.0055	.00423	.0048	.00045	.0206	.00817
%RSD	.09255	.27647	.42977	.23682	.05537	.95209	3.4937

#1	.83571	1.9985	.98819	2.0354	.81933	2.1472	.22794
#2	.83462	2.0063	.98220	2.0286	.81869	2.1763	.23949

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20043	.20405	7.3841	.44884	.20050	.31506	3.1785
Stddev	.00008	.00018	.2682	.00059	.00047	.00159	.0655
%RSD	.03743	.08890	3.6315	.13163	.23679	.50447	2.0599

#1	.20048	.20418	7.1945	.44926	.20016	.31618	3.1322
#2	.20037	.20392	7.5737	.44843	.20084	.31393	3.2248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22524	4.1146	.51910	.07110	43.570	.31191	.23294
Stddev	.00001	.1713	.00181	.00050	1.362	.00087	.00099
%RSD	.00277	4.1627	.34838	.70009	3.1258	.27917	.42371

#1	.22524	3.9935	.52038	.07075	42.607	.31252	.23224
#2	.22523	4.2357	.51782	.07145	44.533	.31129	.23364

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.070	.43931	.36230	2.5643	7.2328	.69803	.21806
Stddev	.295	.00194	.00974	.0080	.1721	.00195	.00870
%RSD	2.4451	.44212	2.6872	.31308	2.3798	.27868	3.9913

#1	11.862	.44069	.35541	2.5700	7.1111	.69940	.21191
#2	12.279	.43794	.36918	2.5586	7.3545	.69665	.22422

Sample Name: J4913-02A Acquired: 9/18/2018 15:41:02 Type: Unk
 Method: P4-ICP2(v2440) 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	1.7543	5.476	.24686	2.1939	F<.00000
Stddev	.0532	.005	.00822	.4350	.60007
%RSD	3.0320	.0860	3.3306	19.829	7.0389

#1	1.7167	5.479	.24104	2.5016	-8.1007
#2	1.7919	5.472	.25267	1.8863	-8.9493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.2	31011.	4017.1	101.45	2570.7
Stddev	7.2	88.	89.5	.02	8.8
%RSD	.34284	.28401	2.2275	.01983	.34216

#1	2109.1	30949.	4080.3	101.46	2564.5
#2	2119.4	31073.	3953.8	101.43	2576.9

Sample Name: J4913-03 Acquired: 9/18/2018 15:44:53 Type: Unk
Method: P4-ICP2(v2440) 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	-.00207	.00034	-.00132	.00245	-.00252	-.00070	.03480	-.00003
Stddev	.00117	.00042	.00012	.00424	.00268	.00986	.00118	.00003
%RSD	56.412	122.84	8.8377	173.49	106.49	1410.8	3.4000	118.87

#1	-.00289	.00004	-.00124	-.00055	-.00062	.00627	.03396	-.00005
#2	-.00124	.00064	-.00140	.00545	-.00441	-.00767	.03563	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	10.387	.00064	-.00015	.02587	.00283	.01337	3.3503
Stddev	.00005	.019	.00031	.00006	.00002	.00134	.00001	.0502
%RSD	42.051	.18135	48.071	41.775	.09549	47.338	.08504	1.4991

#1	-.00016	10.374	.00042	-.00020	.02585	.00377	.01337	3.3148
#2	-.00009	10.400	.00086	-.00011	.02588	.00188	.01336	3.3858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00028	36.025	-.00027	.02341	1.7549	.00021	.05116
Stddev	.00021	.00029	.107	.00045	.00005	.0532	.00014	.01110
%RSD	13.334	103.09	.29623	164.91	.22696	3.0295	67.533	21.705

#1	.00145	-.00048	36.101	-.00059	.02344	1.7925	.00031	.04331
#2	.00176	-.00008	35.950	.00005	.02337	1.7173	.00011	.05901

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9550	6.9586	-.00264	.00334	-.03610	.0053	.08056	1.7128
Stddev	.0055	.0167	.00065	.00009	.00719	.0005	.00011	.1400
%RSD	.09299	.23974	24.650	2.8247	19.906	9.585	.13062	8.1729

#1	5.9589	6.9704	-.00218	.00341	-.03102	.0049	.08064	1.8118
#2	5.9511	6.9468	-.00310	.00328	-.04118	.0057	.08049	1.6138

Sample Name: J4913-03 Acquired: 9/18/2018 15:44:53 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8426
 Stddev .9589
 %RSD 16.413

#1 6.5207
 #2 5.1645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.0	31138.	4014.0	100.19	2628.0
Stddev	1.6	58.	17.2	.05	3.4
%RSD	.07474	.18515	.42817	.04516	.13021

#1	2132.1	31097.	4001.9	100.16	2625.5
#2	2129.8	31179.	4026.2	100.22	2630.4

Sample Name: J4913-04 Acquired: 9/18/2018 15:48:56 Type: Unk
Method: P4-ICP2(v2440) 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	.00030	-.00258	.00175	.00179	-.00376	.86174	.17984	-.00004
Stddev	.00329	.00003	.00074	.00336	.00134	.00071	.00036	.00007
%RSD	1085.6	1.0843	42.329	187.21	35.693	.08188	.20283	179.90

#1	-.00202	-.00256	.00227	.00417	-.00471	.86224	.18010	-.00009
#2	.00263	-.00260	.00123	-.00058	-.00281	.86124	.17958	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14724	64.484	.01600	-.00014	.00148	.65559	.00458	11.489
Stddev	.00032	.346	.00023	.00017	.00043	.01360	.00002	.040
%RSD	.21852	.53664	1.4397	120.59	29.253	2.0745	.46293	.34815

#1	.14747	64.240	.01584	-.00002	.00179	.64597	.00459	11.517
#2	.14701	64.729	.01616	-.00026	.00117	.66520	.00456	11.460

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.00025	179.17	.00237	.10050	6.5661	.00043	.03296
Stddev	.00037	.00006	.16	.00004	.00053	.0420	.00028	.00281
%RSD	27.270	24.584	.09144	1.5688	.52692	.63887	64.395	8.5154

#1	.00162	.00020	179.06	.00234	.10088	6.5365	.00063	.03098
#2	.00110	.00029	179.29	.00239	.10013	6.5958	.00024	.03495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1130	6.2734	.00032	.01411	-.02583	.0268	.46634	4.4202
Stddev	.0215	.0059	.00114	.00303	.00353	.0009	.00125	.0054
%RSD	.26518	.09438	356.92	21.464	13.658	3.311	.26732	.12239

#1	8.1282	6.2776	-.00049	.01197	-.02333	.0274	.46545	4.4163
#2	8.0978	6.2692	.00112	.01625	-.02832	.0262	.46722	4.4240

Sample Name: J4913-04 Acquired: 9/18/2018 15:48:56 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.7449
Stddev .3033
%RSD 3.4685

#1 8.9594
#2 8.5304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.2	29797.	3945.5	95.822	2391.1
Stddev	2.6	107.	3.1	.246	2.0
%RSD	.12574	.35877	.07751	.25621	.08435

#1	2035.3	29722.	3943.3	95.648	2389.6
#2	2039.0	29873.	3947.7	95.995	2392.5

Sample Name: J4913-05 Acquired: 9/18/2018 15:52:57 Type: Unk
Method: P4-ICP2(v2440) 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	.00210	-.00079	-.00002	.00304	-.00393	.01025	.01586	-.00010
Stddev	.00071	.00082	.00108	.00153	.00077	.00308	.00127	.00005
%RSD	33.537	104.34	6549.8	50.359	19.550	30.035	7.9974	48.756

#1	.00260	-.00021	.00075	.00412	-.00447	.00808	.01496	-.00013
#2	.00161	-.00137	-.00078	.00195	-.00339	.01243	.01676	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	4.9209	.00133	.00019	.00075	.01310	.01575	1.7550
Stddev	.00007	.0120	.00019	.00022	.00050	.00460	.00024	.0440
%RSD	454.60	.24389	14.103	112.76	67.386	35.134	1.5536	2.5073

#1	.00003	4.9124	.00147	.00035	.00039	.00984	.01558	1.7861
#2	-.00006	4.9294	.00120	.00004	.00110	.01635	.01592	1.7238

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	.00020	17.031	-.00027	.02005	1.5821	.00011	.02983
Stddev	.00013	.00006	.005	.00000	.00041	.0604	.00003	.00384
%RSD	5.2927	30.329	.03105	1.3843	2.0457	3.8201	32.144	12.868

#1	.00239	.00024	17.027	-.00027	.02034	1.5393	.00008	.03254
#2	.00257	.00016	17.035	-.00027	.01976	1.6248	.00013	.02711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6173	5.7299	-.00214	.00129	-.04469	.0014	.05582	1.3594
Stddev	.0114	.0511	.00107	.00221	.01193	.0005	.00016	.1984
%RSD	.24594	.89226	49.964	170.61	26.700	32.31	.28250	14.596

#1	4.6093	5.6938	-.00138	.00285	-.05312	.0011	.05571	1.4998
#2	4.6254	5.7661	-.00290	-.00027	-.03625	.0017	.05593	1.2191

Sample Name: J4913-05 Acquired: 9/18/2018 15:52:57 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1277
 Stddev 2.5399
 %RSD 81.206

#1 1.3317
 #2 4.9237

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.6	31819.	4079.4	102.04	2708.2
Stddev	11.4	51.	2.1	2.22	11.3
%RSD	.52317	.16010	.05175	2.1761	.41724

#1	2162.6	31783.	4077.9	100.47	2700.2
#2	2178.6	31855.	4080.9	103.61	2716.2

Sample Name: J4913-06 Acquired: 9/18/2018 15:57:00 Type: Unk
Method: P4-ICP2(v2440) 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	.11048	-.00198	.01258	.00593	-.00144	11.316	.04525	.00034
Stddev	.00158	.00047	.00025	.00109	.00018	.061	.00020	.00000
%RSD	1.4277	23.843	2.0031	18.406	12.738	.53596	.44307	1.1774

#1	.10936	-.00165	.01276	.00670	-.00157	11.359	.04511	.00034
#2	.11159	-.00232	.01240	.00516	-.00131	11.273	.04539	.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	3.4952	.01566	.00118	.05497	6.6925	.02000	.33633
Stddev	.00010	.0116	.00066	.00036	.00002	.0804	.00009	.04410
%RSD	30.612	.33294	4.2278	30.128	.02811	1.2021	.45514	13.112

#1	-.00042	3.4870	.01519	.00143	.05498	6.7494	.01994	.30515
#2	-.00027	3.5034	.01613	.00093	.05496	6.6356	.02007	.36751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01218	-.00021	72.444	.05651	.03800	2.1925	.01861	.13460
Stddev	.00017	.00005	.202	.00080	.00001	.0301	.00002	.00032
%RSD	1.3958	24.335	.27878	1.4236	.03910	1.3741	.08102	.23853

#1	.01206	-.00018	72.587	.05708	.03799	2.2138	.01860	.13438
#2	.01230	-.00025	72.301	.05594	.03801	2.1712	.01862	.13483

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0796	14.140	.00105	.19827	.00827	.6880	.10171	1.4147
Stddev	.0130	.026	.00004	.00462	.00743	.0008	.00025	.5027
%RSD	.25505	.18282	4.0509	2.3312	89.866	.1186	.24265	35.536

#1	5.0705	14.122	.00108	.19500	.00301	.6886	.10188	1.0592
#2	5.0888	14.159	.00102	.20154	.01352	.6874	.10153	1.7702

Sample Name: J4913-06 Acquired: 9/18/2018 15:57:00 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3392
Stddev .4527
%RSD 33.803

#1 1.6593
#2 1.0191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.7	31229.	4050.5	98.613	2553.5
Stddev	15.9	20.	18.9	.679	17.6
%RSD	.73928	.06523	.46736	.68852	.68787

#1	2134.5	31243.	4063.9	98.133	2541.0
#2	2156.9	31214.	4037.1	99.093	2565.9

Sample Name: J4913-07 Acquired: 9/18/2018 16:01:01 Type: Unk
Method: P4-ICP2(v2440) 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	.00227	-.00232	.00130	.00100	-.00148	1.3613	.05340	.00002
Stddev	.00163	.00258	.00174	.00412	.00057	.0114	.00064	.00005
%RSD	71.791	111.44	133.49	412.39	38.284	.83568	1.2040	261.93

#1	.00112	-.00049	.00007	.00391	-.00108	1.3693	.05386	.00005
#2	.00343	-.00414	.00253	-.00191	-.00188	1.3533	.05295	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	24.988	.00216	-.00020	.00232	1.2299	.00509	8.2383
Stddev	.00011	.004	.00014	.00026	.00020	.0100	.00003	.0183
%RSD	85.643	.01623	6.4450	131.68	8.4961	.81275	.52048	.22173

#1	-.00020	24.985	.00226	-.00001	.00218	1.2228	.00507	8.2253
#2	-.00005	24.991	.00206	-.00039	.00246	1.2370	.00511	8.2512

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00032	62.553	.00302	.02833	2.7259	.00034	.06858
Stddev	.00033	.00033	.145	.00032	.00032	.0380	.00033	.00535
%RSD	23.723	103.93	.23260	10.546	1.1351	1.3949	94.768	7.8022

#1	.00117	.00009	62.656	.00279	.02810	2.6991	.00011	.06480
#2	.00164	.00056	62.451	.00325	.02855	2.7528	.00057	.07237

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8608	9.0456	.00009	.05667	-.00666	.0060	.18003	2.3803
Stddev	.0194	.0074	.00097	.00126	.00919	.0000	.00030	.5192
%RSD	.39889	.08218	1057.8	2.2150	138.05	.1629	.16525	21.812

#1	4.8745	9.0508	-.00060	.05578	-.00016	.0060	.18024	2.0132
#2	4.8471	9.0403	.00078	.05756	-.01316	.0060	.17982	2.7474

Sample Name: J4913-07 Acquired: 9/18/2018 16:01:01 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5060
Stddev .6836
%RSD 15.171

#1 4.0226
#2 4.9894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.7	30624.	3965.0	96.558	2539.3
Stddev	12.0	66.	1.8	.331	14.7
%RSD	.57467	.21558	.04609	.34295	.57828

#1	2088.2	30577.	3966.3	96.792	2528.9
#2	2105.2	30670.	3963.8	96.324	2549.7

Sample Name: J4913-08 Acquired: 9/18/2018 16:05:02 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	.00063	-.00071	.00087	-.00193	.04462	.01737	-.00004
Stddev	.00035	.00058	.00034	.00219	.00202	.00799	.00046	.00001
%RSD	51.746	92.643	47.280	250.52	104.47	17.899	2.6745	31.213

#1	-.00043	.00104	-.00047	.00242	-.00336	.03897	.01770	-.00003
#2	-.00093	.00022	-.00095	-.00067	-.00051	.05027	.01704	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	5.4787	.00327	.00027	.01679	.08139	.01702	1.7998
Stddev	.00005	.0111	.00032	.00001	.00008	.00095	.00000	.0726
%RSD	26.043	.20207	9.6445	4.2359	.48805	1.1649	.02366	4.0332

#1	-.00016	5.4708	.00305	.00026	.01684	.08072	.01702	1.7485
#2	-.00023	5.4865	.00349	.00028	.01673	.08206	.01701	1.8511

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00343	-.00036	17.907	.00026	.08183	1.6677	.00002	.04003
Stddev	.00049	.00008	.036	.00019	.00014	.0117	.00003	.01296
%RSD	14.266	20.979	.20005	75.667	.17532	.70199	135.73	32.383

#1	.00308	-.00031	17.932	.00012	.08193	1.6594	.00005	.04919
#2	.00377	-.00042	17.881	.00039	.08173	1.6760	.00000	.03086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7855	5.9329	-.00007	.00257	-.04177	.0035	.05820	1.5445
Stddev	.0062	.0125	.00036	.00204	.00195	.0016	.00017	.2032
%RSD	.12985	.21003	529.58	79.325	4.6675	46.67	.28433	13.157

#1	4.7899	5.9241	.00018	.00401	-.04040	.0024	.05832	1.6882
#2	4.7811	5.9417	-.00032	.00113	-.04315	.0047	.05808	1.4008

Sample Name: J4913-08 Acquired: 9/18/2018 16:05:02 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.1816
 Stddev 2.4374
 %RSD 58.289

#1 2.4581
 #2 5.9051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.5	31326.	4018.3	99.192	2679.1
Stddev	15.3	21.	14.3	.948	17.6
%RSD	.71463	.06800	.35551	.95598	.65877

#1	2133.6	31311.	4008.2	98.521	2666.6
#2	2155.3	31341.	4028.4	99.862	2691.5

Sample Name: CCV04 Acquired: 9/18/2018 16:09:04 Type: Unk
Method: P4-ICP2(v2440) 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	4.9610	4.8389	4.9339	4.9782	4.9541	9.9399	10.137	.24969
Stddev	.0153	.0107	.0069	.0270	.0128	.0530	.042	.00019
%RSD	.30877	.22218	.13928	.54187	.25919	.53296	.41198	.07497
#1	4.9718	4.8465	4.9388	4.9973	4.9632	9.9024	10.167	.24956
#2	4.9501	4.8313	4.9290	4.9591	4.9451	9.9774	10.108	.24982
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4568	25.568	1.0435	2.4549	1.2588	4.9452	2.5149	25.573
Stddev	.0017	.082	.0007	.0034	.0046	.0222	.0105	.005
%RSD	.07005	.32124	.06522	.13972	.36229	.44893	.41611	.01869
#1	2.4580	25.510	1.0430	2.4574	1.2621	4.9609	2.5075	25.576
#2	2.4556	25.626	1.0440	2.4525	1.2556	4.9295	2.5223	25.569
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4734	1.2196	25.152	2.4618	2.5522	25.733	5.0202	5.0006
Stddev	.0078	.0022	.025	.0060	.0134	.085	.0193	.0278
%RSD	.31443	.18203	.10020	.24417	.52310	.33006	.38399	.55675
#1	2.4789	1.2181	25.170	2.4576	2.5617	25.793	5.0338	4.9809
#2	2.4679	1.2212	25.135	2.4661	2.5428	25.673	5.0066	5.0203
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7717	4.9458	4.9232	5.0774	4.6332	5.000	5.1404	F 2.0313
Stddev	.0039	.0197	.0209	.0182	.0252	.005	.0134	.3727
%RSD	.08150	.39744	.42539	.35843	.54430	.1040	.25995	18.347
#1	4.7689	4.9597	4.9084	5.0903	4.6511	5.004	5.1498	2.2948
#2	4.7744	4.9319	4.9380	5.0645	4.6154	4.996	5.1309	1.7678

Sample Name: CCV04 Acquired: 9/18/2018 16:09:04 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 8.2129
Stddev 3.5456
%RSD 43.172

#1 10.720
#2 5.7057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.0	30805.	3980.1	97.363	2472.9
Stddev	6.4	118.	9.6	.553	3.7
%RSD	.30080	.38412	.24058	.56757	.14967

#1	2133.5	30889.	3973.3	96.972	2470.3
#2	2142.6	30721.	3986.9	97.754	2475.6

Sample Name: CCB04 Acquired: 9/18/2018 16:12:47 Type: Unk
Method: P4-ICP2(v2440) 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	.00011	.00011	-.00100	.00013	-.00149	-.01865	-.00042
Stddev	.00166	.00153	.00029	.00499	.00237	.00009	.00027
%RSD	1531.6	1427.4	28.835	3700.8	159.31	.46026	64.068

#1	.00128	.00119	-.00121	-.00340	-.00317	-.01859	-.00061
#2	-.00107	-.00098	-.00080	.00367	.00019	-.01871	-.00023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00011	-.00820	-.00040	-.00025	.00075	-.00370
Stddev	.00010	.00002	.00021	.00007	.00001	.00072	.00264
%RSD	770.66	20.856	2.5083	16.953	3.6364	95.754	71.156

#1	.00008	-.00013	-.00805	-.00045	-.00024	.00024	-.00557
#2	-.00006	-.00010	-.00834	-.00036	-.00025	.00125	-.00184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.09948	.00091	-.00039	-.07388	-.00064	-.00023
Stddev	.00007	.03026	.00023	.00091	.00273	.00053	.00019
%RSD	96.257	30.417	25.761	236.04	3.6928	81.775	82.605

#1	-.00012	-.12088	.00074	.00026	-.07195	-.00101	-.00037
#2	-.00002	-.07808	.00107	-.00103	-.07581	-.00027	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05726	.00038	.00137	-.00051	-.00374	-.00021	.00295
Stddev	.03689	.00020	.00926	.00209	.00017	.00141	.00091
%RSD	64.430	52.336	677.43	413.62	4.5780	671.88	30.793

#1	.03117	.00024	-.00518	.00097	-.00362	-.00120	.00359
#2	.08335	.00052	.00791	-.00199	-.00386	.00078	.00231

Sample Name: CCB04 Acquired: 9/18/2018 16:12:47 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03152	-.0008	.00017	F 1.0411	F 4.9362
Stddev	.00797	.0000	.00003	.2008	.4677
%RSD	25.275	5.558	16.182	19.286	9.4758

#1	-.03716	-.0008	.00018	.89915	4.6054
#2	-.02589	-.0009	.00015	1.1831	5.2669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.3	31811.	3991.9	98.467	2745.1
Stddev	2.7	8.	21.5	1.091	1.0
%RSD	.12283	.02370	.53978	1.1076	.03462

#1	2195.4	31816.	4007.1	99.239	2745.8
#2	2199.2	31805.	3976.7	97.696	2744.4

Sample Name: PB112963BL Acquired: 9/18/2018 16:16:50 Type: Unk
Method: P4-ICP2(v2440) 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	.00153	-.00067	-.00094	-.00394	-.00315	-.00005	-.00038
Stddev	.00288	.00438	.00102	.00105	.00030	.00146	.00143
%RSD	187.91	653.65	109.45	26.684	9.5287	2689.2	376.37

#1	.00357	.00242	-.00166	-.00320	-.00336	.00098	-.00139
#2	-.00050	-.00376	-.00021	-.00468	-.00294	-.00109	.00063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00011	-.01889	-.00031	-.00021	.00115	-.00405
Stddev	.00002	.00001	.00134	.00004	.00004	.00029	.01096
%RSD	33.820	7.2466	7.0720	13.015	20.792	25.207	270.66

#1	-.00006	-.00012	-.01794	-.00033	-.00018	.00094	-.01180
#2	-.00004	-.00011	-.01983	-.00028	-.00024	.00135	.00370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.07715	.00084	-.00045	-.07651	.00027	-.00020
Stddev	.00001	.00537	.00029	.00023	.01077	.00032	.00004
%RSD	13.495	6.9548	34.266	51.286	14.082	118.40	22.249

#1	-.00005	-.08094	.00063	-.00029	-.06889	.00004	-.00017
#2	-.00006	-.07336	.00104	-.00062	-.08412	.00049	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04795	-.00007	.00263	-.00500	-.00210	.00035	.00329
Stddev	.04001	.00028	.00447	.00091	.00041	.00022	.00043
%RSD	83.447	419.63	170.15	18.276	19.632	63.553	12.998

#1	.01966	-.00026	-.00053	-.00564	-.00239	.00019	.00359
#2	.07625	.00013	.00579	-.00435	-.00181	.00051	.00298

Sample Name: PB112963BL Acquired: 9/18/2018 16:16:50 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.04098	.0022	.00014	F .72445	F 3.6967
Stddev	.00469	.0004	.00002	.17193	.2885
%RSD	11.453	17.93	11.653	23.732	7.8038

#1	-.04430	.0025	.00015	.60288	3.9007
#2	-.03766	.0019	.00013	.84603	3.4927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.9	31741.	3975.5	97.116	2742.7
Stddev	4.6	20.	29.2	.160	2.0
%RSD	.20927	.06388	.73540	.16493	.07391

#1	2200.1	31727.	3954.8	97.230	2744.1
#2	2193.6	31755.	3996.1	97.003	2741.3

Sample Name: PB112963BS Acquired: 9/18/2018 16:20:53 Type: Unk
Method: P4-ICP2(v2440) 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	.77354	1.8813	.91405	1.8844	.75404	1.8905	.20540
Stddev	.00269	.0055	.00144	.0018	.00274	.0051	.00083
%RSD	.34792	.29047	.15708	.09611	.36303	.26999	.40597

#1	.77164	1.8852	.91506	1.8832	.75598	1.8869	.20481
#2	.77544	1.8774	.91303	1.8857	.75211	1.8941	.20599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18180	.18691	1.0454	.39907	.18472	.30057	2.9149
Stddev	.00050	.00036	.0223	.00236	.00036	.00083	.0089
%RSD	.27667	.19357	2.1347	.59139	.19654	.27567	.30463

#1	.18216	.18665	1.0612	.39741	.18447	.30115	2.9212
#2	.18145	.18716	1.0296	.40074	.18498	.29998	2.9086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20329	1.9104	.46693	.06664	2.9529	.29603	.20052
Stddev	.00038	.0226	.00017	.00079	.0117	.00150	.00015
%RSD	.18532	1.1836	.03710	1.1863	.39742	.50724	.07367

#1	.20303	1.8944	.46705	.06609	2.9446	.29497	.20063
#2	.20356	1.9264	.46681	.06720	2.9612	.29709	.20042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.237	.40987	.29310	F -.00124	.89610	.63333	.20671
Stddev	.008	.00001	.00677	.00479	.00299	.00076	.00053
%RSD	.07371	.00303	2.3110	386.06	.33366	.12044	.25780

#1	10.232	.40988	.28831	-.00463	.89822	.63279	.20709
#2	10.242	.40987	.29789	.00215	.89399	.63387	.20633

Sample Name: PB112963BS Acquired: 9/18/2018 16:20:53 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.6952	4.953	.20197	F .56192	F<.00000
Stddev	.0106	.008	.00023	.13872	.70551
%RSD	.62706	.1593	.11487	24.687	6.2283

#1	1.7027	4.947	.20214	.66001	-11.826
#2	1.6877	4.958	.20181	.46383	-10.829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.2	31745.	4003.2	101.33	2681.2
Stddev	3.7	71.	17.6	.24	4.3
%RSD	.17364	.22347	.43862	.24002	.16173

#1	2143.5	31695.	3990.8	101.16	2678.1
#2	2148.8	31796.	4015.6	101.50	2684.3

Sample Name: PB112977BL Acquired: 9/18/2018 16:24:44 Type: Unk
Method: P4-ICP2(v2440) 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	.00280	-.00044	-.00004	-.00164	-.00206	-.01218	-.00003
Stddev	.00226	.00103	.00089	.00066	.00131	.00360	.00024
%RSD	80.541	233.65	2073.1	40.287	63.475	29.546	938.57

#1	.00121	-.00117	.00059	-.00211	-.00114	-.01473	.00014
#2	.00440	.00029	-.00067	-.00117	-.00299	-.00964	-.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00004	.00129	.00001	-.00025	.00093	-.00342
Stddev	.00001	.00004	.00988	.00022	.00013	.00037	.00455
%RSD	12.751	104.17	767.92	2810.3	50.470	40.315	132.88

#1	-.00006	-.00001	-.00570	-.00014	-.00016	.00066	-.00664
#2	-.00005	-.00007	.00827	.00016	-.00034	.00119	-.00021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.06958	.00086	.00024	-.08063	.00006	-.00021
Stddev	.00003	.01913	.00029	.00027	.00682	.00047	.00004
%RSD	23.594	27.487	33.410	111.02	8.4528	834.13	17.576

#1	-.00009	-.05606	.00107	.00005	-.07581	.00039	-.00024
#2	-.00013	-.08311	.00066	.00044	-.08545	-.00028	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05525	-.00002	-.00258	-.00537	-.00062	-.00026	.00198
Stddev	.01576	.00007	.00438	.00282	.00050	.00081	.00097
%RSD	28.526	369.75	170.02	52.440	79.599	306.14	49.187

#1	.06640	-.00007	.00052	-.00737	-.00098	-.00083	.00129
#2	.04411	.00003	-.00567	-.00338	-.00027	.00031	.00267

Sample Name: PB112977BL Acquired: 9/18/2018 16:24:44 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.04245	-.0014	.00025	F .48752	F 3.6868
Stddev	.00444	.0006	.00003	.49601	.2140
%RSD	10.452	45.84	11.968	101.74	5.8048

#1	-.03931	-.0009	.00023	.83825	3.5355
#2	-.04559	-.0018	.00027	.13679	3.8381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.4	31953.	3969.5	99.922	2751.3
Stddev	5.0	94.	33.2	1.293	3.4
%RSD	.22486	.29324	.83668	1.2942	.12266

#1	2200.9	31887.	3992.9	100.84	2749.0
#2	2207.9	32019.	3946.0	99.008	2753.7

Sample Name: PB112977BS Acquired: 9/18/2018 16:28:48 Type: Unk
Method: P4-ICP2(v2440) 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	.75409	1.8496	.89964	1.8536	.74706	1.8784	.20214
Stddev	.00599	.0012	.00027	.0111	.00213	.0061	.00085
%RSD	.79484	.06702	.03030	.59794	.28523	.32397	.42237

#1	.74986	1.8487	.89944	1.8615	.74857	1.8741	.20154
#2	.75833	1.8505	.89983	1.8458	.74556	1.8827	.20274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17947	.18472	1.0596	.39320	.18236	.29504	2.8802
Stddev	.00015	.00050	.0163	.00093	.00054	.00001	.0769
%RSD	.08419	.27004	1.5364	.23636	.29444	.00378	2.6688

#1	.17958	.18508	1.0481	.39385	.18198	.29503	2.8259
#2	.17936	.18437	1.0711	.39254	.18274	.29505	2.9346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20060	1.9500	.45883	.06515	2.9106	.29324	.20759
Stddev	.00010	.0069	.00120	.00045	.0176	.00169	.00496
%RSD	.05192	.35279	.26250	.69705	.60457	.57472	2.3895

#1	.20052	1.9548	.45968	.06483	2.8982	.29205	.20408
#2	.20067	1.9451	.45798	.06548	2.9231	.29443	.21110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.090	.40299	.28700	F -.00367	.90531	.61879	.20202
Stddev	.007	.00065	.00418	.00118	.01244	.00429	.00089
%RSD	.06634	.16198	1.4564	32.300	1.3737	.69280	.43867

#1	10.086	.40253	.28404	-.00450	.89652	.62182	.20139
#2	10.095	.40345	.28995	-.00283	.91411	.61576	.20265

Sample Name: PB112977BS Acquired: 9/18/2018 16:28:48 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.6669	4.872	.19839	.93126	F<.00000
Stddev	.0123	.011	.00129	.29771	2.3636
%RSD	.73664	.2229	.64861	31.968	22.825

#1	1.6582	4.879	.19748	.72075	-12.026
#2	1.6755	4.864	.19930	1.1418	-8.6839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.3	31746.	4019.5	100.05	2689.1
Stddev	6.2	42.	15.5	2.49	3.2
%RSD	.29027	.13212	.38655	2.4864	.11804

#1	2147.9	31717.	4030.4	101.81	2686.8
#2	2156.7	31776.	4008.5	98.293	2691.3

Sample Name: PB112977TB Acquired: 9/18/2018 16:32:40 Type: Unk
Method: P4-ICP2(v2440) 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	-.00556	-.00300	.00110	-.00077	-.00148	-.01115	-.00121	-.00011
Stddev	.00334	.00110	.00069	.00103	.00073	.00323	.00030	.00005
%RSD	60.141	36.537	62.457	133.85	49.163	28.981	24.813	49.227
#1	-.00792	-.00378	.00061	-.00150	-.00096	-.01343	-.00142	-.00014
#2	-.00319	-.00223	.00159	-.00004	-.00199	-.00886	-.00099	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.01779	.00009	-.00046	.00108	-.00161	.00021	-.05177
Stddev	.00007	.00203	.00006	.00015	.00032	.01994	.00000	.05378
%RSD	32.532	11.413	65.756	32.377	30.000	1240.7	.06511	103.88
#1	-.00017	.01635	.00014	-.00036	.00131	-.01570	.00021	-.08979
#2	-.00027	.01922	.00005	-.00057	.00085	.01249	.00021	-.01374
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00030	F 318.95	-.00024	.00604	.08899	.00021	.00647
Stddev	.00051	.00024	1.59	.00001	.00015	.00753	.00005	.00204
%RSD	42.036	81.133	.49888	2.6100	2.4128	8.4566	22.967	31.505
#1	.00158	-.00047	317.82	-.00024	.00594	.08367	.00024	.00503
#2	.00086	-.00013	320.08	-.00023	.00615	.09431	.00017	.00792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00256	.00219	.00079	-.04248	.0017	.00025	F 2.3070
Stddev	.00139	.00185	.00030	.00127	.00195	.0020	.00007	.0257
%RSD	105.91	72.147	13.570	160.21	4.6022	120.4	29.182	1.1130
#1	.00229	.00125	.00198	.00169	-.04386	.0032	.00030	2.2888
#2	.00033	.00386	.00239	-.00011	-.04109	.0003	.00020	2.3251

Sample Name: PB112977TB Acquired: 9/18/2018 16:32:40 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 10.872
Stddev 1.746
%RSD 16.060

#1 12.106
#2 9.6370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.3	29914.	4026.8	97.978	2408.8
Stddev	1.4	107.	37.6	.162	4.8
%RSD	.06763	.35783	.93483	.16512	.20130

#1	2059.3	29839.	4053.4	97.864	2405.3
#2	2061.3	29990.	4000.2	98.092	2412.2

Sample Name: PB112978BL Acquired: 9/18/2018 16:36:51 Type: Unk
Method: P4-ICP2(v2440) 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	-.00079	-.00045	-.00051	-.00409	-.00215	-.00274	.00074
Stddev	.00280	.00045	.00095	.00419	.00094	.01310	.00053
%RSD	356.05	98.975	185.97	102.45	43.889	477.71	70.896

#1	-.00276	-.00077	.00016	-.00113	-.00282	.00652	.00037
#2	.00119	-.00014	-.00118	-.00706	-.00148	-.01200	.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00011	-.01107	-.00071	-.00020	.00089	-.00455
Stddev	.00011	.00005	.01011	.00012	.00028	.00003	.00048
%RSD	233.37	46.690	91.311	16.827	139.68	2.9221	10.624

#1	.00013	-.00007	-.01822	-.00063	-.00000	.00087	-.00421
#2	-.00003	-.00015	-.00392	-.00080	-.00040	.00091	-.00489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.08607	.00086	-.00028	-.04237	-.00026	-.00015
Stddev	.00003	.02156	.00045	.00033	.00289	.00029	.00009
%RSD	29.711	25.044	52.430	121.02	6.8156	109.39	59.226

#1	-.00008	-.10131	.00118	-.00051	-.04033	-.00047	-.00009
#2	-.00012	-.07083	.00054	-.00004	-.04442	-.00006	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08718	-.00012	-.00455	-.00172	-.00192	-.00013	.00011
Stddev	.02098	.00025	.01236	.00109	.00428	.00084	.00170
%RSD	24.063	205.91	271.55	63.520	223.37	664.14	1511.7

#1	.10202	.00006	-.01329	-.00095	-.00494	.00047	.00131
#2	.07235	-.00030	.00419	-.00249	.00111	-.00072	-.00109

Sample Name: PB112978BL Acquired: 9/18/2018 16:36:51 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03695	-.0001	.00025	F .72726	F 3.3520
Stddev	.00496	.0005	.00008	.29348	2.0888
%RSD	13.412	412.2	32.801	40.354	62.315

#1	-.04046	-.0005	.00030	.93479	1.8750
#2	-.03345	.0002	.00019	.51974	4.8291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.8	31951.	3995.3	97.984	2758.8
Stddev	2.9	41.	10.8	.176	.8
%RSD	.12958	.12966	.27062	.17987	.03004

#1	2211.8	31922.	4003.0	98.109	2759.4
#2	2215.9	31981.	3987.7	97.860	2758.3

Sample Name: PB112978BS Acquired: 9/18/2018 16:40:56 Type: Unk
Method: P4-ICP2(v2440) 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	.78519	1.9108	.92495	1.9199	.76662	1.9143	.20939
Stddev	.00578	.0052	.00066	.0075	.00328	.0184	.00035
%RSD	.73611	.27422	.07175	.39248	.42757	.96096	.16748

#1	.78927	1.9145	.92542	1.9253	.76893	1.9013	.20964
#2	.78110	1.9071	.92448	1.9146	.76430	1.9273	.20915

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18390	.18995	1.0923	.40680	.18750	.30299	3.0363
Stddev	.00026	.00042	.0337	.00101	.00019	.00143	.0513
%RSD	.14295	.22087	3.0882	.24945	.10013	.47204	1.6889

#1	.18372	.18965	1.0685	.40609	.18737	.30400	3.0725
#2	.18409	.19025	1.1162	.40752	.18764	.30198	3.0000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20656	2.0251	.47292	.06834	3.0245	.30364	.20870
Stddev	.00049	.0281	.00058	.00114	.0089	.00101	.00036
%RSD	.23513	1.3874	.12349	1.6646	.29262	.33421	.17324

#1	.20622	2.0052	.47333	.06754	3.0182	.30292	.20896
#2	.20690	2.0450	.47251	.06915	3.0307	.30435	.20845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.418	.41522	.30704	F -.00378	.93300	.63709	.21245
Stddev	.027	.00128	.00421	.00018	.01404	.00164	.00025
%RSD	.26127	.30906	1.3726	4.8520	1.5044	.25719	.11842

#1	10.399	.41613	.30406	-.00391	.92308	.63593	.21227
#2	10.437	.41431	.31003	-.00365	.94293	.63825	.21263

Sample Name: PB112978BS Acquired: 9/18/2018 16:40:56 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.7407	5.039	.20490	F 1.0410	F<.00000
Stddev	.0031	.008	.00025	.1745	1.8608
%RSD	.17657	.1599	.12395	16.759	15.178

#1	1.7429	5.045	.20472	.91767	-10.944
#2	1.7386	5.034	.20508	1.1644	-13.576

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.5	31835.	3987.1	98.033	2695.9
Stddev	17.7	31.	4.3	1.084	18.3
%RSD	.82234	.09861	.10762	1.1060	.67776

#1	2141.0	31857.	3984.1	97.267	2683.0
#2	2166.0	31813.	3990.2	98.800	2708.8

Sample Name: PB112978TB Acquired: 9/18/2018 16:44:49 Type: Unk
Method: P4-ICP2(v2440) 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	-.00477	-.00297	.00025	.00088	-.00127	.00216	-.00084	-.00006
Stddev	.00000	.00019	.00024	.00014	.00000	.00030	.00007	.00000
%RSD	.08353	6.5226	94.026	16.220	.07062	13.689	8.0254	1.8282
#1	-.00477	-.00283	.00008	.00078	-.00127	.00195	-.00079	-.00007
#2	-.00476	-.00311	.00042	.00099	-.00127	.00237	-.00089	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00828	.00041	-.00017	.00036	-.00201	.00007	-.06144
Stddev	.00008	.01092	.00134	.00021	.00011	.01212	.00007	.02144
%RSD	38.122	131.91	330.54	122.18	30.035	603.59	101.74	34.893
#1	-.00028	.00056	.00135	-.00033	.00028	.00656	.00002	-.07660
#2	-.00016	.01600	-.00054	-.00002	.00043	-.01058	.00012	-.04628
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	-.00068	F 361.65	-.00031	.00349	.10086	.00019	.00288
Stddev	.00012	.00046	.90	.00060	.00002	.00415	.00032	.00379
%RSD	9.0206	67.587	.24751	191.81	.55183	4.1192	173.05	131.63
#1	.00122	-.00101	362.28	-.00073	.00351	.09792	.00042	.00556
#2	.00139	-.00036	361.02	.00011	.00348	.10380	-.00004	.00020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	.00313	.00236	.00087	-.03397	-.0015	.00028	F 2.8232
Stddev	.00148	.00046	.00007	.00301	.00664	.0025	.00004	.1803
%RSD	77.097	14.797	2.9588	347.30	19.552	162.2	12.714	6.3876
#1	-.00297	.00346	.00232	.00299	-.03867	.0002	.00025	2.6957
#2	-.00088	.00280	.00241	-.00126	-.02927	-.0033	.00030	2.9507

Sample Name: PB112978TB Acquired: 9/18/2018 16:44:49 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 10.217
Stddev .078
%RSD .76113

#1 10.272
#2 10.163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.1	29787.	3998.5	97.375	2390.6
Stddev	1.7	44.	13.9	1.267	.2
%RSD	.08488	.14730	.34750	1.3011	.00701

#1	2050.9	29756.	3988.7	96.479	2390.7
#2	2053.4	29818.	4008.3	98.270	2390.5

Sample Name: PB112957BL Acquired: 9/18/2018 16:48:59 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB112957BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	.00062	-.00121	-.00193	-.00341	-.00484	-.00000
Stddev	.00012	.00143	.00011	.00283	.00004	.00265	.00018
%RSD	10.124	230.63	9.3901	146.29	1.3121	54.698	9069.6

#1	-.00107	-.00039	-.00129	-.00394	-.00344	-.00297	-.00013
#2	-.00124	.00164	-.00113	.00007	-.00338	-.00672	.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00005	-.00702	-.00038	.00006	.00075	-.01008
Stddev	.00003	.00001	.01285	.00030	.00011	.00043	.00200
%RSD	97.611	20.157	183.04	79.051	167.23	56.697	19.793

#1	.00005	-.00005	-.01611	-.00059	-.00001	.00106	-.00867
#2	.00001	-.00004	.00207	-.00017	.00014	.00045	-.01149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.05771	.00066	.00028	-.02840	-.00022	-.00017
Stddev	.00004	.00179	.00026	.00038	.00318	.00015	.00007
%RSD	60.841	3.1045	39.405	137.79	11.214	68.698	39.467

#1	-.00004	-.05898	.00084	.00055	-.02615	-.00011	-.00022
#2	-.00010	-.05644	.00047	.00001	-.03065	-.00033	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10262	.00023	-.00005	-.00274	.00020	.00041	.00113
Stddev	.01612	.00032	.00310	.00038	.00270	.00160	.00037
%RSD	15.705	141.01	6784.0	13.786	1368.9	392.33	32.640

#1	.09122	.00000	-.00224	-.00247	-.00171	-.00072	.00139
#2	.11401	.00045	.00215	-.00300	.00211	.00154	.00087

Sample Name: PB112957BL Acquired: 9/18/2018 16:48:59 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB112957BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03992	.0001	.00013	F .40514	F 6.1450
Stddev	.00413	.0013	.00010	.34215	2.3880
%RSD	10.351	1869.	74.254	84.452	38.861

#1	-.03700	-.0009	.00020	.64708	7.8336
#2	-.04284	.0010	.00006	.16320	4.4564

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.0	32173.	4001.9	100.57	2769.7
Stddev	1.9	162.	6.4	2.65	1.5
%RSD	.08620	.50456	.15991	2.6354	.05486

#1	2222.4	32058.	3997.4	98.700	2770.8
#2	2219.7	32288.	4006.5	102.45	2768.6

Sample Name: PB112957BS Acquired: 9/18/2018 16:53:02 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB112957BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77548	1.8787	.90621	1.8758	.74818	1.8764	.20418
Stddev	.00243	.0003	.00257	.0046	.00388	.0106	.00122
%RSD	.31369	.01448	.28310	.24587	.51828	.56363	.59757

#1	.77376	1.8785	.90803	1.8790	.74544	1.8839	.20332
#2	.77720	1.8789	.90440	1.8725	.75093	1.8690	.20505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18142	.18623	1.0608	.39924	.18411	.29948	3.0049
Stddev	.00061	.00069	.0148	.00183	.00013	.00274	.0053
%RSD	.33465	.37084	1.3922	.45923	.06901	.91485	.17819

#1	.18099	.18672	1.0503	.39794	.18402	.29754	3.0087
#2	.18185	.18574	1.0712	.40053	.18420	.30141	3.0011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20294	1.9448	.46465	.06627	2.9698	.29601	.20799
Stddev	.00039	.0019	.00015	.00018	.0215	.00155	.00102
%RSD	.19017	.09496	.03310	.27723	.72535	.52355	.48940

#1	.20267	1.9435	.46454	.06614	2.9546	.29711	.20727
#2	.20321	1.9461	.46476	.06640	2.9850	.29491	.20871

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.259	.40481	.30363	F -.00374	.88227	.62632	.20449
Stddev	.026	.00034	.01284	.00239	.01702	.00087	.00192
%RSD	.25140	.08510	4.2299	63.976	1.9289	.13818	.93929

#1	10.240	.40457	.29454	-.00543	.87024	.62694	.20313
#2	10.277	.40506	.31271	-.00205	.89431	.62571	.20585

Sample Name: PB112957BS Acquired: 9/18/2018 16:53:02 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB112957BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.6985	4.958	.20031	F .55196	F<.00000
Stddev	.0004	.015	.00002	.08688	1.0229
%RSD	.02667	.3020	.01123	15.741	9.1311

#1	1.6982	4.969	.20029	.61339	-11.926
#2	1.6988	4.947	.20032	.49052	-10.480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.1	31807.	3998.7	98.122	2698.7
Stddev	11.6	88.	20.8	.260	19.2
%RSD	.53525	.27544	.52102	.26478	.70970

#1	2157.9	31745.	4013.4	97.939	2685.2
#2	2174.3	31869.	3983.9	98.306	2712.3

Sample Name: CCV05 Acquired: 9/18/2018 16:56:53 Type: Unk
Method: P4-ICP2(v2440) 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	4.9959	4.8950	4.9691	4.9974	4.9579	9.9952	10.233	.25277
Stddev	.0236	.0023	.0050	.0130	.0154	.0199	.074	.00037
%RSD	.47130	.04678	.09953	.25904	.31049	.19906	.72304	.14624
#1	5.0125	4.8966	4.9656	5.0066	4.9688	9.9811	10.285	.25251
#2	4.9792	4.8934	4.9726	4.9882	4.9471	10.009	10.181	.25303
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4855	25.995	1.0542	2.4818	1.2704	4.9523	2.5462	25.816
Stddev	.0016	.090	.0045	.0003	.0050	.0697	.0028	.080
%RSD	.06376	.34518	.42199	.01051	.39688	1.4066	.10821	.31036
#1	2.4866	26.058	1.0510	2.4820	1.2739	4.9030	2.5443	25.872
#2	2.4843	25.931	1.0573	2.4816	1.2668	5.0016	2.5482	25.759
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5103	1.2358	25.520	2.4855	2.5729	26.083	5.0388	5.0635
Stddev	.0003	.0020	.139	.0059	.0447	.101	.0152	.0193
%RSD	.01018	.15934	.54383	.23696	1.7394	.38672	.30120	.38069
#1	2.5105	1.2372	25.618	2.4897	2.5413	26.154	5.0496	5.0771
#2	2.5101	1.2344	25.422	2.4813	2.6045	26.012	5.0281	5.0498
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8544	5.0103	4.9668	5.1432	4.8556	5.079	5.1736	F 1.5703
Stddev	.0046	.0251	.0044	.0225	.0610	.000	.0393	.3940
%RSD	.09582	.50068	.08797	.43735	1.2569	.0047	.75893	25.094
#1	4.8511	5.0281	4.9637	5.1591	4.8988	5.079	5.2013	1.8489
#2	4.8577	4.9926	4.9699	5.1273	4.8125	5.079	5.1458	1.2917

Sample Name: CCV05 Acquired: 9/18/2018 16:56:53 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.4331
Stddev .4127
%RSD 5.5516

#1 7.1414
#2 7.7249

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.7	30859.	3967.5	98.054	2478.8
Stddev	13.6	3.	30.3	1.377	8.5
%RSD	.62874	.00823	.76306	1.4040	.34364

#1	2146.1	30857.	3946.1	99.027	2472.8
#2	2165.3	30861.	3988.9	97.080	2484.8

Sample Name: CCB05 Acquired: 9/18/2018 17:00:36 Type: Unk
Method: P4-ICP2(v2440) 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	-.00003	-.00030	-.00020	-.00238	-.00349	-.00636	.00020
Stddev	.00259	.00169	.00040	.00027	.00221	.00056	.00034
%RSD	8281.8	565.89	200.72	11.156	63.362	8.8290	172.43

#1	-.00186	.00090	-.00048	-.00219	-.00193	-.00597	.00043
#2	.00180	-.00149	.00008	-.00257	-.00505	-.00676	-.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00007	-.01298	-.00002	-.00022	.00079	-.01015
Stddev	.00002	.00007	.00109	.00047	.00011	.00016	.01249
%RSD	783.62	99.120	8.3618	2193.8	48.506	19.792	123.14

#1	.00002	-.00012	-.01375	-.00036	-.00030	.00090	-.00131
#2	-.00001	-.00002	-.01221	.00031	-.00015	.00068	-.01898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.08093	.00075	.00008	-.06447	-.00015	-.00008
Stddev	.00004	.00048	.00029	.00022	.00901	.00020	.00011
%RSD	93.883	.58962	38.702	258.62	13.970	132.36	147.53

#1	-.00001	-.08127	.00096	-.00007	-.07084	-.00030	.00000
#2	-.00006	-.08059	.00055	.00024	-.05810	-.00001	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09962	.00019	.00154	-.00485	.00198	.00029	.00239
Stddev	.03113	.00006	.00720	.00010	.00058	.00077	.00055
%RSD	31.253	33.114	468.13	2.0357	29.258	266.80	22.848

#1	.07760	.00024	.00663	-.00492	.00157	-.00026	.00200
#2	.12163	.00015	-.00355	-.00478	.00239	.00084	.00277

Sample Name: CCB05 Acquired: 9/18/2018 17:00:36 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03849	-.0009	.00014	F .17863	F 1.7160
Stddev	.00026	.0011	.00002	.37919	2.1403
%RSD	.67885	120.8	13.246	212.28	124.73

#1	-.03831	-.0017	.00012	-.08950	3.2294
#2	-.03868	-.0001	.00015	.44676	.20253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.6	32042.	3991.8	100.36	2770.9
Stddev	16.8	153.	35.7	.40	19.0
%RSD	.75685	.47703	.89528	.40352	.68669

#1	2209.7	31934.	3966.5	100.08	2757.5
#2	2233.5	32150.	4017.1	100.65	2784.4

Sample Name: PB112844BS Acquired: 9/18/2018 17:08:42 Type: Unk
Method: P4-ICP2(v2440) 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	.78118	1.9692	.93992	1.9604	.74693	1.7917	.19708
Stddev	.00377	.0164	.00787	.0096	.00373	.0197	.00149
%RSD	.48202	.83164	.83744	.48812	.49885	1.0965	.75487

#1	.77851	1.9576	.93435	1.9537	.74429	1.8056	.19814
#2	.78384	1.9808	.94548	1.9672	.74956	1.7778	.19603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18793	.19388	1.0246	.41931	.18561	.29932	2.9610
Stddev	.00089	.00086	.0202	.00264	.00126	.00198	.0044
%RSD	.47469	.44187	1.9715	.63036	.67638	.66186	.15009

#1	.18730	.19327	1.0103	.41744	.18472	.29792	2.9579
#2	.18856	.19448	1.0389	.42118	.18649	.30072	2.9642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20219	1.9420	.48804	.06667	2.8746	.28454	.20663
Stddev	.00076	.0613	.00365	.00035	.0014	.00093	.00495
%RSD	.37476	3.1577	.74702	.52130	.04731	.32804	2.3945

#1	.20166	1.8986	.48546	.06692	2.8736	.28520	.20313
#2	.20273	1.9854	.49062	.06643	2.8755	.28388	.21012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9520	.39313	.28476	F .00039	.91678	.65508	.19932
Stddev	.0510	.00220	.00260	.00076	.01055	.00425	.00183
%RSD	.51196	.55884	.91331	192.95	1.1511	.64930	.91594

#1	9.9881	.39158	.28292	-.00014	.90932	.65207	.20061
#2	9.9160	.39468	.28660	.00093	.92424	.65809	.19803

Sample Name: PB112844BS Acquired: 9/18/2018 17:08:42 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.6001	F 5.248	.19175	F .47004	F<.00000
Stddev	.0088	.046	.00089	.01255	2.2209
%RSD	.54681	.8825	.46376	2.6699	28.021

#1	1.6062	5.215	.19238	.46117	-9.4964
#2	1.5939	5.281	.19112	.47892	-6.3555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.3	32044.	3963.4	101.05	2737.7
Stddev	15.3	110.	11.8	1.18	15.7
%RSD	.67945	.34189	.29803	1.1674	.57489

#1	2242.5	31967.	3971.7	101.88	2726.6
#2	2264.1	32121.	3955.0	100.21	2748.9

Sample Name: PB112917BL Acquired: 9/18/2018 17:12:34 Type: Unk
Method: P4-ICP2(v2440) 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	.00161	-.00012	-.00009	-.00316	-.00269	-.01647	.00104
Stddev	.00160	.00066	.00020	.00004	.00237	.01168	.00001
%RSD	99.312	548.39	206.22	1.2383	88.115	70.947	.86536

#1	.00274	.00035	.00004	-.00314	-.00101	-.02473	.00105
#2	.00048	-.00059	-.00023	-.00319	-.00436	-.00821	.00104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00000	-.00339	-.00009	-.00037	.00078	-.00668
Stddev	.00002	.00008	.00314	.00038	.00010	.00037	.00232
%RSD	41.347	1674.8	92.780	404.87	27.338	47.502	34.723

#1	.00007	.00005	-.00117	.00018	-.00030	.00052	-.00504
#2	.00004	-.00006	-.00561	-.00036	-.00044	.00104	-.00832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.09769	.00109	.00021	-.06695	.00011	-.00025
Stddev	.00001	.04195	.00030	.00055	.00256	.00027	.00006
%RSD	12.817	42.938	27.242	265.22	3.8173	254.04	23.374

#1	-.00010	-.06803	.00088	.00060	-.06515	.00030	-.00021
#2	-.00012	-.12735	.00130	-.00018	-.06876	-.00008	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07864	.00004	-.00725	-.00315	-.00192	.00033	.00327
Stddev	.00015	.00012	.00249	.00328	.00247	.00023	.00088
%RSD	.19051	291.96	34.286	104.06	128.48	69.778	26.926

#1	.07853	.00012	-.00549	-.00546	-.00018	.00050	.00265
#2	.07874	-.00004	-.00901	-.00083	-.00367	.00017	.00389

Sample Name: PB112917BL Acquired: 9/18/2018 17:12:34 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03840	.0005	.00015	F<.00000	F 3.4361
Stddev	.00748	.0020	.00003	.45367	1.6132
%RSD	19.488	377.5	22.783	484.99	46.948

#1	-.04369	.0019	.00018	.22725	4.5768
#2	-.03311	-.0009	.00013	-.41433	2.2954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.2	32296.	4003.0	100.55	2792.6
Stddev	6.0	158.	32.0	.84	7.1
%RSD	.26578	.48871	.80020	.83266	.25554

#1	2250.0	32184.	4025.6	101.15	2787.6
#2	2258.5	32407.	3980.3	99.962	2797.6

Sample Name: PB112917BS Acquired: 9/18/2018 17:16:38 Type: Unk
Method: P4-ICP2(v2440) 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	.78415	1.9940	.94925	1.9828	.75563	1.8320	.20235
Stddev	.00310	.0036	.00250	.0008	.00258	.0141	.00133
%RSD	.39526	.18241	.26329	.03907	.34084	.77257	.65737

#1	.78196	1.9914	.95102	1.9822	.75745	1.8220	.20141
#2	.78635	1.9966	.94748	1.9833	.75380	1.8420	.20330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19336	.19585	1.0603	.42877	.18760	.30373	3.1172
Stddev	.00036	.00024	.0119	.00022	.00054	.00049	.0510
%RSD	.18805	.12448	1.1242	.05103	.28618	.16150	1.6373

#1	.19362	.19568	1.0519	.42892	.18798	.30408	3.1533
#2	.19310	.19602	1.0687	.42861	.18722	.30338	3.0812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20732	1.9731	.49351	.06872	2.9493	.29154	.20956
Stddev	.00035	.0453	.00004	.00020	.0215	.00148	.00234
%RSD	.17123	2.2975	.00774	.29234	.72858	.50847	1.1170

#1	.20707	1.9411	.49348	.06857	2.9341	.29049	.21121
#2	.20757	2.0052	.49354	.06886	2.9645	.29259	.20790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.227	.39813	.30984	F -.00613	.94098	.66088	.20625
Stddev	.064	.00022	.01239	.00297	.00487	.00052	.00255
%RSD	.62979	.05441	3.9989	48.461	.51717	.07855	1.2375

#1	10.181	.39829	.30108	-.00403	.93754	.66051	.20444
#2	10.273	.39798	.31860	-.00822	.94442	.66125	.20805

Sample Name: PB112917BS Acquired: 9/18/2018 17:16:38 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.6408	F 5.311	.19635	F .36670	F<.00000
Stddev	.0128	.011	.00007	.14093	.67579
%RSD	.77832	.2149	.03611	38.433	9.6739

#1	1.6318	5.319	.19630	.26704	-7.4635
#2	1.6499	5.303	.19640	.46635	-6.5078

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.3	32011.	3973.9	99.956	2728.1
Stddev	1.0	57.	16.8	1.208	3.4
%RSD	.04531	.17739	.42195	1.2090	.12551

#1	2241.5	31970.	3985.8	99.102	2725.7
#2	2243.0	32051.	3962.0	100.81	2730.6

Sample Name: PB112958BL Acquired: 9/18/2018 17:20:29 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.00038	-.00033	.00114	-.00392	-.00786	.00072
Stddev	.00139	.00004	.00019	.00011	.00099	.00257	.00047
%RSD	125.83	11.095	57.060	9.7583	25.285	32.773	64.500

#1	-.00012	.00041	-.00020	.00106	-.00322	-.00968	.00039
#2	-.00208	.00035	-.00047	.00122	-.00462	-.00604	.00105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00024	-.01030	-.00006	-.00020	.00077	-.00785
Stddev	.00008	.00006	.01268	.00034	.00000	.00004	.01378
%RSD	136.12	25.515	123.07	543.42	.43472	4.6951	175.54

#1	.00000	-.00019	-.00134	-.00030	-.00020	.00079	.00189
#2	.00011	-.00028	-.01927	.00018	-.00020	.00074	-.01760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.02865	.00106	.00042	-.06726	.00004	-.00024
Stddev	.00003	.03349	.00006	.00039	.00386	.00000	.00004
%RSD	21.289	116.87	5.5660	92.777	5.7317	2.9624	15.504

#1	-.00014	-.00497	.00110	.00014	-.06998	.00004	-.00022
#2	-.00011	-.05233	.00102	.00069	-.06453	.00004	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10694	.00023	-.00012	-.00363	-.00052	-.00051	.00312
Stddev	.00107	.00018	.00168	.00282	.00149	.00021	.00135
%RSD	1.0028	77.812	1434.2	77.514	283.92	41.046	43.222

#1	.10618	.00036	.00107	-.00562	-.00158	-.00036	.00407
#2	.10770	.00010	-.00130	-.00164	.00053	-.00066	.00216

Sample Name: PB112958BL Acquired: 9/18/2018 17:20:29 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03167	-.0024	.00004	F<.00000	F 4.8965
Stddev	.01088	.0019	.00007	.72353	.8785
%RSD	34.370	78.98	174.34	3096.4	17.941

#1	-.03936	-.0038	-.00001	-.53498	5.5177
#2	-.02397	-.0011	.00009	.48825	4.2753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.5	32276.	3983.8	100.86	2797.5
Stddev	1.2	3.	31.9	.49	7.4
%RSD	.05468	.00910	.80003	.48704	.26345

#1	2250.6	32274.	4006.3	101.21	2792.3
#2	2252.3	32278.	3961.2	100.51	2802.7

Sample Name: PB112958BS Acquired: 9/18/2018 17:24:34 Type: Unk
Method: P4-ICP2(v2440) 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	.77369	1.9223	.92538	1.9026	.74442	1.8298	.20105
Stddev	.00224	.0030	.00386	.0195	.00084	.0125	.00121
%RSD	.28891	.15694	.41696	1.0242	.11310	.68477	.60324

#1	.77527	1.9201	.92811	1.9164	.74502	1.8210	.20019
#2	.77211	1.9244	.92265	1.8888	.74383	1.8387	.20191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18483	.19031	1.0837	.41216	.18553	.29876	2.9821
Stddev	.00024	.00028	.0029	.00043	.00123	.00097	.0065
%RSD	.12941	.14636	.27029	.10431	.66252	.32508	.21717

#1	.18500	.19051	1.0858	.41185	.18640	.29944	2.9867
#2	.18466	.19012	1.0817	.41246	.18466	.29807	2.9775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20315	1.9144	.47733	.06678	2.9293	.29401	.20890
Stddev	.00010	.0530	.00176	.00018	.0218	.00138	.00176
%RSD	.04742	2.7683	.36803	.27546	.74510	.46769	.84227

#1	.20308	1.8769	.47857	.06691	2.9138	.29304	.21014
#2	.20322	1.9518	.47609	.06665	2.9447	.29498	.20765

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.111	.40148	.29751	F -.00158	.92031	.64205	.20377
Stddev	.049	.00094	.00040	.00010	.00067	.00457	.00200
%RSD	.48383	.23299	.13428	6.4338	.07254	.71122	.98184

#1	10.077	.40214	.29723	-.00150	.91984	.64528	.20518
#2	10.146	.40082	.29780	-.00165	.92078	.63882	.20236

Sample Name: PB112958BS Acquired: 9/18/2018 17:24:34 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.6451	F 5.114	.19580	F<.00000	F<.00000
Stddev	.0041	.004	.00098	.12109	.65482
%RSD	.25133	.0795	.49828	285.90	9.1378

#1	1.6422	5.117	.19511	.04327	-6.7030
#2	1.6481	5.111	.19649	-.12797	-7.6291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.7	32119.	3985.0	100.51	2730.6
Stddev	9.4	86.	11.7	.98	11.3
%RSD	.42247	.26871	.29383	.97850	.41361

#1	2213.1	32058.	3993.3	99.817	2722.6
#2	2226.3	32180.	3976.7	101.21	2738.6

Sample Name: J4913-09 Acquired: 9/18/2018 17:28:26 Type: Unk
 Method: P4-ICP2(v2440) 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	-.00207	-.00082	-.00082	-.00257	.61372	.03375	.00019
Stddev	.00616	.00009	.00056	.00598	.00075	.00360	.00045	.00003
%RSD	267.36	4.5524	68.009	730.97	29.147	.58641	1.3412	17.350

#1	-.00205	-.00214	-.00043	.00341	-.00204	.61626	.03407	.00017
#2	.00666	-.00200	-.00122	-.00505	-.00310	.61117	.03343	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	13.157	.00133	.00173	.00305	2.6334	.28381	2.8209
Stddev	.00017	.019	.00049	.00011	.00016	.0423	.00104	.1036
%RSD	145.22	.14158	36.557	6.6118	5.2019	1.6081	.36653	3.6718

#1	.00000	13.170	.00099	.00181	.00294	2.6035	.28454	2.7476
#2	-.00023	13.144	.00167	.00165	.00316	2.6634	.28307	2.8941

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00021	91.182	.00016	.02710	2.2421	.00013	.05000
Stddev	.00042	.00122	.560	.00002	.00019	.0086	.00050	.00831
%RSD	22.308	569.98	.61382	10.961	.68522	.38359	375.86	16.619

#1	.00160	.00107	91.577	.00015	.02724	2.2361	-.00022	.05588
#2	.00221	-.00065	90.786	.00017	.02697	2.2482	.00049	.04412

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8261	4.8183	-.00241	.00712	-.02505	.0148	.10729	.84495
Stddev	.0148	.0141	.00085	.00013	.00701	.0010	.00019	.45809
%RSD	.15099	.29158	35.191	1.7699	27.994	7.067	.18154	54.215

#1	9.8366	4.8084	-.00301	.00720	-.03001	.0156	.10743	1.1689
#2	9.8157	4.8282	-.00181	.00703	-.02009	.0141	.10715	.52103

Sample Name: J4913-09 Acquired: 9/18/2018 17:28:26 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.9962
Stddev 2.0210
%RSD 28.888

#1 8.4252
#2 5.5671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.6	31339.	4055.4	99.676	2591.4
Stddev	3.7	77.	38.2	.356	7.7
%RSD	.17242	.24519	.94089	.35727	.29631

#1	2165.9	31285.	4028.4	99.424	2586.0
#2	2171.2	31393.	4082.4	99.927	2596.8

Sample Name: J4913-10 Acquired: 9/18/2018 17:32:29 Type: Unk
Method: P4-ICP2(v2440) 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	-.00117	-.00037	.00118	.00385	-.00261	1.8848	.00904	.00011
Stddev	.00259	.00165	.00017	.00008	.00065	.0143	.00036	.00007
%RSD	221.42	450.30	13.969	2.0509	24.991	.75979	3.9576	61.020

#1	.00066	.00080	.00130	.00390	-.00308	1.8949	.00879	.00006
#2	-.00300	-.00153	.00107	.00379	-.00215	1.8747	.00929	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	8.3998	.02257	.00095	.00467	1.6679	.11239	1.1982
Stddev	.00014	.0298	.00000	.00018	.00045	.0320	.00046	.0566
%RSD	881.66	.35516	.01247	18.561	9.5535	1.9165	.40750	4.7228

#1	-.00011	8.3787	.02258	.00082	.00498	1.6453	.11271	1.1582
#2	.00008	8.4209	.02257	.00107	.00435	1.6906	.11207	1.2382

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00968	.00031	68.700	.00365	.06474	1.3983	.00101	.02839
Stddev	.00024	.00008	.053	.00017	.00008	.0521	.00013	.00157
%RSD	2.4436	25.674	.07769	4.5450	.12479	3.7286	12.738	5.5228

#1	.00984	.00037	68.738	.00353	.06480	1.3615	.00110	.02950
#2	.00951	.00025	68.662	.00377	.06469	1.4352	.00092	.02728

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.128	5.6176	-.00437	.05847	.00880	.0391	.07318	.63030
Stddev	.025	.0390	.00078	.00473	.00207	.0026	.00001	.40147
%RSD	.19332	.69444	17.871	8.0931	23.528	6.744	.01352	63.694

#1	13.146	5.5900	-.00492	.06181	.01026	.0409	.07319	.34642
#2	13.110	5.6452	-.00382	.05512	.00733	.0372	.07318	.91418

Sample Name: J4913-10 Acquired: 9/18/2018 17:32:29 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.9016
Stddev 2.3873
%RSD 30.213

#1 6.2135
#2 9.5896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.2	31447.	4032.6	99.340	2634.0
Stddev	5.5	74.	7.7	.345	4.1
%RSD	.25477	.23631	.19075	.34780	.15457

#1	2173.3	31394.	4038.0	99.096	2631.2
#2	2181.1	31499.	4027.1	99.584	2636.9

Sample Name: J4913-11 Acquired: 9/18/2018 17:36:31 Type: Unk
Method: P4-ICP2(v2440) 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	-.00168	-.00265	-.00004	.00076	-.00451	.09458	.09135	.00010
Stddev	.00340	.00181	.00076	.00084	.00131	.00354	.00042	.00001
%RSD	202.85	68.561	2109.4	109.58	29.103	3.7412	.45580	11.482

#1	.00073	-.00136	-.00057	.00135	-.00543	.09709	.09106	.00010
#2	-.00408	-.00393	.00050	.00017	-.00358	.09208	.09165	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	33.549	.00596	.00004	.00227	.04111	.02947	11.981
Stddev	.00001	.058	.00036	.00017	.00009	.00135	.00005	.026
%RSD	3.4415	.17310	6.0707	490.48	4.1678	3.2823	.16011	.21342

#1	-.00022	33.590	.00571	-.00009	.00233	.04206	.02950	11.963
#2	-.00023	33.508	.00622	.00016	.00220	.04015	.02943	11.999

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	.00031	43.288	.00024	.02296	2.5834	.00031	.06510
Stddev	.00028	.00021	.058	.00021	.00038	.0193	.00009	.01228
%RSD	4.5024	68.489	.13370	87.580	1.6357	.74697	29.159	18.857

#1	.00596	.00016	43.247	.00039	.02269	2.5698	.00025	.07378
#2	.00635	.00046	43.329	.00009	.02323	2.5971	.00037	.05642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.874	8.1219	-.00535	.00402	-.02385	.0013	.35735	.97956
Stddev	.017	.0188	.00105	.00063	.00430	.0003	.00051	.03484
%RSD	.10161	.23178	19.587	15.681	18.041	19.47	.14383	3.5572

#1	16.886	8.1352	-.00461	.00357	-.02081	.0012	.35772	1.0042
#2	16.862	8.1086	-.00610	.00446	-.02690	.0015	.35699	.95492

Sample Name: J4913-11 Acquired: 9/18/2018 17:36:31 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.3482
 Stddev 1.2968
 %RSD 24.248

#1 4.4312
 #2 6.2652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.1	31503.	4008.7	99.097	2618.9
Stddev	4.7	37.	9.0	1.745	10.9
%RSD	.21688	.11709	.22328	1.7606	.41457

#1	2151.8	31476.	4002.4	100.33	2611.2
#2	2158.4	31529.	4015.0	97.863	2626.6

Sample Name: J4913-12 Acquired: 9/18/2018 17:40:33 Type: Unk
Method: P4-ICP2(v2440) 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	-.00298	-.00062	-.00066	.00216	-.00507	-.01734	.06295	-.00003
Stddev	.00514	.00107	.00026	.00008	.00197	.00494	.00031	.00003
%RSD	172.41	171.80	38.915	3.6346	38.896	28.482	.49696	96.079

#1	.00065	.00013	-.00048	.00211	-.00646	-.02083	.06273	-.00001
#2	-.00662	-.00138	-.00084	.00222	-.00367	-.01385	.06317	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	27.693	.05243	.00013	.00168	.28743	.01067	5.7019
Stddev	.00020	.103	.00003	.00017	.00064	.00470	.00004	.0545
%RSD	82.579	.37184	.05296	129.86	37.845	1.6337	.34912	.95560

#1	-.00039	27.620	.05241	.00001	.00123	.29075	.01070	5.7404
#2	-.00010	27.766	.05245	.00024	.00213	.28411	.01064	5.6633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03073	.00007	31.541	-.00011	.01753	6.6772	.00158	.12648
Stddev	.00098	.00008	.105	.00016	.00008	.0265	.00001	.00051
%RSD	3.1951	111.83	.33142	148.90	.48353	.39686	.77531	.40462

#1	.03142	.00013	31.615	.00001	.01759	6.6584	.00159	.12612
#2	.03003	.00002	31.467	-.00022	.01747	6.6959	.00157	.12684

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8057	4.0319	-.00222	-.00017	-.05168	.0003	.23218	1.6641
Stddev	.0164	.0012	.00210	.00225	.00081	.0010	.00125	.2640
%RSD	.18570	.02857	94.702	1315.4	1.5651	301.3	.53626	15.867

#1	8.8172	4.0327	-.00370	.00142	-.05111	.0010	.23306	1.4774
#2	8.7941	4.0311	-.00073	-.00176	-.05226	-.0004	.23130	1.8508

Sample Name: J4913-12 Acquired: 9/18/2018 17:40:33 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.5696
Stddev 4.0209
%RSD 61.205

#1 9.4128
#2 3.7264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.1	31449.	4020.6	100.30	2631.5
Stddev	5.4	70.	20.0	.70	9.0
%RSD	.24977	.22303	.49754	.69400	.34356

#1	2150.2	31399.	4006.5	99.807	2625.1
#2	2157.9	31499.	4034.8	100.79	2637.9

Sample Name: CCV06 Acquired: 9/18/2018 17:44:35 Type: Unk
Method: P4-ICP2(v2440) 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	4.9493	4.8466	4.9285	4.9491	4.8861	9.6391	10.010	.25028
Stddev	.0020	.0024	.0053	.0191	.0149	.0462	.029	.00042
%RSD	.03957	.05059	.10831	.38585	.30503	.47963	.29447	.16687
#1	4.9507	4.8483	4.9323	4.9626	4.8966	9.6718	9.9890	.25058
#2	4.9479	4.8448	4.9247	4.9356	4.8755	9.6064	10.031	.24999
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4705	25.796	1.0442	2.4621	1.2522	4.9906	2.5196	25.668
Stddev	.0067	.121	.0001	.0018	.0020	.0441	.0022	.174
%RSD	.27318	.46871	.00555	.07394	.15867	.88430	.08892	.67776
#1	2.4753	25.710	1.0442	2.4634	1.2508	5.0218	2.5212	25.545
#2	2.4658	25.881	1.0441	2.4608	1.2536	4.9594	2.5180	25.791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4903	1.2159	24.940	2.4536	2.6189	25.588	4.9888	4.9810
Stddev	.0036	.0004	.118	.0084	.0005	.134	.0039	.0288
%RSD	.14576	.02967	.47381	.34255	.01833	.52442	.07804	.57762
#1	2.4929	1.2162	24.856	2.4595	2.6186	25.493	4.9915	4.9607
#2	2.4877	1.2157	25.023	2.4476	2.6193	25.683	4.9860	5.0014
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7796	5.0018	4.9271	5.0656	F 4.4569	5.048	5.0601	F 1.3770
Stddev	.0003	.0168	.0243	.0138	.0049	.025	.0192	.4826
%RSD	.00573	.33532	.49365	.27238	.10967	.4880	.37965	35.048
#1	4.7798	4.9900	4.9443	5.0559	4.4603	5.065	5.0465	1.7183
#2	4.7794	5.0137	4.9099	5.0754	4.4534	5.031	5.0737	1.0358

Sample Name: CCV06 Acquired: 9/18/2018 17:44:35 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 8.9865
Stddev 1.1251
%RSD 12.520

#1 8.1909
#2 9.7821

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.9	31422.	4009.0	97.299	2524.1
Stddev	2.0	90.	19.3	.167	8.6
%RSD	.08995	.28520	.48239	.17186	.34086

#1	2195.5	31359.	4022.7	97.181	2518.0
#2	2198.3	31486.	3995.3	97.418	2530.2

Sample Name: CCB06 Acquired: 9/18/2018 17:48:19 Type: Unk
Method: P4-ICP2(v2440) 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	-.00103	.00132	-.00081	-.00109	-.00193	-.01178	.00095
Stddev	.00051	.00164	.00116	.00050	.00061	.00104	.00000
%RSD	49.728	123.97	143.51	45.925	31.821	8.8084	.36108

#1	-.00067	.00248	-.00162	-.00074	-.00236	-.01104	.00095
#2	-.00139	.00016	.00001	-.00145	-.00149	-.01251	.00095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00004	-.00982	-.00006	-.00016	.00129	-.00385
Stddev	.00004	.00007	.00131	.00003	.00012	.00019	.01217
%RSD	62.192	177.02	13.352	48.332	75.003	14.359	315.75

#1	.00004	.00001	-.00889	-.00008	-.00025	.00116	.00475
#2	.00010	-.00009	-.01074	-.00004	-.00008	.00142	-.01246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04308	.00058	.00021	-.07818	.00025	-.00023
Stddev	.00002	.03763	.00026	.00007	.00299	.00005	.00002
%RSD	28.260	87.352	45.018	33.015	3.8306	18.735	6.9457

#1	-.00006	-.06968	.00040	.00026	-.08029	.00022	-.00025
#2	-.00009	-.01647	.00077	.00016	-.07606	.00029	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05167	.00062	.00510	-.00451	.00316	.00023	.00307
Stddev	.00073	.00032	.01488	.00496	.00006	.00048	.00063
%RSD	1.4185	52.719	291.93	110.02	1.9342	208.57	20.481

#1	.05219	.00085	.01562	-.00100	.00311	.00057	.00352
#2	.05115	.00039	-.00543	-.00802	.00320	-.00011	.00263

Sample Name: CCB06 Acquired: 9/18/2018 17:48:19 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.04625	-.0005	.00016	F<.00000	F 1.7640
Stddev	.00077	.0010	.00007	.14614	.7766
%RSD	1.6673	195.8	42.094	51.626	44.021

#1	-.04680	-.0012	.00020	-.17973	2.3132
#2	-.04570	.0002	.00011	-.38640	1.2149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.7	32283.	3977.6	98.391	2800.3
Stddev	11.2	162.	3.8	2.246	10.6
%RSD	.49825	.50139	.09511	2.2829	.37718

#1	2243.8	32168.	3975.0	96.803	2792.9
#2	2259.7	32397.	3980.3	99.980	2807.8

Sample Name: J4913-13 Acquired: 9/18/2018 17:52:23 Type: Unk
Method: P4-ICP2(v2440) 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	-.00120	.00011	.00115	-.00420	.03414	.07981	.00001
Stddev	.00261	.00057	.00004	.00238	.00075	.00489	.00030	.00001
%RSD	172.96	47.216	37.540	206.76	17.742	14.316	.38140	99.389

#1	-.00335	-.00160	.00008	.00283	-.00473	.03760	.08002	.00000
#2	.00034	-.00080	.00014	-.00053	-.00368	.03068	.07959	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	20.393	.03528	.00089	.05388	.04046	.02831	7.4181
Stddev	.00001	.052	.00039	.00009	.00005	.00795	.00010	.0237
%RSD	9.3772	.25678	1.0937	9.6696	.09578	19.653	.34733	.31964

#1	-.00012	20.430	.03555	.00095	.05384	.04608	.02824	7.4014
#2	-.00011	20.356	.03500	.00083	.05391	.03483	.02838	7.4349

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	-.00005	57.436	-.00006	.02418	4.5419	.00034	.06347
Stddev	.00017	.00024	.197	.00006	.00008	.0130	.00001	.00289
%RSD	6.0476	515.53	.34363	105.52	.32623	.28534	3.8398	4.5504

#1	.00268	-.00022	57.576	-.00010	.02423	4.5327	.00035	.06143
#2	.00292	.00012	57.297	-.00001	.02412	4.5511	.00033	.06551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4782	6.9141	-.00100	.00275	-.03557	.0001	.21053	1.4890
Stddev	.0306	.0297	.00031	.00002	.00463	.0004	.00244	.1714
%RSD	.40931	.43003	30.830	.57520	13.030	460.2	1.1598	11.508

#1	7.4565	6.9351	-.00078	.00276	-.03229	-.0002	.21226	1.6102
#2	7.4998	6.8931	-.00122	.00273	-.03884	.0004	.20880	1.3678

Sample Name: J4913-13 Acquired: 9/18/2018 17:52:23 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6195
 Stddev .4079
 %RSD 6.1619

#1 6.3311
 #2 6.9079

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.1	31224.	3986.4	99.383	2626.8
Stddev	12.9	89.	18.2	.442	15.3
%RSD	.59509	.28426	.45732	.44426	.58073

#1	2159.9	31161.	3973.5	99.071	2616.0
#2	2178.2	31287.	3999.3	99.695	2637.6

Sample Name: J4913-14 Acquired: 9/18/2018 17:56:24 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00133	-.00168	-.00075	-.00195	-.01155	.00085	-.00016
Stddev	.00391	.00041	.00089	.00063	.00261	.00149	.00022	.00010
%RSD	140.20	31.062	53.204	84.242	133.56	12.932	25.878	63.984

#1	-.00002	-.00104	-.00231	-.00030	-.00380	-.01261	.00070	-.00009
#2	-.00555	-.00162	-.00105	-.00119	-.00011	-.01050	.00101	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.05944	.00152	-.00042	.00109	-.00165	.00060	-.08350
Stddev	.00008	.01219	.00014	.00001	.00031	.00840	.00005	.05593
%RSD	78.126	20.505	9.0338	2.6103	28.089	508.89	8.9469	66.979

#1	-.00005	.06806	.00162	-.00042	.00131	-.00759	.00056	-.12305
#2	-.00017	.05082	.00142	-.00041	.00088	.00429	.00063	-.04395

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	-.00006	.24756	.00005	.03000	.12458	.00021	.00166
Stddev	.00002	.00023	.00086	.00032	.00047	.02623	.00031	.00360
%RSD	.78405	421.97	.34713	710.67	1.5679	21.056	146.31	216.48

#1	.00236	-.00022	.24817	-.00018	.02967	.10604	-.00001	.00421
#2	.00233	.00011	.24695	.00027	.03034	.14313	.00043	-.00088

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02031	.01209	-.00115	.00208	-.04343	-.0010	.00033	<.00000
Stddev	.00398	.00581	.00093	.00255	.01202	.0003	.00006	.02391
%RSD	19.614	48.052	80.975	122.76	27.680	29.94	19.581	2.9064

#1	.02312	.00798	-.00049	.00027	-.05193	-.0012	.00028	-.83940
#2	.01749	.01620	-.00182	.00389	-.03493	-.0008	.00037	-.80559

Sample Name: J4913-14 Acquired: 9/18/2018 17:56:24 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4055
 Stddev .1334
 %RSD 5.5465

#1 2.3112
 #2 2.4999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.8	32593.	4019.2	99.588	2807.8
Stddev	12.3	44.	47.7	1.740	7.0
%RSD	.55074	.13528	1.1875	1.7477	.24979

#1	2223.1	32562.	4053.0	100.82	2802.9
#2	2240.5	32624.	3985.5	98.357	2812.8

Sample Name: J4913-15 Acquired: 9/18/2018 18:00:28 Type: Unk
Method: P4-ICP2(v2440) 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	.00031	-.00057	.00006	.00094	-.00255	.08220	.03098	-.00005
Stddev	.00031	.00197	.00008	.00409	.00130	.00324	.00046	.00010
%RSD	100.87	348.41	139.25	433.72	51.200	3.9462	1.4782	185.49

#1	.00009	.00083	.00011	.00383	-.00162	.08450	.03131	-.00013
#2	.00053	-.00196	.00000	-.00195	-.00347	.07991	.03066	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	12.087	.00124	.00030	.00370	.13044	.00396	3.7212
Stddev	.00007	.025	.00022	.00013	.00053	.00967	.00003	.0380
%RSD	43.306	.20548	17.729	43.404	14.259	7.4145	.71064	1.0213

#1	-.00021	12.105	.00139	.00039	.00332	.12360	.00398	3.6943
#2	-.00011	12.069	.00108	.00021	.00407	.13728	.00394	3.7481

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	.00009	35.726	.00001	.03295	1.8531	.00005	.04769
Stddev	.00080	.00020	.034	.00012	.00020	.0161	.00034	.00464
%RSD	42.954	217.27	.09401	1322.6	.60306	.87002	661.26	9.7384

#1	.00242	-.00005	35.750	-.00008	.03310	1.8645	-.00019	.04441
#2	.00129	.00024	35.702	.00010	.03281	1.8417	.00029	.05097

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9382	6.3162	-.00015	.00592	-.03728	.0023	.06147	.36767
Stddev	.0049	.0408	.00084	.00168	.01300	.0026	.00023	.01321
%RSD	.25230	.64578	578.96	28.368	34.867	114.1	.36644	3.5941

#1	1.9348	6.3451	-.00074	.00474	-.02809	.0004	.06163	.35832
#2	1.9417	6.2874	.00045	.00711	-.04648	.0042	.06131	.37701

Sample Name: J4913-15 Acquired: 9/18/2018 18:00:28 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.0030
 Stddev 1.5560
 %RSD 22.219

#1 5.9027
 #2 8.1032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.7	31645.	3999.6	98.387	2685.7
Stddev	.5	8.	10.3	1.109	2.6
%RSD	.02058	.02527	.25828	1.1277	.09498

#1	2197.0	31640.	3992.3	97.603	2683.9
#2	2196.4	31651.	4006.9	99.172	2687.5

Sample Name: J4913-16 Acquired: 9/18/2018 18:04:30 Type: Unk
Method: P4-ICP2(v2440) 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	-.00227	-.00249	.00078	-.00023	-.00323	.12583	.16407	-.00003
Stddev	.00274	.00301	.00043	.00347	.00145	.01234	.00162	.00001
%RSD	120.80	120.68	54.251	1482.1	44.963	9.8044	.98532	15.844

#1	-.00421	-.00037	.00048	-.00269	-.00425	.13455	.16521	-.00003
#2	-.00033	-.00462	.00109	.00222	-.00220	.11710	.16292	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	40.820	.01026	.00070	.02148	.19124	.00924	10.424
Stddev	.00006	.115	.00040	.00023	.00003	.01457	.00003	.043
%RSD	22.851	.28261	3.9383	32.224	.13134	7.6170	.33327	.41020

#1	-.00030	40.902	.01055	.00054	.02146	.20154	.00922	10.454
#2	-.00022	40.739	.00998	.00086	.02150	.18094	.00926	10.394

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00736	.00032	52.396	.00067	.04186	8.9823	.00062	.09510
Stddev	.00042	.00025	.315	.00022	.00061	.0206	.00000	.01368
%RSD	5.6931	79.469	.60176	32.969	1.4614	.22978	.16359	14.380

#1	.00706	.00049	52.618	.00052	.04229	8.9969	.00062	.08543
#2	.00765	.00014	52.173	.00083	.04142	8.9677	.00062	.10478

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5745	7.8471	-.00291	.01334	.42405	.0033	1.1790	1.5692
Stddev	.0335	.0356	.00016	.00129	.00818	.0005	.0053	.3735
%RSD	.39074	.45322	5.3377	9.6525	1.9285	15.58	.44945	23.805

#1	8.5982	7.8723	-.00280	.01243	.41827	.0037	1.1828	1.8333
#2	8.5508	7.8220	-.00303	.01426	.42983	.0029	1.1753	1.3050

Sample Name: J4913-16 Acquired: 9/18/2018 18:04:30 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.6487
 Stddev 1.9370
 %RSD 22.396

#1 7.2790
 #2 10.018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.2	31112.	3947.7	96.736	2600.2
Stddev	10.3	46.	27.6	1.303	10.5
%RSD	.47993	.14923	.69907	1.3468	.40383

#1	2148.8	31080.	3928.2	95.815	2592.7
#2	2163.5	31145.	3967.2	97.657	2607.6

Sample Name: J4913-17 Acquired: 9/18/2018 18:08:32 Type: Unk
Method: P4-ICP2(v2440) 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	-.00070	-.00061	-.00017	.00022	-.00293	.25564	.02069	-.00003
Stddev	.00382	.00017	.00080	.00082	.00054	.00140	.00041	.00008
%RSD	549.83	27.164	466.27	376.04	18.298	.54607	1.9885	296.17

#1	-.00340	-.00073	.00039	-.00036	-.00331	.25465	.02040	-.00008
#2	.00201	-.00049	-.00074	.00079	-.00255	.25662	.02098	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	5.1888	.00779	-.00022	.03681	.21060	.00698	1.5981
Stddev	.00007	.0069	.00068	.00028	.00032	.00597	.00011	.0039
%RSD	49.847	.13350	8.7611	131.95	.86199	2.8336	1.5837	.24080

#1	-.00009	5.1937	.00731	-.00001	.03704	.20638	.00706	1.6009
#2	-.00019	5.1839	.00827	-.00042	.03659	.21482	.00691	1.5954

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00548	.00017	14.723	.00066	.02751	1.6446	.00030	.04919
Stddev	.00012	.00024	.037	.00036	.00087	.0484	.00030	.00124
%RSD	2.2216	137.02	.24968	54.656	3.1447	2.9450	102.30	2.5293

#1	.00539	.00001	14.697	.00041	.02690	1.6103	.00008	.05007
#2	.00556	.00034	14.749	.00092	.02812	1.6788	.00051	.04831

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8192	6.0835	-.00110	.01241	-.03481	.0056	.04467	.08589
Stddev	.0296	.0536	.00126	.00053	.02404	.0005	.00039	.46805
%RSD	.77481	.88117	114.87	4.2874	69.047	9.381	.88077	544.97

#1	3.8401	6.0456	-.00199	.01278	-.01781	.0060	.04495	-.24507
#2	3.7983	6.1214	-.00021	.01203	-.05181	.0052	.04439	.41684

Sample Name: J4913-17 Acquired: 9/18/2018 18:08:32 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5405
Stddev .2058
%RSD 4.5327

#1 4.3950
#2 4.6860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.0	32098.	4018.3	100.59	2764.4
Stddev	3.1	88.	31.6	2.51	11.1
%RSD	.14108	.27382	.78608	2.4997	.40102

#1	2213.8	32036.	4040.6	102.36	2756.6
#2	2218.2	32160.	3995.9	98.808	2772.2

Sample Name: J4913-18 Acquired: 9/18/2018 18:12:35 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00191	-.00047	.00092	-.00423	.06637	.03926	-.00012
Stddev	.00175	.00144	.00091	.00090	.00042	.00424	.00081	.00006
%RSD	184.11	75.642	195.36	97.747	10.010	6.3819	2.0577	54.526

#1	.00219	-.00089	-.00111	.00029	-.00453	.06337	.03983	-.00016
#2	-.00029	-.00293	.00018	.00156	-.00393	.06936	.03869	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	10.418	.15265	.00117	.02756	1.0454	.02331	3.1316
Stddev	.00010	.005	.00048	.00006	.00053	.0067	.00002	.0411
%RSD	42.288	.04971	.31766	4.8580	1.9217	.64115	.08665	1.3128

#1	-.00017	10.415	.15230	.00113	.02719	1.0407	.02333	3.1607
#2	-.00031	10.422	.15299	.00121	.02793	1.0502	.02330	3.1025

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07577	.00010	12.847	.00131	.02953	.95940	.00391	.01915
Stddev	.00032	.00049	.063	.00094	.00014	.01604	.00024	.00477
%RSD	.42382	498.00	.49067	71.627	.48801	1.6717	6.0152	24.895

#1	.07600	.00045	12.892	.00065	.02963	.97074	.00375	.01578
#2	.07555	-.00025	12.802	.00198	.02943	.94806	.00408	.02252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7550	3.8856	.00012	.01249	-.05061	.0042	.10217	<.00000
Stddev	.0071	.0136	.00046	.00014	.00806	.0010	.00007	.27980
%RSD	.25819	.35112	396.03	1.1356	15.922	23.26	.06569	46.612

#1	2.7600	3.8760	-.00021	.01259	-.04491	.0048	.10222	-.40243
#2	2.7500	3.8953	.00044	.01239	-.05631	.0035	.10213	-.79813

Sample Name: J4913-18 Acquired: 9/18/2018 18:12:35 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1775
 Stddev .0339
 %RSD .65561

#1 5.1535
 #2 5.2015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.9	32181.	4039.8	101.24	2751.2
Stddev	14.3	230.	28.3	.57	11.2
%RSD	.64947	.71598	.70141	.56711	.40760

#1	2196.8	32018.	4019.8	100.83	2743.2
#2	2217.0	32344.	4059.8	101.64	2759.1

Sample Name: J4913-19 Acquired: 9/18/2018 18:16:39 Type: Unk
Method: P4-ICP2(v2440) 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	-.00000	-.00098	.00142	.00271	-.00475	.14260	.18121	-.00007
Stddev	.00105	.00312	.00039	.00042	.00277	.00258	.00137	.00001
%RSD	27816.	317.52	27.524	15.457	58.372	1.8096	.75742	7.7073
#1	-.00075	.00122	.00170	.00300	-.00279	.14442	.18219	-.00007
#2	.00074	-.00319	.00114	.00241	-.00671	.14077	.18024	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00692	76.907	.32588	.00299	.01143	2.4873	.05288	12.683
Stddev	.00007	.301	.00006	.00002	.00002	.0041	.00004	.034
%RSD	.97082	.39194	.01775	.58807	.20950	.16340	.07707	.26469
#1	.00696	77.121	.32592	.00300	.01145	2.4844	.05291	12.707
#2	.00687	76.694	.32584	.00297	.01141	2.4902	.05285	12.659
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15693	-.00015	299.17	.00341	.02511	8.0038	.01067	.04679
Stddev	.00089	.00031	3.92	.00048	.00010	.0160	.00027	.00575
%RSD	.56677	208.26	1.3103	14.048	.39653	.20002	2.5547	12.284
#1	.15631	-.00037	301.94	.00375	.02518	7.9925	.01048	.05085
#2	.15756	.00007	296.40	.00307	.02504	8.0151	.01086	.04273
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.384	3.0862	-.00199	.00806	-.01751	.0104	.66307	3.3761
Stddev	.037	.0140	.00001	.00177	.01050	.0012	.00241	.0163
%RSD	.35192	.45230	.34074	22.003	59.982	11.80	.36394	.48130
#1	10.409	3.0961	-.00200	.00680	-.02493	.0113	.66478	3.3646
#2	10.358	3.0763	-.00199	.00931	-.01008	.0095	.66136	3.3876

Sample Name: J4913-19 Acquired: 9/18/2018 18:16:39 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.107
 Stddev 2.301
 %RSD 17.559

#1 14.735
 #2 11.480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.3	29856.	3978.1	99.981	2391.4
Stddev	4.6	86.	13.9	.512	5.2
%RSD	.21900	.28665	.35021	.51180	.21598

#1	2080.1	29796.	3968.3	99.620	2387.7
#2	2086.6	29917.	3988.0	100.34	2395.0

Sample Name: J4913-20 Acquired: 9/18/2018 18:20:47 Type: Unk
Method: P4-ICP2(v2440) 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	.00366	-.00139	.00240	.00103	-.00260	4.7798	.14891	.00079
Stddev	.00312	.00066	.00051	.00207	.00057	.0033	.00016	.00001
%RSD	85.307	47.290	21.177	200.88	21.830	.06901	.10732	.87203

#1	.00586	-.00186	.00204	.00249	-.00219	4.7822	.14902	.00079
#2	.00145	-.00093	.00276	-.00043	-.00300	4.7775	.14879	.00080

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	20.733	.00686	.00335	.00590	2.6497	.25724	5.4030
Stddev	.00003	.155	.00011	.00026	.00043	.0376	.00140	.0687
%RSD	12.765	.74588	1.6283	7.7078	7.2144	1.4192	.54600	1.2708

#1	.00025	20.624	.00694	.00353	.00620	2.6231	.25824	5.3545
#2	.00021	20.843	.00678	.00317	.00560	2.6763	.25625	5.4516

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01193	.00004	113.98	.00460	.08975	2.5687	.00066	.03029
Stddev	.00032	.00000	.57	.00006	.00167	.0142	.00003	.00567
%RSD	2.6519	1.1309	.49823	1.3082	1.8657	.55242	3.7884	18.712

#1	.01171	.00004	113.58	.00465	.08857	2.5586	.00068	.03429
#2	.01216	.00004	114.38	.00456	.09094	2.5787	.00064	.02628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7077	6.2231	-.00178	.07140	-.01039	.1107	.15513	.22946
Stddev	.0302	.0754	.00013	.00148	.00818	.0033	.00056	.70654
%RSD	.39203	1.2110	7.1262	2.0769	78.777	2.946	.36308	307.91

#1	7.6864	6.1698	-.00187	.07035	-.00460	.1130	.15473	-.27014
#2	7.7291	6.2764	-.00169	.07245	-.01618	.1084	.15552	.72906

Sample Name: J4913-20 Acquired: 9/18/2018 18:20:47 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.8747
Stddev .6595
%RSD 8.3745

#1 7.4083
#2 8.3410

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.3	31698.	4098.7	98.251	2539.2
Stddev	3.1	3.	34.2	2.030	.5
%RSD	.14215	.00920	.83373	2.0664	.02096

#1	2199.1	31700.	4122.8	99.687	2538.8
#2	2203.6	31696.	4074.5	96.816	2539.6

Sample Name: J4772-01 Acquired: 9/18/2018 18:24:48 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05438	-.04948	.11460	-.00686	-.00273	101.71	.44173
Stddev	.00003	.00296	.00105	.00286	.00144	.37	.00127
%RSD	.04740	5.9805	.91893	41.667	52.799	.36492	.28790

#1	.05436	-.05158	.11535	-.00888	-.00375	101.98	.44083
#2	.05440	-.04739	.11386	-.00484	-.00171	101.45	.44263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00703	.00062	55.279	.12629	.16670	.16062	363.46
Stddev	.00009	.00019	.164	.00065	.00161	.00097	4.14
%RSD	1.2212	30.735	.29660	.51160	.96794	.60140	1.1386

#1	.00709	.00076	55.163	.12674	.16555	.16130	360.54
#2	.00697	.00049	55.394	.12583	.16784	.15993	366.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5752	37.537	.19989	.00265	4.5907	.33826	.64934
Stddev	.0004	.040	.00011	.00057	.0006	.00043	.00801
%RSD	.01125	.10628	.05387	21.477	.01337	.12854	1.2340

#1	3.5755	37.509	.19996	.00224	4.5911	.33857	.64368
#2	3.5749	37.565	.19981	.00305	4.5902	.33796	.65501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.198	.00336	.56577	4.7645	1.4739	.01969	4.2719
Stddev	.064	.00030	.00948	.0002	.0014	.00227	.0115
%RSD	.57329	8.9303	1.6757	.00345	.09777	11.505	.26925

#1	11.152	.00357	.55906	4.7644	1.4749	.02129	4.2638
#2	11.243	.00315	.57247	4.7646	1.4729	.01809	4.2801

Sample Name: J4772-01 Acquired: 9/18/2018 18:24:48 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.86399	13.76	.11256	F<.00000	F<.00000
Stddev	.00030	.02	.00027	.72993	12.083
%RSD	.03501	.1258	.23823	1.3252	1.4158

#1	.86377	13.75	.11237	-54.566	-844.84
#2	.86420	13.77	.11275	-55.598	-861.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.6	48902.	6641.1	98.945	2358.4
Stddev	3.5	191.	19.1	.952	4.3
%RSD	.10367	.39110	.28694	.96241	.18170

#1	3409.1	48767.	6654.6	99.618	2355.3
#2	3404.1	49038.	6627.7	98.271	2361.4

Sample Name: J4772-01DUP Acquired: 9/18/2018 18:28:45 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05511	-.04913	.11237	-.00411	-.00048	102.36	.45039
Stddev	.00114	.00049	.00186	.00449	.00140	.02	.00288
%RSD	2.0672	1.0005	1.6543	109.27	292.13	.01533	.63898

#1	.05431	-.04948	.11105	-.00093	-.00147	102.37	.45242
#2	.05592	-.04878	.11368	-.00728	.00051	102.35	.44835

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00702	.00007	55.891	.12472	.16784	.15664	368.10
Stddev	.00012	.00014	.363	.00009	.00022	.00243	2.09
%RSD	1.7059	193.31	.64906	.07385	.12960	1.5486	.56651

#1	.00693	.00017	56.147	.12466	.16800	.15836	366.62
#2	.00710	-.00003	55.634	.12479	.16769	.15493	369.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5970	38.083	.19871	.00294	4.6779	.33730	.65396
Stddev	.0065	.037	.00105	.00062	.0218	.00196	.00196
%RSD	.17982	.09770	.53077	21.188	.46533	.57972	.30004

#1	3.5924	38.057	.19796	.00250	4.6933	.33869	.65257
#2	3.6016	38.109	.19945	.00338	4.6625	.33592	.65535

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.386	.00340	.58163	4.8055	1.4841	.01794	4.3118
Stddev	.066	.00012	.00648	.0241	.0147	.00067	.0060
%RSD	.57923	3.4684	1.1145	.50203	.98853	3.7140	.13835

#1	11.433	.00332	.57704	4.7884	1.4944	.01841	4.3160
#2	11.339	.00349	.58621	4.8225	1.4737	.01747	4.3075

Sample Name: J4772-01DUP Acquired: 9/18/2018 18:28:45 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.86601	13.46	.11261	F<.00000	F<.00000
Stddev	.00627	.03	.00026	.39291	1.5901
%RSD	.72444	.2591	.23158	.71135	.18963

#1	.87044	13.43	.11280	-54.957	-839.67
#2	.86157	13.48	.11243	-55.513	-837.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.6	48639.	6518.0	97.488	2349.7
Stddev	10.1	118.	62.2	.119	1.8
%RSD	.29813	.24163	.95491	.12203	.07567

#1	3371.5	48555.	6474.0	97.572	2350.9
#2	3385.7	48722.	6562.0	97.404	2348.4

Sample Name: CCV07 Acquired: 9/18/2018 18:32:43 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13846 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0084	4.9049	4.9275	5.0173	4.9524	9.8894	10.174	.25427
Stddev	.0312	.0035	.0005	.0099	.0164	.0337	.058	.00125
%RSD	.62222	.07220	.00946	.19730	.33018	.34060	.57104	.49008
#1	5.0304	4.9024	4.9272	5.0103	4.9640	9.8656	10.215	.25339
#2	4.9863	4.9074	4.9279	5.0243	4.9409	9.9132	10.133	.25515
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4899	26.404	1.0630	2.4783	1.2690	5.0727	2.5603	25.855
Stddev	.0030	.139	.0040	.0044	.0055	.1466	.0140	.201
%RSD	.12140	.52804	.37157	.17812	.43161	2.8889	.54682	.77680
#1	2.4877	26.502	1.0602	2.4752	1.2729	4.9690	2.5504	25.997
#2	2.4920	26.305	1.0658	2.4814	1.2652	5.1763	2.5702	25.713
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5191	1.2305	25.478	2.5076	2.6581	26.134	5.0329	5.1297
Stddev	.0010	.0005	.149	.0156	.0628	.158	.0105	.0053
%RSD	.03893	.03822	.58603	.62087	2.3607	.60331	.20793	.10361
#1	2.5198	1.2302	25.584	2.4965	2.6137	26.246	5.0403	5.1259
#2	2.5184	1.2308	25.373	2.5186	2.7025	26.023	5.0255	5.1334
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8986	5.0622	4.9709	5.1261	4.5908	5.129	5.0941	F 1.1313
Stddev	.0051	.0233	.0118	.0318	.0084	.006	.0265	.0720
%RSD	.10477	.45926	.23847	.62034	.18252	.1179	.52083	6.3672
#1	4.8950	5.0786	4.9793	5.1486	4.5968	5.124	5.1129	1.0804
#2	4.9022	5.0457	4.9625	5.1036	4.5849	5.133	5.0754	1.1823

Sample Name: CCV07 Acquired: 9/18/2018 18:32:43 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13846 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.9722
Stddev .1868
%RSD 2.3432

#1 8.1043
#2 7.8401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.5	30959.	3949.8	96.057	2515.9
Stddev	10.6	83.	32.7	2.070	5.1
%RSD	.48576	.26853	.82704	2.1548	.20112

#1	2174.0	31018.	3926.7	97.521	2512.3
#2	2189.0	30900.	3972.9	94.593	2519.4

Sample Name: CCB07 Acquired: 9/18/2018 18:36:28 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13846 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00548	-.00017	-.00065	-.00146	-.00404	-.01073	.00078
Stddev	.00207	.00043	.00036	.00027	.00013	.00315	.00049
%RSD	37.864	252.87	55.289	18.374	3.2300	29.389	62.379

#1	-.00401	.00013	-.00090	-.00166	-.00413	-.00850	.00044
#2	-.00694	-.00048	-.00039	-.00127	-.00395	-.01296	.00113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00004	-.01563	.00024	-.00031	.00157	-.00883
Stddev	.00004	.00007	.02288	.00008	.00008	.00025	.00138
%RSD	50.718	168.62	146.35	33.811	25.502	15.760	15.629

#1	.00005	.00001	.00055	.00029	-.00025	.00175	-.00980
#2	.00010	-.00009	-.03181	.00018	-.00036	.00140	-.00785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.05523	.00096	.00026	-.06604	-.00029	-.00023
Stddev	.00003	.00424	.00019	.00041	.00373	.00050	.00010
%RSD	39.523	7.6712	19.486	159.23	5.6409	172.04	44.122

#1	-.00008	-.05822	.00109	-.00003	-.06341	-.00065	-.00016
#2	-.00005	-.05223	.00083	.00055	-.06867	.00006	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09854	.00080	-.00178	-.00172	.00082	-.00066	.00190
Stddev	.01817	.00031	.00482	.00271	.00205	.00016	.00093
%RSD	18.444	38.027	271.00	157.45	251.18	23.493	48.960

#1	.11139	.00102	-.00518	.00020	.00227	-.00055	.00256
#2	.08569	.00059	.00163	-.00364	-.00063	-.00078	.00124

Sample Name: CCB07 Acquired: 9/18/2018 18:36:28 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13846 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.04441	-.0005	.00005	F<.00000	F 5.0107
Stddev	.00282	.0026	.00002	.00299	1.6170
%RSD	6.3448	556.3	33.619	.89652	32.271

#1	-.04242	.0014	.00004	-.33141	6.1541
#2	-.04641	-.0023	.00007	-.33564	3.8673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.3	32102.	4028.1	101.48	2799.4
Stddev	5.5	14.	23.5	1.43	1.1
%RSD	.24406	.04340	.58273	1.4078	.04023

#1	2250.4	32112.	4011.5	100.47	2798.6
#2	2258.2	32092.	4044.7	102.49	2800.2

Sample Name: J4772-01LX5 Acquired: 9/18/2018 18:40:31 Type: Unk
Method: P4-ICP2(v2440) 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	.01253	-.00797	.02268	-.00641	-.00184	27.864	.12925
Stddev	.00265	.00194	.00100	.00349	.00120	.069	.00035
%RSD	21.126	24.285	4.4006	54.479	65.272	.24789	.27377

#1	.01066	-.00934	.02338	-.00888	-.00268	27.815	.12950
#2	.01441	-.00660	.02197	-.00394	-.00099	27.912	.12900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	-.00108	16.425	.09770	.03342	.07101	75.329
Stddev	.00002	.00004	.045	.00100	.00013	.00017	.336
%RSD	.77832	3.5249	.27174	1.0205	.40331	.23336	.44604

#1	.00195	-.00111	16.456	.09840	.03332	.07112	75.092
#2	.00197	-.00105	16.393	.09699	.03351	.07089	75.567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0782	11.151	.07810	-.00324	1.2995	.09756	.13782
Stddev	.0019	.176	.00049	.00014	.0071	.00162	.00105
%RSD	.17351	1.5782	.62344	4.1862	.54617	1.6573	.76191

#1	1.0768	11.275	.07776	-.00334	1.3045	.09870	.13708
#2	1.0795	11.026	.07844	-.00315	1.2945	.09641	.13857

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3109	.00737	.11985	.92469	.44298	.00539	1.2455
Stddev	.0685	.00002	.00837	.00034	.01471	.00005	.0114
%RSD	2.0692	.29291	6.9818	.03639	3.3209	.88567	.91517

#1	3.3594	.00739	.11393	.92493	.45338	.00542	1.2535
#2	3.2625	.00736	.12577	.92446	.43257	.00536	1.2374

Sample Name: J4772-01LX5 Acquired: 9/18/2018 18:40:31 Type: Unk
Method: P4-ICP2(v2440) 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	.20598	2.615	.03227	F<.00000	F<.00000
Stddev	.00904	.009	.00034	.17454	.47326
%RSD	4.3887	.3476	1.0588	1.4597	.56244

#1	.19959	2.608	.03251	-12.080	-84.480
#2	.21238	2.621	.03203	-11.834	-83.810

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.3	35769.	4569.7	99.814	2624.1
Stddev	3.7	15.	11.9	.004	1.6
%RSD	.14649	.04092	.26068	.00383	.05916

#1	2492.7	35759.	4561.2	99.816	2623.0
#2	2497.9	35779.	4578.1	99.811	2625.2

Sample Name: J4772-01MS Acquired: 9/18/2018 18:44:29 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63251	2.1475	1.2160	1.4204	.56226	102.54	.59342
Stddev	.00210	.0049	.0043	.0036	.00094	.28	.00264
%RSD	.33134	.23004	.35688	.25003	.16679	.27214	.44513

#1	.63103	2.1440	1.2129	1.4179	.56160	102.34	.59529
#2	.63400	2.1510	1.2190	1.4229	.56292	102.74	.59155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14933	.22919	57.125	.42451	.38716	.36529	367.39
Stddev	.00038	.00008	.106	.00214	.00073	.00530	7.51
%RSD	.25610	.03457	.18533	.50319	.18981	1.4502	2.0443

#1	.14906	.22913	57.200	.42300	.38768	.36904	362.08
#2	.14960	.22924	57.050	.42602	.38664	.36155	372.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6927	39.815	.77218	.05414	6.9113	.54610	.86876
Stddev	.0004	.231	.00205	.00152	.0340	.00181	.01364
%RSD	.01137	.58124	.26604	2.8091	.49187	.33172	1.5700

#1	3.6924	39.978	.77073	.05307	6.9354	.54482	.85912
#2	3.6930	39.651	.77363	.05522	6.8873	.54738	.87841

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.808	.28981	.79507	4.7621	2.1509	.80073	4.4690
Stddev	.059	.00059	.01617	.0166	.0070	.00050	.0068
%RSD	.31114	.20349	2.0336	.34950	.32761	.06289	.15131

#1	18.849	.29023	.78363	4.7503	2.1460	.80109	4.4642
#2	18.766	.28940	.80650	4.7739	2.1559	.80038	4.4738

Sample Name: J4772-01MS Acquired: 9/18/2018 18:44:29 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1317	19.40	.24913	F<.00000	F<.00000
Stddev	.0016	.01	.00061	.93868	3.4931
%RSD	.07655	.0674	.24388	1.7096	.41004

#1	2.1329	19.41	.24956	-54.242	-849.43
#2	2.1306	19.39	.24870	-55.570	-854.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.4	48355.	6363.3	96.877	2348.3
Stddev	4.6	73.	52.5	1.381	2.9
%RSD	.13709	.15081	.82480	1.4260	.12275

#1	3331.2	48304.	6326.2	97.854	2346.2
#2	3337.7	48407.	6400.4	95.900	2350.3

Sample Name: J4772-01MSD Acquired: 9/18/2018 18:48:21 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62628	2.1403	1.2064	1.3978	.55575	102.20	.58705
Stddev	.00150	.0017	.0039	.0031	.00125	.20	.00076
%RSD	.23996	.07877	.32565	.22018	.22467	.19592	.12946

#1	.62735	2.1414	1.2037	1.3999	.55664	102.06	.58651
#2	.62522	2.1391	1.2092	1.3956	.55487	102.34	.58759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14862	.22797	56.329	.42138	.38484	.35883	367.22
Stddev	.00008	.00034	.121	.00076	.00078	.00424	7.48
%RSD	.05189	.14942	.21515	.18004	.20380	1.1813	2.0363

#1	.14868	.22821	56.243	.42085	.38429	.36183	361.93
#2	.14857	.22772	56.415	.42192	.38540	.35584	372.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6840	39.357	.76635	.05353	6.8538	.54234	.87225
Stddev	.0043	.146	.00032	.00072	.0443	.00331	.01837
%RSD	.11719	.37078	.04176	1.3412	.64626	.61064	2.1062

#1	3.6871	39.254	.76612	.05302	6.8224	.54468	.85926
#2	3.6810	39.461	.76658	.05404	6.8851	.53999	.88525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.588	.28800	.78651	4.7265	2.1256	.79421	4.4386
Stddev	.032	.00139	.01671	.0003	.0259	.00092	.0104
%RSD	.17153	.48424	2.1250	.00584	1.2191	.11632	.23473

#1	18.566	.28701	.77469	4.7267	2.1439	.79356	4.4312
#2	18.611	.28898	.79833	4.7263	2.1072	.79486	4.4460

Sample Name: J4772-01MSD Acquired: 9/18/2018 18:48:21 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-091718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1181	19.35	.24634	F<.00000	F<.00000
Stddev	.0082	.08	.00063	.39100	3.0355
%RSD	.38694	.4041	.25374	.71955	.35618

#1	2.1123	19.41	.24590	-54.617	-854.37
#2	2.1239	19.30	.24678	-54.064	-850.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.7	48244.	6413.6	96.446	2353.4
Stddev	1.2	38.	14.0	1.983	5.8
%RSD	.03472	.07828	.21809	2.0558	.24663

#1	3354.8	48218.	6423.5	97.848	2349.3
#2	3356.5	48271.	6403.8	95.044	2357.5

Sample Name: J4772-01A Acquired: 9/18/2018 18:52:13 Type: Unk
Method: P4-ICP2(v2440) 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	.63748	2.1527	1.2186	1.4215	.56606	102.88	.59261
Stddev	.00004	.0060	.0020	.0089	.00305	.58	.00185
%RSD	.00690	.27697	.16566	.62538	.53892	.55954	.31203

#1	.63745	2.1569	1.2200	1.4152	.56390	102.47	.59392
#2	.63751	2.1485	1.2172	1.4278	.56821	103.28	.59130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14916	.23064	56.553	.42086	.38802	.36490	362.37
Stddev	.00075	.00025	.163	.00216	.00047	.00474	2.10
%RSD	.50283	.11005	.28867	.51302	.12009	1.2977	.58019

#1	.14969	.23046	56.668	.41933	.38835	.36155	363.86
#2	.14863	.23082	56.438	.42239	.38769	.36824	360.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6787	39.355	.77319	.05324	6.8918	.54347	.85319
Stddev	.0125	.307	.00000	.00032	.0132	.00343	.00791
%RSD	.33955	.78083	.00057	.60793	.19216	.63173	.92719

#1	3.6699	39.573	.77319	.05347	6.9011	.54105	.85879
#2	3.6876	39.138	.77320	.05301	6.8824	.54590	.84760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.703	.29134	.78963	4.7657	2.0775	.80071	4.4630
Stddev	.031	.00097	.00356	.0142	.0247	.00175	.0010
%RSD	.16653	.33151	.45046	.29803	1.1909	.21842	.02168

#1	18.725	.29066	.78712	4.7758	2.0950	.80194	4.4637
#2	18.681	.29202	.79215	4.7557	2.0600	.79947	4.4624

Sample Name: J4772-01A Acquired: 9/18/2018 18:52:13 Type: Unk
 Method: P4-ICP2(v2440) 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	2.1319	19.47	.24930	F<.00000	F<.00000
Stddev	.0087	.07	.00109	.19550	6.2878
%RSD	.40661	.3418	.43690	.36018	.72740

#1	2.1258	19.51	.25007	-54.417	-859.97
#2	2.1381	19.42	.24853	-54.140	-868.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3333.2	48476.	6477.1	98.826	2349.0
Stddev	3.4	93.	47.3	.888	11.4
%RSD	.10322	.19193	.73048	.89832	.48542

#1	3335.7	48410.	6443.6	98.199	2340.9
#2	3330.8	48541.	6510.5	99.454	2357.0

Sample Name: J4950-01 Acquired: 9/18/2018 18:56:05 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB32734RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02533	-.00473	.04000	-.00521	-.00274	11.902	.05201
Stddev	.00174	.00089	.00166	.00234	.00092	.056	.00011
%RSD	6.8708	18.795	4.1610	44.984	33.664	.47019	.21220

#1	.02656	-.00536	.04118	-.00687	-.00209	11.942	.05209
#2	.02410	-.00410	.03883	-.00355	-.00339	11.863	.05193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00073	5.9241	.07963	.00789	.14354	62.027
Stddev	.00002	.00025	.0341	.00171	.00001	.00076	1.063
%RSD	3.0955	34.719	.57584	2.1509	.07249	.52981	1.7129

#1	.00063	-.00055	5.9482	.07842	.00789	.14408	61.276
#2	.00066	-.00091	5.8999	.08084	.00788	.14300	62.778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28329	3.7314	.01449	-.00212	.24081	.05463	.16485
Stddev	.00109	.0157	.00029	.00001	.00693	.00007	.00283
%RSD	.38588	.42087	1.9814	.30494	2.8772	.13133	1.7165

#1	.28406	3.7202	.01469	-.00211	.24571	.05458	.16285
#2	.28251	3.7425	.01429	-.00212	.23591	.05468	.16685

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1069	.01844	.03685	.81958	3.6562	.00531	.72868
Stddev	.0364	.00013	.00631	.01500	.0379	.00008	.00386
%RSD	3.2841	.71292	17.132	1.8303	1.0373	1.5770	.52914

#1	1.1326	.01853	.03239	.83019	3.6293	.00525	.73141
#2	1.0812	.01835	.04132	.80897	3.6830	.00537	.72596

Sample Name: J4950-01 Acquired: 9/18/2018 18:56:05 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB32734RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04222	1.382	.01969	F<.00000	F<.00000
Stddev	.00331	.005	.00012	.99352	1.6322
%RSD	7.8413	.3298	.63043	9.9275	2.2738

#1	.04456	1.386	.01960	-9.3052	-72.938
#2	.03988	1.379	.01978	-10.710	-70.630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.7	34611.	4452.4	103.45	2764.6
Stddev	18.8	188.	25.5	1.65	12.8
%RSD	.78070	.54344	.57303	1.5971	.46445

#1	2394.4	34478.	4470.4	104.62	2755.5
#2	2421.0	34744.	4434.3	102.29	2773.7

Sample Name: J4951-01 Acquired: 9/18/2018 19:00:06 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB48380RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14122	-.02945	3.1369	-.01405	.00909	182.88	1.4710
Stddev	.00423	.00166	.0061	.00095	.00018	.37	.0030
%RSD	2.9921	5.6387	.19437	6.7901	1.9275	.20291	.20412

#1	.13824	-.03062	3.1412	-.01338	.00897	183.14	1.4689
#2	.14421	-.02828	3.1326	-.01473	.00922	182.62	1.4732

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01015	.01772	243.89	.24530	.11880	.45592	384.31
Stddev	.00016	.00098	1.70	.00106	.00120	.00563	9.00
%RSD	1.5714	5.5137	.69885	.43119	1.0124	1.2356	2.3419

#1	.01004	.01703	242.69	.24455	.11795	.45193	390.68
#2	.01027	.01841	245.10	.24604	.11965	.45990	377.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1572	47.392	.28198	-.00197	10.340	.44672	6.0231
Stddev	.0063	.297	.00088	.00157	.061	.00024	.1324
%RSD	.08837	.62722	.31184	79.824	.58543	.05345	2.1977

#1	7.1617	47.182	.28136	-.00086	10.297	.44688	6.1167
#2	7.1528	47.603	.28260	-.00308	10.383	.44655	5.9295

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.949	.00973	.39377	14.347	6.3701	.22544	2.4514
Stddev	.139	.00049	.01438	.015	.0730	.00132	.0041
%RSD	.77472	5.0389	3.6514	.10341	1.1457	.58412	.16713

#1	17.850	.00938	.40394	14.357	6.3185	.22637	2.4485
#2	18.047	.01007	.38361	14.336	6.4218	.22451	2.4543

Sample Name: J4951-01 Acquired: 9/18/2018 19:00:06 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB48380RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6708	12.74	1.3638	F<.00000	F<.00000
Stddev	.0046	.02	.0066	.79083	2.7225
%RSD	.27348	.1242	.48596	1.7526	.30772

#1	1.6676	12.75	1.3592	-44.564	-882.79
#2	1.6740	12.73	1.3685	-45.682	-886.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.0	37285.	5188.7	95.579	2222.2
Stddev	10.8	128.	36.5	2.232	6.6
%RSD	.41067	.34403	.70374	2.3352	.29625

#1	2610.4	37195.	5214.5	94.000	2217.6
#2	2625.6	37376.	5162.8	97.157	2226.9

Sample Name: J4952-01 Acquired: 9/18/2018 19:04:08 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2015-161-20- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05159	-.03386	.15916	-.00969	.00010	134.70	.44180
Stddev	.00081	.00112	.00314	.00300	.00148	.13	.00065
%RSD	1.5726	3.3213	1.9733	30.937	1419.1	.09856	.14789

#1	.05102	-.03307	.15694	-.00757	-.00094	134.61	.44134
#2	.05217	-.03466	.16138	-.01181	.00115	134.79	.44226

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00480	-.00099	25.461	.22601	.11715	.19450	245.28
Stddev	.00013	.00129	.019	.00059	.00063	.00472	8.42
%RSD	2.7869	130.09	.07513	.26016	.53548	2.4251	3.4319

#1	.00489	-.00191	25.474	.22643	.11671	.19116	251.23
#2	.00470	-.00008	25.447	.22560	.11760	.19783	239.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8430	41.311	.18524	-.00914	1.7373	.45070	.50805
Stddev	.0038	.032	.00044	.00090	.0164	.00141	.02045
%RSD	.07846	.07788	.23625	9.8102	.94580	.31358	4.0250

#1	4.8456	41.334	.18555	-.00850	1.7257	.45170	.52251
#2	4.8403	41.289	.18493	-.00977	1.7489	.44970	.49359

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7861	.00313	.23161	2.2738	3.9573	.01583	4.7351
Stddev	.0282	.00047	.00954	.0001	.0221	.00089	.0182
%RSD	.48663	14.856	4.1194	.00223	.55778	5.6148	.38364

#1	5.8060	.00280	.23836	2.2738	3.9730	.01645	4.7223
#2	5.7662	.00346	.22486	2.2738	3.9417	.01520	4.7480

Sample Name: J4952-01 Acquired: 9/18/2018 19:04:08 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2015-161-20- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.93792	5.546	.09176	F<.00000	F<.00000
Stddev	.00346	.005	.00024	.35319	2.4539
%RSD	.36847	.0840	.26511	1.2020	.50629

#1	.93548	5.543	.09159	-29.633	-486.41
#2	.94037	5.550	.09193	-29.134	-482.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.4	34933.	4648.7	99.006	2473.3
Stddev	4.3	165.	47.8	4.067	4.6
%RSD	.17236	.47350	1.0275	4.1082	.18663

#1	2471.4	34816.	4614.9	96.130	2476.5
#2	2465.4	35050.	4682.4	101.88	2470.0

Sample Name: J4959-01 Acquired: 9/18/2018 19:08:09 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BACKFILL-SW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04705	-.06383	.35038	-.00890	-.00042	126.88	1.2915
Stddev	.00010	.00068	.00514	.00069	.00367	.22	.0036
%RSD	.20605	1.0661	1.4674	7.8094	865.96	.17495	.27608

#1	.04712	-.06431	.35401	-.00840	.00217	126.72	1.2940
#2	.04698	-.06335	.34674	-.00939	-.00302	127.04	1.2890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00675	.00130	211.43	.27117	.15709	.49817	290.12
Stddev	.00018	.00001	.08	.00139	.00060	.00445	4.01
%RSD	2.6614	.96680	.03759	.51237	.37968	.89233	1.3810

#1	.00662	.00130	211.37	.27019	.15751	.50132	292.95
#2	.00688	.00131	211.48	.27216	.15666	.49503	287.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9093	72.456	.31728	-.00904	3.8876	.35467	1.1259
Stddev	.0030	.148	.00173	.00025	.0148	.00165	.0166
%RSD	.05041	.20444	.54509	2.8111	.38149	.46384	1.4720

#1	5.9072	72.351	.31850	-.00886	3.8981	.35351	1.1376
#2	5.9114	72.561	.31605	-.00922	3.8771	.35583	1.1141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.713	.00897	.30491	8.1437	5.2992	.02567	8.3611
Stddev	.048	.00036	.00130	.0600	.0091	.00079	.0176
%RSD	.09088	4.0055	.42712	.73712	.17249	3.0696	.21097

#1	52.747	.00922	.30399	8.1861	5.3057	.02511	8.3735
#2	52.679	.00871	.30583	8.1012	5.2927	.02623	8.3486

Sample Name: J4959-01 Acquired: 9/18/2018 19:08:09 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BACKFILL-SW2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.5868	9.966	.68002	F<.00000	F<.00000
Stddev	.0059	.093	.00298	1.3939	2.3531
%RSD	.36914	.9361	.43770	4.4160	.41311

#1	1.5910	10.03	.68213	-30.580	-567.96
#2	1.5827	9.900	.67792	-32.551	-571.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.1	36223.	4975.6	93.144	2252.4
Stddev	26.4	68.	2.5	1.361	23.9
%RSD	1.0336	.18848	.05032	1.4608	1.0623

#1	2531.5	36175.	4973.9	92.182	2235.5
#2	2568.8	36272.	4977.4	94.106	2269.4

Sample Name: J4960-01 Acquired: 9/18/2018 19:12:00 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51812	-.07220	.67643	-.13413	.01961	101.06	.72751
Stddev	.01035	.00663	.01396	.00230	.00063	.30	.00456
%RSD	1.9971	9.1858	2.0641	1.7171	3.2015	.29701	.62650

#1	.51081	-.07689	.68630	-.13251	.02005	101.27	.72429
#2	.52544	-.06751	.66655	-.13576	.01916	100.85	.73074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02036	.04370	29.398	.76198	.07714	-.07303	F 1429.1
Stddev	.00029	.00921	.144	.00032	.00004	.04852	84.3
%RSD	1.4118	21.082	.48859	.04264	.05034	66.442	5.8995

#1	.02056	.05021	29.296	.76221	.07711	-.03872	1369.5
#2	.02016	.03718	29.499	.76175	.07717	-.10734	1488.7

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0021	22.709	.20871	-.05674	2.7900	1.2831	2.0513
Stddev	.0023	.210	.00102	.01122	.0079	.0029	.0887
%RSD	.23250	.92476	.48999	19.784	.28259	.22841	4.3217

#1	1.0004	22.560	.20798	-.06467	2.7955	1.2810	1.9886
#2	1.0037	22.857	.20943	-.04880	2.7844	1.2852	2.1140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.588	-.00999	1.1869	22.844	1.7776	.04801	2.6250
Stddev	.121	.00003	.1128	.089	.0080	.00108	.0140
%RSD	.61596	.33413	9.5000	.38991	.44947	2.2483	.53125

#1	19.503	-.00997	1.1072	22.781	1.7719	.04725	2.6151
#2	19.674	-.01001	1.2666	22.907	1.7832	.04877	2.6348

Sample Name: J4960-01 Acquired: 9/18/2018 19:12:00 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43473	45.01	.19305	F<.00000	^ *****
Stddev	.00532	.05	.00027	1.3544	-----
%RSD	1.2234	.1140	.14235	.74020	-----
#1	.43097	44.98	.19286	-183.93	^ -----
#2	.43849	45.05	.19324	-182.02	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.9	32648.	4526.4	97.157	2092.0
Stddev	.6	64.	65.4	4.311	.9
%RSD	.02682	.19464	1.4449	4.4367	.04352
#1	2270.3	32692.	4572.7	100.21	2092.7
#2	2269.5	32603.	4480.2	94.109	2091.4

Sample Name: J4962-01 Acquired: 9/18/2018 19:15:57 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 291-11984 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04993	-.02300	.61340	-.02040	.00701	80.942	.48233	.00459
Stddev	.00210	.00138	.00353	.01058	.00368	.272	.00798	.00003
%RSD	4.1982	5.9808	.57590	51.875	52.566	.33606	1.6544	.54534

#1	.05142	-.02397	.61590	-.02788	.00961	80.750	.47668	.00457
#2	.04845	-.02203	.61091	-.01292	.00440	81.135	.48797	.00461

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00752	F 4400.6	.12210	.02750	.23082	79.824	1.9003	69.747
Stddev	.00024	62.5	.00030	.00050	.00200	.425	.0048	.984
%RSD	3.1921	1.4209	.24671	1.8216	.86742	.53208	.25070	1.4112

#1	.00769	4356.4	.12189	.02785	.23224	80.124	1.8969	69.051
#2	.00735	4444.8	.12231	.02714	.22941	79.524	1.9037	70.443

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06514	-.00890	2.1903	.11973	.85986	2.9049	.01089	.19097
Stddev	.00005	.00032	.0379	.00129	.00846	.0520	.00021	.01417
%RSD	.07981	3.5666	1.7297	1.0756	.98354	1.7896	1.9048	7.4195

#1	.06518	-.00912	2.1635	.11881	.86584	2.8682	.01103	.20099
#2	.06510	-.00867	2.2171	.12064	.85388	2.9417	.01074	.18095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.248	1.5999	.04990	3.3396	1.6484	4.361	4.1889	^ *****
Stddev	.136	.0370	.00260	.0267	.0004	.018	.0605	-----
%RSD	.44867	2.3132	5.2060	.79928	.02167	.4230	1.4442	-----

#1	30.344	1.5737	.05174	3.3208	1.6482	4.374	4.1461	^ -----
#2	30.152	1.6261	.04807	3.3585	1.6487	4.348	4.2317	^ -----

Sample Name: J4962-01 Acquired: 9/18/2018 19:15:57 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 291-11984 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	47.439
Stddev	.832
%RSD	1.7534

#1	46.851
#2	48.027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.7	26958.	4006.1	81.715	1675.5
Stddev	13.0	14.	43.0	.738	9.7
%RSD	.70022	.05143	1.0736	.90357	.57989

#1	1852.5	26968.	4036.5	81.193	1668.7
#2	1870.9	26948.	3975.7	82.237	1682.4

Sample Name: CCV08 Acquired: 9/18/2018 19:19:58 Type: Unk
Method: P4-ICP2(v2440) 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	4.9610	4.9014	4.8937	4.9857	4.9043	9.9387	9.8736	.25446
Stddev	.0142	.0036	.0090	.0253	.0117	.0624	.1528	.00025
%RSD	.28669	.07400	.18381	.50661	.23780	.62808	1.5473	.09855
#1	4.9710	4.9040	4.8874	5.0036	4.9125	9.8945	9.9816	.25463
#2	4.9509	4.8988	4.9001	4.9678	4.8960	9.9828	9.7656	.25428
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4733	25.922	1.0648	2.4660	1.2649	4.9188	2.5420	25.478
Stddev	.0011	.249	.0045	.0009	.0050	.0294	.0109	.257
%RSD	.04446	.95997	.42303	.03720	.39905	.59810	.43056	1.0087
#1	2.4741	26.098	1.0680	2.4654	1.2685	4.8980	2.5498	25.660
#2	2.4725	25.746	1.0616	2.4667	1.2613	4.9396	2.5343	25.296
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5034	1.2316	24.682	2.4996	2.5356	25.330	4.9909	5.0442
Stddev	.0062	.0104	.273	.0047	.0053	.354	.0161	.0539
%RSD	.24793	.84723	1.1064	.18948	.20897	1.3968	.32291	1.0678
#1	2.5078	1.2390	24.875	2.5030	2.5318	25.580	5.0023	5.0823
#2	2.4990	1.2243	24.489	2.4963	2.5393	25.080	4.9795	5.0061
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8381	4.9424	4.9355	5.0387	F 4.4439	5.083	4.9581	F .17235
Stddev	.0105	.0712	.0150	.0282	.0337	.006	.0724	1.0036
%RSD	.21675	1.4405	.30282	.55866	.75734	.1213	1.4597	582.31
#1	4.8455	4.9927	4.9249	5.0586	4.4677	5.088	5.0093	.88200
#2	4.8306	4.8921	4.9461	5.0188	4.4201	5.079	4.9069	-.53731

Sample Name: CCV08 Acquired: 9/18/2018 19:19:58 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.9984
Stddev 3.2876
%RSD 54.808

#1 8.3231
#2 3.6737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.3	31129.	4091.5	100.62	2528.1
Stddev	10.9	200.	63.1	.10	7.0
%RSD	.49472	.64216	1.5424	.10052	.27498

#1	2190.6	30988.	4046.9	100.55	2523.2
#2	2206.0	31270.	4136.1	100.70	2533.1

Sample Name: CCB08 Acquired: 9/18/2018 19:23:44 Type: Unk
Method: P4-ICP2(v2440) 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	.00064	.00087	-.00190	-.00431	-.00394	-.00812	.00145
Stddev	.00282	.00083	.00086	.00041	.00144	.01050	.00044
%RSD	438.10	95.100	44.997	9.5585	36.551	129.31	30.511

#1	.00264	.00028	-.00251	-.00460	-.00292	-.00070	.00113
#2	-.00135	.00145	-.00130	-.00402	-.00495	-.01555	.00176

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00006	.00438	-.00015	-.00019	.00175	-.00530
Stddev	.00005	.00001	.01312	.00018	.00010	.00024	.00082
%RSD	175.86	19.612	299.28	125.09	55.135	13.649	15.495

#1	-.00007	-.00007	-.00489	-.00027	-.00026	.00158	-.00588
#2	.00001	-.00006	.01366	-.00002	-.00011	.00192	-.00472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.05620	.00103	.00036	-.06586	-.00000	-.00010
Stddev	.00005	.01622	.00008	.00042	.00218	.00001	.00005
%RSD	203.42	28.872	7.7287	117.57	3.3116	136.77	56.866

#1	-.00006	-.06767	.00109	.00066	-.06432	-.00001	-.00013
#2	.00001	-.04472	.00097	.00006	-.06740	-.00000	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07168	.00083	.00320	-.00113	.00102	-.00070	.00326
Stddev	.02391	.00038	.00231	.00258	.00048	.00043	.00042
%RSD	33.353	45.292	72.147	227.37	47.447	60.905	12.926

#1	.08858	.00110	.00484	-.00296	.00068	-.00101	.00296
#2	.05477	.00057	.00157	.00069	.00136	-.00040	.00355

Sample Name: CCB08 Acquired: 9/18/2018 19:23:44 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03353	.0011	.00004	F<.00000	F 4.1966
Stddev	.00099	.0008	.00004	.29892	1.4264
%RSD	2.9380	69.40	122.44	68.330	33.989

#1	-.03284	.0017	.00007	-.64884	5.2052
#2	-.03423	.0006	.00000	-.22610	3.1880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.1	32116.	3998.9	99.722	2788.3
Stddev	6.6	88.	1.5	3.136	5.2
%RSD	.29515	.27300	.03745	3.1452	.18647

#1	2235.4	32054.	4000.0	101.94	2784.6
#2	2244.8	32178.	3997.9	97.504	2792.0

Sample Name: J4926-01 Acquired: 9/18/2018 19:27:49 Type: Unk
Method: P4-ICP2(v2440) 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	-.00315	-.00060	.00015	.00251	-.00172	.01994	.02511	-.00004
Stddev	.00069	.00003	.00041	.00115	.00145	.00894	.00004	.00002
%RSD	21.889	5.7437	278.64	45.760	84.206	44.831	.15035	59.052

#1	-.00363	-.00058	.00044	.00170	-.00070	.02626	.02509	-.00006
#2	-.00266	-.00062	-.00014	.00332	-.00275	.01362	.02514	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	6.8345	.00165	.00018	.37245	.00850	.00867	2.2437
Stddev	.00013	.0587	.00002	.00025	.00182	.00565	.00005	.0302
%RSD	70.773	.85963	1.2260	141.69	.48890	66.401	.56178	1.3444

#1	-.00027	6.8761	.00164	.00035	.37116	.00451	.00863	2.2223
#2	-.00009	6.7930	.00167	-.00000	.37373	.01249	.00870	2.2650

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00367	.00039	46.547	.00019	.02420	1.7368	.00059	.04944
Stddev	.00017	.00022	.630	.00001	.00034	.0268	.00006	.00171
%RSD	4.6661	57.709	1.3527	4.0969	1.3887	1.5428	10.036	3.4619

#1	.00355	.00055	46.992	.00020	.02444	1.7557	.00063	.04823
#2	.00379	.00023	46.102	.00018	.02396	1.7178	.00055	.05065

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8977	7.1446	-.00045	.00331	-.04780	.0116	.04305	.41799
Stddev	.0183	.1365	.00086	.00007	.00457	.0017	.00058	.77394
%RSD	.63155	1.9111	192.58	2.0659	9.5695	14.53	1.3431	185.16

#1	2.8847	7.2412	-.00106	.00326	-.04456	.0128	.04346	.96524
#2	2.9106	7.0481	.00016	.00335	-.05103	.0104	.04264	-.12927

Sample Name: J4926-01 Acquired: 9/18/2018 19:27:49 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7144
Stddev .7277
%RSD 10.837

#1 6.1998
#2 7.2289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.2	31623.	4018.0	98.190	2670.0
Stddev	10.3	141.	79.9	2.057	13.1
%RSD	.47538	.44637	1.9883	2.0946	.49086

#1	2166.9	31523.	3961.6	96.736	2660.7
#2	2181.5	31723.	4074.5	99.644	2679.3

Sample Name: J4926-01DUP Acquired: 9/18/2018 19:31:51 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.00048	-.00008	.00005	-.00173	.02231	.02626	-.00006
Stddev	.00132	.00097	.00039	.00017	.00215	.00796	.00093	.00002
%RSD	92.162	201.34	500.11	355.02	124.62	35.684	3.5275	43.192

#1	.00050	-.00116	.00020	-.00007	-.00021	.01668	.02561	-.00007
#2	.00237	.00020	-.00036	.00017	-.00325	.02794	.02692	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	7.0149	.00257	.00054	.38402	.02157	.00899	2.2225
Stddev	.00000	.1845	.00037	.00008	.00047	.01358	.00014	.0741
%RSD	2.4657	2.6297	14.263	15.554	.12185	62.972	1.5711	3.3361

#1	-.00016	6.8845	.00283	.00048	.38435	.03117	.00909	2.1701
#2	-.00016	7.1454	.00231	.00060	.38369	.01196	.00889	2.2749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	.00024	47.208	.00034	.02467	1.7550	.00055	.05300
Stddev	.00031	.00011	.905	.00061	.00051	.0101	.00015	.00178
%RSD	7.1893	48.170	1.9179	179.84	2.0557	.57786	28.067	3.3564

#1	.00414	.00032	46.568	.00077	.02431	1.7478	.00044	.05425
#2	.00459	.00016	47.848	-.00009	.02503	1.7622	.00066	.05174

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9033	7.2602	.00010	.00156	-.04198	.0134	.04351	.66473
Stddev	.0126	.1029	.00034	.00092	.01407	.0008	.00072	.27166
%RSD	.43404	1.4166	344.53	59.417	33.513	5.703	1.6538	40.867

#1	2.9122	7.1875	-.00014	.00221	-.03204	.0140	.04300	.47264
#2	2.8944	7.3330	.00034	.00090	-.05193	.0129	.04402	.85682

Sample Name: J4926-01DUP Acquired: 9/18/2018 19:31:51 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2616
Stddev 2.6419
%RSD 61.994

#1 2.3934
#2 6.1297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.1	31402.	3973.0	97.187	2650.9
Stddev	8.8	168.	54.4	1.356	11.3
%RSD	.40635	.53369	1.3694	1.3948	.42522

#1	2157.9	31283.	4011.5	98.146	2643.0
#2	2170.3	31520.	3934.6	96.228	2658.9

Sample Name: J4926-01LX5 Acquired: 9/18/2018 19:35:53 Type: Unk
Method: P4-ICP2(v2440) 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	.00069	.00158	-.00189	-.00134	-.00491	-.01422	.00594
Stddev	.00051	.00067	.00116	.00182	.00097	.01209	.00033
%RSD	73.787	42.636	61.282	135.29	19.781	85.016	5.5881

#1	.00105	.00206	-.00271	-.00263	-.00422	-.02277	.00617
#2	.00033	.00110	-.00107	-.00006	-.00560	-.00567	.00570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00004	1.3915	.00034	-.00017	.07817	-.00253
Stddev	.00002	.00014	.0234	.00072	.00006	.00008	.00842
%RSD	148.52	344.28	1.6835	214.77	35.535	.10182	332.67

#1	-.00000	.00006	1.3749	-.00017	-.00013	.07811	.00342
#2	.00003	-.00014	1.4081	.00085	-.00021	.07822	-.00849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	.41226	.00185	.00045	9.2885	-.00013	.00479
Stddev	.00002	.00936	.00009	.00018	.0097	.00004	.00001
%RSD	1.4087	2.2709	4.6809	38.777	.10436	32.778	.26629

#1	.00169	.40564	.00191	.00033	9.2954	-.00010	.00480
#2	.00172	.41888	.00179	.00058	9.2817	-.00015	.00478

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43980	.00012	.00587	.58988	1.5178	-.00027	.00362
Stddev	.02696	.00001	.00749	.00043	.0064	.00065	.00096
%RSD	6.1300	10.736	127.59	.07345	.41912	242.39	26.502

#1	.45887	.00011	.00057	.58957	1.5223	.00019	.00430
#2	.42074	.00012	.01116	.59018	1.5133	-.00073	.00294

Sample Name: J4926-01LX5 Acquired: 9/18/2018 19:35:53 Type: Unk
Method: P4-ICP2(v2440) 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	-.04065	.0032	.00869	F<.00000	4.6501
Stddev	.00458	.0018	.00001	.09819	.5366
%RSD	11.274	57.38	.10367	9.4675	11.539

#1	-.04389	.0019	.00869	-.96769	4.2707
#2	-.03741	.0045	.00868	-1.1065	5.0296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.4	32188.	4026.2	100.17	2780.7
Stddev	6.1	51.	7.4	2.10	12.8
%RSD	.27085	.15795	.18348	2.0945	.46055

#1	2240.1	32152.	4021.0	101.65	2771.6
#2	2248.7	32224.	4031.4	98.686	2789.7

Sample Name: J4926-01MS Acquired: 9/18/2018 19:39:57 Type: Unk
Method: P4-ICP2(v2440) 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	.91263	2.2057	1.0651	2.2273	.86238	2.2447	.26116
Stddev	.00444	.0054	.0006	.0054	.00700	.0028	.00047
%RSD	.48628	.24346	.05319	.24199	.81220	.12566	.18083

#1	.90949	2.2095	1.0655	2.2234	.85742	2.2467	.26149
#2	.91577	2.2019	1.0647	2.2311	.86733	2.2427	.26082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22003	.22419	8.0124	.50476	.21999	.70656	3.6734
Stddev	.00007	.00015	.0556	.00234	.00036	.00157	.0024
%RSD	.03296	.06468	.69451	.46305	.16276	.22176	.06519

#1	.21998	.22409	7.9731	.50310	.21974	.70546	3.6718
#2	.22008	.22429	8.0518	.50641	.22024	.70767	3.6751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24762	4.5672	.57286	.07816	49.631	.35065	.25883
Stddev	.00002	.0636	.00224	.00011	.069	.00138	.00095
%RSD	.00739	1.3933	.39084	.14431	.13851	.39271	.36757

#1	.24763	4.5222	.57128	.07824	49.679	.35163	.25816
#2	.24761	4.6122	.57445	.07808	49.582	.34968	.25951

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.597	.47879	.40675	2.8520	8.1015	.75443	.23846
Stddev	.056	.00217	.01193	.0056	.0057	.00049	.00189
%RSD	.41308	.45416	2.9338	.19680	.07074	.06469	.79096

#1	13.557	.47725	.39831	2.8560	8.0974	.75409	.23712
#2	13.636	.48032	.41519	2.8480	8.1055	.75478	.23979

Sample Name: J4926-01MS Acquired: 9/18/2018 19:39:57 Type: Unk
Method: P4-ICP2(v2440) 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	1.9694	6.096	.26729	.05885	F<.00000
Stddev	.0039	.022	.00055	.64692	1.2963
%RSD	.19930	.3654	.20666	1099.3	13.887

#1	1.9666	6.112	.26768	.51628	-10.251
#2	1.9722	6.081	.26689	-.39859	-8.4181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.1	31359.	3996.4	98.736	2617.8
Stddev	1.7	49.	2.9	.038	12.9
%RSD	.07737	.15521	.07143	.03822	.49254

#1	2161.0	31325.	3998.4	98.709	2608.7
#2	2163.3	31393.	3994.4	98.763	2626.9

Sample Name: J4926-01MSD Acquired: 9/18/2018 19:43:49 Type: Unk
Method: P4-ICP2(v2440) 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	.91324	2.2087	1.0696	2.2326	.86130	2.2245	.26187
Stddev	.00059	.0051	.0018	.0132	.00058	.0010	.00074
%RSD	.06442	.22944	.16460	.59072	.06718	.04691	.28169

#1	.91283	2.2051	1.0683	2.2419	.86171	2.2238	.26239
#2	.91366	2.2123	1.0708	2.2232	.86089	2.2253	.26135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21951	.22352	8.0001	.50395	.22002	.70559	3.5942
Stddev	.00045	.00011	.0544	.00150	.00028	.00117	.0598
%RSD	.20460	.04810	.67978	.29732	.12838	.16563	1.6641

#1	.21919	.22345	7.9617	.50289	.22022	.70642	3.5519
#2	.21983	.22360	8.0386	.50501	.21982	.70476	3.6365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24707	4.6644	.57184	.07747	49.551	.34722	.25437
Stddev	.00008	.0151	.00033	.00017	.193	.00164	.00279
%RSD	.03261	.32433	.05751	.22309	.38855	.47243	1.0980

#1	.24713	4.6751	.57207	.07735	49.415	.34606	.25240
#2	.24701	4.6537	.57160	.07760	49.687	.34838	.25635

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.609	.47907	.40014	2.8678	8.1467	.75442	.24259
Stddev	.121	.00082	.00198	.0061	.0659	.00012	.00342
%RSD	.88886	.17015	.49374	.21236	.80894	.01564	1.4094

#1	13.523	.47965	.39874	2.8635	8.1001	.75434	.24017
#2	13.695	.47849	.40153	2.8721	8.1933	.75450	.24501

Sample Name: J4926-01MSD Acquired: 9/18/2018 19:43:49 Type: Unk
Method: P4-ICP2(v2440) 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	1.9770	6.077	.26730	<.00000	F<.00000
Stddev	.0008	.010	.00154	.04520	.88728
%RSD	.03816	.1635	.57437	245.03	10.973

#1	1.9776	6.070	.26621	.01351	-7.4583
#2	1.9765	6.084	.26838	-.05040	-8.7131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.3	31526.	4006.4	100.55	2627.0
Stddev	16.1	66.	12.5	.81	6.0
%RSD	.74367	.20900	.31120	.80697	.22957

#1	2157.9	31479.	4015.2	101.13	2622.7
#2	2180.8	31572.	3997.5	99.980	2631.2

Sample Name: J4926-01A Acquired: 9/18/2018 19:47:40 Type: Unk
Method: P4-ICP2(v2440) 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	.90259	2.1948	1.0613	2.2125	.85438	2.2056	.26054
Stddev	.00369	.0087	.0039	.0039	.00219	.0167	.00036
%RSD	.40923	.39533	.37166	.17830	.25582	.75714	.13876

#1	.89998	2.2009	1.0585	2.2098	.85284	2.1938	.26079
#2	.90520	2.1887	1.0640	2.2153	.85593	2.2174	.26028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21885	.22283	8.0210	.50535	.21942	.70083	3.6320
Stddev	.00030	.00004	.0084	.00169	.00018	.00075	.0363
%RSD	.13575	.01872	.10448	.33355	.08399	.10646	1.0004

#1	.21906	.22286	8.0151	.50416	.21955	.70136	3.6063
#2	.21864	.22280	8.0270	.50654	.21929	.70030	3.6577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24643	4.5514	.57075	.07797	49.629	.34829	.25618
Stddev	.00017	.0084	.00095	.00064	.252	.00417	.00294
%RSD	.06871	.18468	.16644	.81870	.50780	1.1981	1.1467

#1	.24631	4.5573	.57142	.07842	49.451	.35124	.25411
#2	.24655	4.5454	.57008	.07752	49.807	.34534	.25826

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.563	.47578	.39822	2.8591	8.1151	.75425	.24018
Stddev	.053	.00013	.00714	.0071	.0559	.00279	.00159
%RSD	.39408	.02627	1.7922	.24834	.68890	.36939	.66382

#1	13.525	.47587	.39318	2.8541	8.0755	.75622	.24131
#2	13.601	.47570	.40327	2.8641	8.1546	.75228	.23906

Sample Name: J4926-01A Acquired: 9/18/2018 19:47:40 Type: Unk
Method: P4-ICP2(v2440) 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	1.9673	6.066	.26787	.00237	F<.00000
Stddev	.0120	.006	.00100	.43604	1.2099
%RSD	.61051	.1027	.37411	18382.	11.601

#1	1.9588	6.062	.26716	.31070	-9.5732
#2	1.9758	6.071	.26858	-.30596	-11.284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.2	31566.	4008.7	99.512	2627.1
Stddev	4.4	99.	1.9	.813	8.5
%RSD	.20185	.31387	.04798	.81727	.32337

#1	2171.1	31496.	4010.1	100.09	2621.1
#2	2177.3	31636.	4007.4	98.937	2633.1

Sample Name: J4926-02 Acquired: 9/18/2018 19:51:31 Type: Unk
Method: P4-ICP2(v2440) 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	.00249	-.00022	-.00035	.00032	-.00165	-.00675	.04129	-.00007
Stddev	.00139	.00059	.00051	.00052	.00044	.00475	.00066	.00004
%RSD	55.748	270.29	147.00	162.66	26.813	70.437	1.5921	46.916

#1	.00347	.00020	.00001	-.00005	-.00134	-.00339	.04083	-.00005
#2	.00151	-.00064	-.00071	.00068	-.00197	-.01011	.04176	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	12.260	.00041	.00002	.01282	-.00520	.01520	3.8488
Stddev	.00005	.014	.00030	.00007	.00072	.00689	.00015	.0737
%RSD	33.453	.11277	72.715	441.95	5.5813	132.40	.96592	1.9139

#1	-.00017	12.250	.00020	.00006	.01232	-.00033	.01510	3.9009
#2	-.00010	12.270	.00062	-.00003	.01333	-.01008	.01531	3.7967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	-.00044	42.607	.00018	.02261	2.1255	.00025	.05577
Stddev	.00011	.00004	.201	.00011	.00010	.0369	.00019	.00392
%RSD	6.3474	8.7450	.47117	63.429	.43986	1.7350	78.207	7.0321

#1	.00188	-.00046	42.465	.00026	.02254	2.0994	.00039	.05855
#2	.00172	-.00041	42.749	.00010	.02268	2.1516	.00011	.05300

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0773	8.3054	-.00266	.00070	-.03927	.0034	.08985	<.00000
Stddev	.0129	.0970	.00069	.00147	.01124	.0008	.00034	.73634
%RSD	.18243	1.1675	25.898	209.66	28.618	24.78	.37731	118.63

#1	7.0864	8.2368	-.00314	.00174	-.03133	.0028	.09009	-.10005
#2	7.0681	8.3739	-.00217	-.00034	-.04722	.0040	.08961	-1.1414

Sample Name: J4926-02 Acquired: 9/18/2018 19:51:31 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.1136
Stddev .1536
%RSD 2.5121

#1 6.0050
#2 6.2222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.0	31652.	4037.0	100.49	2665.6
Stddev	.6	116.	30.3	.47	2.5
%RSD	.02650	.36726	.74944	.46767	.09475

#1	2183.4	31570.	4058.4	100.83	2663.8
#2	2182.6	31734.	4015.6	100.16	2667.4

Sample Name: J4926-03 Acquired: 9/18/2018 19:55:33 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00244	.00113	.00615	-.00575	-.01655	.19008	.00002
Stddev	.00084	.00363	.00010	.00251	.00207	.00165	.00026	.00005
%RSD	169.35	148.62	9.3217	40.792	35.998	9.9736	.13928	186.23

#1	-.00109	-.00501	.00105	.00438	-.00428	-.01538	.19026	-.00001
#2	.00010	.00012	.00120	.00792	-.00721	-.01772	.18989	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15758	69.492	.01524	-.00047	.01504	-.03723	.00154	12.280
Stddev	.00013	.136	.00029	.00025	.00039	.00912	.00012	.048
%RSD	.08447	.19571	1.8994	52.102	2.6129	24.489	7.6143	.39041

#1	.15749	69.588	.01545	-.00065	.01532	-.04368	.00145	12.247
#2	.15767	69.395	.01504	-.00030	.01477	-.03079	.00162	12.314

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	.00012	190.53	.00041	.09889	7.0093	.00014	.03635
Stddev	.00001	.00090	.16	.00003	.00038	.0061	.00007	.00949
%RSD	.39849	766.09	.08264	7.3131	.38366	.08687	50.678	26.105

#1	.00185	.00075	190.64	.00043	.09862	7.0136	.00019	.04306
#2	.00184	-.00052	190.42	.00039	.09916	7.0050	.00009	.02964

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5557	6.0188	-.00167	.00222	-.02373	.0030	.47870	2.7119
Stddev	.0230	.0547	.00005	.00059	.00735	.0003	.00200	.2351
%RSD	.26843	.90951	2.6883	26.775	30.975	8.282	.41821	8.6685

#1	8.5395	6.0575	-.00164	.00264	-.01853	.0029	.48012	2.5457
#2	8.5720	5.9801	-.00171	.00180	-.02892	.0032	.47729	2.8782

Sample Name: J4926-03 Acquired: 9/18/2018 19:55:33 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.706
Stddev 1.863
%RSD 13.595

#1 12.389
#2 15.024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.1	30078.	4004.2	98.238	2446.7
Stddev	7.0	28.	29.3	.163	1.3
%RSD	.33316	.09407	.73128	.16625	.05284

#1	2091.2	30098.	3983.5	98.353	2445.7
#2	2101.1	30058.	4024.9	98.122	2447.6

Sample Name: J4926-04 Acquired: 9/18/2018 19:59:39 Type: Unk
Method: P4-ICP2(v2440) 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	-.00166	-.00163	-.00065	-.00216	-.00216	.00279	.01837	-.00008
Stddev	.00484	.00031	.00025	.00015	.00052	.00376	.00005	.00003
%RSD	292.49	18.956	38.723	7.1252	24.072	134.69	.29117	35.997

#1	.00177	-.00141	-.00083	-.00205	-.00253	.00545	.01833	-.00011
#2	-.00508	-.00185	-.00047	-.00227	-.00179	.00013	.01841	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	5.6058	.00292	.00028	.01639	.00549	.01756	1.8473
Stddev	.00010	.0162	.00007	.00015	.00039	.00071	.00006	.0667
%RSD	48.881	.28968	2.2563	55.864	2.3957	13.019	.34090	3.6093

#1	-.00027	5.6172	.00296	.00017	.01611	.00599	.01760	1.8002
#2	-.00013	5.5943	.00287	.00039	.01666	.00498	.01751	1.8945

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	.00044	18.512	.00015	.03434	1.7991	.00004	.03730
Stddev	.00009	.00001	.069	.00020	.00011	.0198	.00030	.00284
%RSD	2.0042	1.5284	.37182	131.41	.33333	1.1013	831.61	7.6035

#1	.00425	.00044	18.463	.00029	.03426	1.7851	.00025	.03930
#2	.00437	.00043	18.560	.00001	.03442	1.8131	-.00018	.03529

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9284	6.1061	-.00183	.00354	-.04465	.0004	.05720	<.00000
Stddev	.0348	.0069	.00041	.00308	.00605	.0003	.00037	.16566
%RSD	.70559	.11212	22.301	87.001	13.541	68.03	.64640	17.656

#1	4.9529	6.1109	-.00154	.00572	-.04037	.0006	.05694	-1.0554
#2	4.9038	6.1013	-.00212	.00136	-.04892	.0002	.05746	-.82111

Sample Name: J4926-04 Acquired: 9/18/2018 19:59:39 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7479
Stddev .4564
%RSD 12.176

#1 4.0706
#2 3.4252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.4	32031.	4063.4	101.54	2736.2
Stddev	12.4	131.	17.0	.63	12.1
%RSD	.56227	.40999	.41727	.61644	.44354

#1	2192.6	31939.	4051.4	101.09	2727.6
#2	2210.1	32124.	4075.4	101.98	2744.8

Sample Name: J4926-05 Acquired: 9/18/2018 20:03:42 Type: Unk
Method: P4-ICP2(v2440) 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	.11924	-.00154	.00178	.00248	-.00262	5.0485	.01517	-.00005
Stddev	.00486	.00046	.00011	.00108	.00150	.0384	.00036	.00001
%RSD	4.0747	29.895	5.9667	43.576	57.471	.76169	2.3680	21.416

#1	.11581	-.00121	.00186	.00325	-.00368	5.0756	.01492	-.00005
#2	.12268	-.00187	.00171	.00172	-.00155	5.0213	.01543	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	2.5973	.00342	.00084	.01298	1.0156	.00417	.14938
Stddev	.00015	.0057	.00035	.00005	.00008	.0141	.00003	.03469
%RSD	172.72	.22043	10.125	6.0925	.61558	1.3923	.66785	23.224

#1	-.00019	2.5933	.00318	.00087	.01293	1.0256	.00419	.12485
#2	.00002	2.6014	.00367	.00080	.01304	1.0056	.00415	.17391

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00684	.00004	86.414	.03962	.02295	1.4688	.02239	.14170
Stddev	.00026	.00029	.448	.00066	.00011	.0023	.00020	.01062
%RSD	3.8007	687.72	.51886	1.6723	.47231	.15542	.88408	7.4944

#1	.00666	-.00017	86.731	.03916	.02287	1.4704	.02253	.13419
#2	.00702	.00025	86.097	.04009	.02303	1.4672	.02225	.14921

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9976	8.4342	-.00175	.09932	-.01888	.6788	.06208	<.00000
Stddev	.0026	.0554	.00011	.00003	.00635	.0037	.00024	.62775
%RSD	.04261	.65647	6.2226	.03118	33.602	.5508	.39421	66.723

#1	5.9957	8.4734	-.00183	.09930	-.02337	.6814	.06225	-1.3847
#2	5.9994	8.3950	-.00167	.09934	-.01440	.6761	.06191	-.49693

Sample Name: J4926-05 Acquired: 9/18/2018 20:03:42 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7254
Stddev 1.8186
%RSD 48.817

#1 5.0114
#2 2.4394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.6	31580.	4058.1	98.739	2629.9
Stddev	13.3	118.	2.7	.595	11.0
%RSD	.60756	.37330	.06581	.60223	.41813

#1	2177.2	31497.	4056.2	98.318	2622.1
#2	2196.0	31663.	4060.0	99.159	2637.7

Sample Name: CCV09 Acquired: 9/18/2018 20:07:44 Type: Unk
Method: P4-ICP2(v2440) 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	5.0557	4.9648	4.9894	5.0804	4.9882	9.9097	10.193	.25591
Stddev	.0047	.0125	.0004	.0100	.0035	.0234	.078	.00084
%RSD	.09220	.25153	.00841	.19641	.07012	.23581	.76519	.32805

#1	5.0524	4.9737	4.9897	5.0875	4.9907	9.9263	10.138	.25532
#2	5.0590	4.9560	4.9891	5.0734	4.9857	9.8932	10.248	.25651

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5190	26.470	1.0655	2.5159	1.2787	5.0401	2.5575	26.070
Stddev	.0047	.045	.0026	.0035	.0030	.0618	.0012	.060
%RSD	.18482	.16878	.24384	.13965	.23534	1.2264	.04677	.23120

#1	2.5223	26.502	1.0636	2.5184	1.2808	4.9964	2.5566	26.027
#2	2.5158	26.439	1.0673	2.5134	1.2765	5.0838	2.5583	26.112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5402	1.2362	25.438	2.5067	2.6357	26.080	5.0752	5.0622
Stddev	.0062	.0014	.168	.0013	.0492	.139	.0049	.0459
%RSD	.24384	.10891	.66155	.04996	1.8651	.53146	.09690	.90593

#1	2.5446	1.2371	25.319	2.5058	2.6010	25.982	5.0787	5.0298
#2	2.5359	1.2352	25.557	2.5075	2.6705	26.178	5.0717	5.0946

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9091	5.0327	5.0221	5.1763	4.7196	5.150	5.0969	F .02639
Stddev	.0081	.0522	.0116	.0087	.0132	.020	.0322	.34878
%RSD	.16586	1.0382	.22995	.16793	.27948	.3867	.63137	1321.6

#1	4.9149	4.9958	5.0302	5.1702	4.7102	5.164	5.0742	.27302
#2	4.9033	5.0697	5.0139	5.1825	4.7289	5.136	5.1197	-.22023

Sample Name: CCV09 Acquired: 9/18/2018 20:07:44 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.6541
Stddev 1.1313
%RSD 20.009

#1 4.8541
#2 6.4541

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.5	31716.	4092.7	99.650	2543.8
Stddev	7.2	11.	24.5	1.712	10.6
%RSD	.32465	.03537	.59839	1.7182	.41804

#1	2211.4	31708.	4110.0	100.86	2536.3
#2	2221.6	31724.	4075.4	98.439	2551.3

Sample Name: CCB09 Acquired: 9/18/2018 20:11:30 Type: Unk
Method: P4-ICP2(v2440) 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	.00011	.00034	-.00122	.00142	-.00235	-.01679	.00121
Stddev	.00446	.00000	.00110	.00179	.00168	.00395	.00051
%RSD	4080.9	.03396	90.494	126.46	71.312	23.541	41.967

#1	.00327	.00034	-.00044	.00269	-.00117	-.01399	.00085
#2	-.00305	.00034	-.00199	.00015	-.00354	-.01958	.00157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00013	.01148	-.00020	-.00018	.00139	-.01295
Stddev	.00006	.00001	.00072	.00008	.00005	.00013	.00302
%RSD	457.78	6.5966	6.2427	40.033	26.500	9.1279	23.336

#1	.00003	-.00014	.01198	-.00026	-.00015	.00130	-.01082
#2	-.00006	-.00012	.01097	-.00014	-.00022	.00148	-.01509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.03650	.00109	.00045	-.07349	.00029	-.00015
Stddev	.00002	.03644	.00059	.00090	.00234	.00003	.00017
%RSD	21.320	99.844	53.747	200.32	3.1904	11.225	115.42

#1	-.00007	-.01073	.00151	-.00019	-.07183	.00027	-.00027
#2	-.00009	-.06226	.00068	.00108	-.07514	.00031	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11463	.00081	-.00679	-.00703	-.00017	-.00002	.00053
Stddev	.01471	.00024	.00114	.00141	.00164	.00029	.00007
%RSD	12.829	30.230	16.749	20.113	971.09	1681.9	12.716

#1	.10423	.00098	-.00759	-.00603	-.00133	-.00022	.00048
#2	.12502	.00063	-.00598	-.00803	.00099	.00019	.00057

Sample Name: CCB09 Acquired: 9/18/2018 20:11:30 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.05361	.0009	.00002	F<.00000	F 1.9610
Stddev	.00379	.0019	.00004	.43904	1.7326
%RSD	7.0644	219.4	245.14	28.316	88.351

#1	-.05629	-.0005	-.00001	-1.2401	.73590
#2	-.05094	.0023	.00005	-1.8610	3.1861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.1	32614.	4045.4	101.44	2837.2
Stddev	1.9	58.	30.7	1.26	4.2
%RSD	.08376	.17900	.75829	1.2415	.14755

#1	2278.7	32573.	4023.7	102.33	2834.2
#2	2281.4	32656.	4067.1	100.55	2840.2

Sample Name: J4926-06 Acquired: 9/18/2018 20:15:35 Type: Unk
Method: P4-ICP2(v2440) 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	.00106	-.00021	-.00023	.00375	-.00402	-.00827	.05705	-.00005
Stddev	.00193	.00081	.00130	.00358	.00199	.00167	.00016	.00006
%RSD	182.14	388.67	576.32	95.382	49.435	20.222	.27835	112.99

#1	-.00030	-.00078	.00070	.00628	-.00261	-.00945	.05716	-.00001
#2	.00242	.00037	-.00115	.00122	-.00542	-.00709	.05694	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	28.470	.00018	-.00028	.00208	-.00208	.00322	9.3978
Stddev	.00008	.069	.00005	.00017	.00034	.00898	.00005	.1175
%RSD	26.819	.24361	24.947	61.169	16.153	430.92	1.4743	1.2499

#1	-.00024	28.519	.00022	-.00040	.00231	.00427	.00325	9.3147
#2	-.00036	28.421	.00015	-.00016	.00184	-.00843	.00318	9.4808

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00012	71.428	-.00013	.02015	3.0153	.00030	.08026
Stddev	.00026	.00060	.453	.00007	.00079	.0552	.00047	.00520
%RSD	17.243	502.08	.63440	50.584	3.9268	1.8317	154.31	6.4790

#1	.00130	-.00055	71.748	-.00008	.02071	3.0543	.00063	.08394
#2	.00166	.00031	71.107	-.00018	.01959	2.9762	-.00003	.07658

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5903	8.5687	-.00085	.00429	-.01366	-.0010	.19923	.23086
Stddev	.0227	.0926	.00112	.00195	.00747	.0002	.00054	.40622
%RSD	.40577	1.0813	131.98	45.456	54.657	21.41	.26992	175.96

#1	5.6064	8.6342	-.00164	.00291	-.01894	-.0009	.19961	.51811
#2	5.5743	8.5032	-.00006	.00567	-.00838	-.0012	.19885	-.05638

Sample Name: J4926-06 Acquired: 9/18/2018 20:15:35 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4932
Stddev .3364
%RSD 4.4900

#1 7.7311
#2 7.2553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.9	31257.	4058.3	99.240	2610.6
Stddev	11.5	76.	51.5	3.791	13.6
%RSD	.53124	.24274	1.2685	3.8200	.52051

#1	2153.8	31203.	4021.9	96.560	2601.0
#2	2170.0	31311.	4094.7	101.92	2620.2

Sample Name: J4926-07 Acquired: 9/18/2018 20:19:37 Type: Unk
Method: P4-ICP2(v2440) 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	-.00441	.00052	-.00077	-.00033	-.00173	-.00967	.01988
Stddev	.00227	.00087	.00075	.00382	.00050	.01909	.00020
%RSD	51.499	167.52	97.003	1141.8	28.938	197.48	1.0127

#1	-.00280	.00113	-.00024	.00237	-.00138	-.02317	.01974
#2	-.00601	-.00010	-.00130	-.00304	-.00209	.00383	.02003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00017	5.6596	.00083	.00020	.05860	-.01347
Stddev	.00007	.00006	.0381	.00036	.00014	.00005	.00741
%RSD	316.84	34.952	.67360	43.233	71.070	.08429	55.004

#1	.00003	-.00021	5.6327	.00109	.00031	.05864	-.01871
#2	-.00007	-.00012	5.6866	.00058	.00010	.05857	-.00823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01808	1.8830	.00271	-.00006	19.110	-.00025	.03038
Stddev	.00017	.0107	.00035	.00040	.025	.00018	.00035
%RSD	.93968	.56707	12.934	656.50	.13025	70.798	1.1616

#1	.01796	1.8754	.00246	-.00034	19.128	-.00037	.03063
#2	.01820	1.8905	.00296	.00022	19.093	-.00012	.03013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8297	.00015	.04688	5.0800	6.3122	-.00243	.00158
Stddev	.0300	.00003	.00023	.0100	.0062	.00015	.00151
%RSD	1.6398	18.959	.49824	.19657	.09884	6.2246	95.630

#1	1.8085	.00016	.04672	5.0730	6.3077	-.00232	.00051
#2	1.8509	.00013	.04705	5.0871	6.3166	-.00254	.00265

Sample Name: J4926-07 Acquired: 9/18/2018 20:19:37 Type: Unk
Method: P4-ICP2(v2440) 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	-.03659	.0014	.05899	F<.00000	4.6276
Stddev	.00088	.0002	.00037	.11986	.4187
%RSD	2.4090	11.82	.63397	10.220	9.0471

#1	-.03596	.0013	.05872	-1.0881	4.9236
#2	-.03721	.0015	.05925	-1.2576	4.3316

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.3	32262.	4085.9	102.19	2760.6
Stddev	12.3	103.	19.8	1.28	7.6
%RSD	.55519	.31789	.48417	1.2530	.27690

#1	2206.6	32190.	4072.0	101.28	2755.2
#2	2224.0	32335.	4099.9	103.09	2766.0

Sample Name: J4926-08 Acquired: 9/18/2018 20:23:40 Type: Unk
Method: P4-ICP2(v2440) 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	-.00246	-.00114	-.00010	-.00075	-.00338	.30668	.03310	.00020
Stddev	.00412	.00146	.00068	.00266	.00159	.01016	.00045	.00002
%RSD	167.65	127.69	665.85	354.46	47.083	3.3125	1.3628	9.2198

#1	-.00537	-.00217	.00038	-.00263	-.00451	.31387	.03278	.00019
#2	.00046	-.00011	-.00059	.00113	-.00226	.29950	.03342	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	13.517	.00059	.00170	.01815	1.5937	.28082	2.8596
Stddev	.00013	.030	.00015	.00004	.00004	.0243	.00218	.0018
%RSD	69.338	.21904	24.793	2.6295	.24211	1.5254	.77597	.06112

#1	-.00009	13.496	.00069	.00173	.01812	1.5765	.27928	2.8608
#2	-.00027	13.537	.00048	.00167	.01818	1.6109	.28237	2.8583

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	-.00000	91.484	.00012	.03473	2.2461	.00031	.02872
Stddev	.00017	.00057	.960	.00023	.00014	.0725	.00040	.00843
%RSD	8.4387	19003.	1.0498	198.04	.39351	3.2289	129.32	29.349

#1	.00219	.00040	92.164	-.00005	.03463	2.2973	.00059	.02276
#2	.00195	-.00041	90.805	.00028	.03482	2.1948	.00003	.03468

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8328	4.6121	-.00271	.00148	-.03537	.0012	.10033	<.00000
Stddev	.0316	.0302	.00078	.00024	.01011	.0025	.00020	.11218
%RSD	.32131	.65408	28.736	16.010	28.572	213.7	.20359	27.293

#1	9.8552	4.6335	-.00326	.00165	-.02822	.0029	.10018	-.49036
#2	9.8105	4.5908	-.00216	.00132	-.04251	-.0006	.10047	-.33171

Sample Name: J4926-08 Acquired: 9/18/2018 20:23:40 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6215
 Stddev 1.7821
 %RSD 26.913

#1 5.3614
 #2 7.8816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.4	31571.	4103.3	99.855	2620.8
Stddev	9.4	27.	41.8	.161	7.9
%RSD	.43256	.08491	1.0189	.16088	.30176

#1	2176.7	31552.	4073.7	99.968	2615.2
#2	2190.1	31590.	4132.8	99.741	2626.3

Sample Name: J4926-09 Acquired: 9/18/2018 20:27:42 Type: Unk
Method: P4-ICP2(v2440) 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	-.00291	-.00055	-.00140	.00328	-.00257	-.00422	.00555	-.00010
Stddev	.00128	.00194	.00051	.00051	.00084	.00011	.00052	.00003
%RSD	44.158	355.74	36.211	15.712	32.766	2.5398	9.3462	31.090

#1	-.00200	-.00192	-.00176	.00291	-.00198	-.00430	.00519	-.00007
#2	-.00382	.00083	-.00104	.00364	-.00317	-.00414	.00592	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	8.4272	.00820	-.00044	.02462	.00928	.00309	1.0846
Stddev	.00007	.0313	.00005	.00002	.00033	.01480	.00013	.0376
%RSD	30.816	.37078	.65259	4.1080	1.3537	159.55	4.1919	3.4617

#1	-.00018	8.4051	.00824	-.00043	.02438	.01974	.00300	1.0581
#2	-.00028	8.4493	.00816	-.00045	.02485	-.00119	.00319	1.1111

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	.00033	73.212	.00047	.02460	1.3398	.00018	.02450
Stddev	.00011	.00021	.883	.00029	.00021	.0688	.00019	.00476
%RSD	4.7335	64.315	1.2067	62.504	.85460	5.1311	105.58	19.423

#1	.00220	.00048	73.837	.00068	.02475	1.3884	.00005	.02787
#2	.00235	.00018	72.588	.00026	.02445	1.2912	.00032	.02114

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.024	3.8729	-.00447	.00354	-.02124	.0097	.07164	<.00000
Stddev	.067	.0324	.00023	.00199	.00926	.0017	.00024	.22647
%RSD	.47766	.83705	5.0505	56.142	43.616	17.19	.33509	26.001

#1	14.071	3.8958	-.00463	.00213	-.02779	.0109	.07181	-.71086
#2	13.976	3.8499	-.00431	.00494	-.01469	.0085	.07147	-1.0311

Sample Name: J4926-09 Acquired: 9/18/2018 20:27:42 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2989
 Stddev .7247
 %RSD 11.504

#1 5.7865
 #2 6.8113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.5	31732.	4097.5	102.34	2661.0
Stddev	20.3	112.	65.3	1.42	23.5
%RSD	.92390	.35249	1.5935	1.3896	.88432

#1	2179.2	31653.	4051.3	101.33	2644.3
#2	2207.8	31811.	4143.7	103.34	2677.6

Sample Name: J4926-10 Acquired: 9/18/2018 20:31:45 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	-.00148	-.00016	.00330	-.00219	-.01235	.10242	.00002
Stddev	.00048	.00013	.00101	.00114	.00111	.00743	.00017	.00003
%RSD	33.721	8.8907	618.06	34.561	50.562	60.150	.16524	123.42

#1	-.00109	-.00139	.00055	.00250	-.00297	-.01761	.10254	.00005
#2	-.00178	-.00158	-.00088	.00411	-.00141	-.00710	.10230	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	37.755	.00172	-.00013	.07948	.00052	.02940	13.324
Stddev	.00003	.036	.00003	.00002	.00069	.01043	.00009	.048
%RSD	14.494	.09485	1.7234	18.113	.87209	2015.5	.29453	.35897

#1	-.00019	37.781	.00174	-.00014	.07997	-.00685	.02946	13.358
#2	-.00016	37.730	.00170	-.00011	.07899	.00789	.02934	13.291

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	.00042	48.435	.00038	.03689	2.9251	.00005	.06349
Stddev	.00025	.00033	.141	.00006	.00045	.0244	.00033	.00781
%RSD	4.2103	77.532	.29030	16.750	1.2285	.83430	673.82	12.298

#1	.00580	.00065	48.534	.00043	.03721	2.9423	-.00019	.06901
#2	.00616	.00019	48.335	.00034	.03657	2.9078	.00029	.05797

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.842	8.8114	-.00379	-.00061	-.03541	.0002	.39287	.32100
Stddev	.040	.0163	.00068	.00144	.00678	.0013	.00126	.14999
%RSD	.20973	.18518	17.939	237.53	19.153	626.9	.32107	46.726

#1	18.814	8.8229	-.00331	.00041	-.04020	.0011	.39376	.21494
#2	18.870	8.7998	-.00427	-.00162	-.03061	-.0007	.39198	.42706

Sample Name: J4926-10 Acquired: 9/18/2018 20:31:45 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.8489
Stddev 2.4850
%RSD 36.284

#1 8.6061
#2 5.0917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.1	31587.	4096.2	99.882	2624.8
Stddev	7.7	165.	25.8	1.623	7.6
%RSD	.35415	.52176	.62937	1.6249	.28849

#1	2157.7	31470.	4077.9	98.734	2619.4
#2	2168.5	31703.	4114.4	101.03	2630.1

Sample Name: J4926-11 Acquired: 9/18/2018 20:35:47 Type: Unk
Method: P4-ICP2(v2440) 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	-.00403	-.00066	-.00140	.00460	-.00433	-.01160	.05290	-.00005
Stddev	.00196	.00027	.00119	.00268	.00006	.00086	.00059	.00004
%RSD	48.582	41.023	84.992	58.314	1.2844	7.4125	1.1204	70.206

#1	-.00541	-.00047	-.00225	.00649	-.00437	-.01099	.05248	-.00008
#2	-.00265	-.00085	-.00056	.00270	-.00429	-.01221	.05332	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	23.332	.00268	-.00016	.03890	.05881	.00622	4.7669
Stddev	.00004	.037	.00001	.00009	.00027	.00473	.00001	.0365
%RSD	18.190	.15883	.49361	52.317	.69460	8.0423	.10534	.76505

#1	-.00023	23.358	.00267	-.00010	.03870	.06215	.00621	4.7411
#2	-.00017	23.306	.00269	-.00022	.03909	.05546	.00622	4.7927

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01077	.00068	26.615	.00006	.02240	5.6453	.00069	.10650
Stddev	.00033	.00048	.003	.00016	.00039	.0263	.00003	.01223
%RSD	3.0205	70.214	.01225	260.18	1.7599	.46564	5.0025	11.487

#1	.01100	.00034	26.612	-.00005	.02213	5.6639	.00071	.09785
#2	.01054	.00102	26.617	.00018	.02268	5.6267	.00067	.11515

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4111	3.3755	-.00224	.00111	-.06154	-.0003	.19411	<.00000
Stddev	.0223	.0032	.00017	.00074	.01150	.0018	.00042	.34847
%RSD	.30112	.09607	7.4293	66.329	18.694	587.5	.21567	54.816

#1	7.3953	3.3732	-.00236	.00059	-.05340	-.0016	.19441	-.38931
#2	7.4269	3.3778	-.00212	.00163	-.06967	.0010	.19381	-.88213

Sample Name: J4926-11 Acquired: 9/18/2018 20:35:47 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8377
Stddev 1.5193
%RSD 31.406

#1 5.9120
#2 3.7634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.2	32234.	4133.4	103.85	2728.0
Stddev	16.6	109.	1.2	.82	13.9
%RSD	.74803	.33687	.03022	.79430	.51048

#1	2211.4	32157.	4132.5	104.43	2718.2
#2	2235.0	32310.	4134.3	103.27	2737.9

Sample Name: J4926-12 Acquired: 9/18/2018 20:39:50 Type: Unk
Method: P4-ICP2(v2440) 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	-.00535	-.00044	-.00062	.00623	-.00376	-.00098	.07919
Stddev	.00124	.00243	.00066	.00450	.00030	.00043	.00557
%RSD	23.176	546.49	106.26	72.277	8.0926	43.736	7.0303

#1	-.00622	-.00216	-.00015	.00941	-.00397	-.00068	.08313
#2	-.00447	.00127	-.00108	.00305	-.00354	-.00128	.07525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00010	20.201	.03532	.00069	.03538	-.01292
Stddev	.00004	.00006	1.410	.00084	.00020	.00105	.00701
%RSD	309.76	56.715	6.9810	2.3688	28.733	2.9566	54.222

#1	-.00002	-.00014	21.198	.03591	.00055	.03612	-.01787
#2	.00004	-.00006	19.203	.03473	.00082	.03464	-.00797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02108	7.2129	.00260	.00043	57.013	-.00002	.02462
Stddev	.00015	.4973	.00017	.00051	3.843	.00038	.00244
%RSD	.73263	6.8945	6.6757	120.64	6.7401	1679.5	9.9141

#1	.02119	7.5645	.00248	.00006	59.731	.00025	.02634
#2	.02097	6.8612	.00273	.00079	54.296	-.00029	.02289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5459	.00028	.06666	7.4422	6.7104	-.00147	.00126
Stddev	.3221	.00034	.00023	.0266	.4294	.00049	.00328
%RSD	7.0855	122.21	.34771	.35797	6.3992	33.219	259.75

#1	4.7737	.00052	.06649	7.4234	7.0141	-.00182	.00359
#2	4.3182	.00004	.06682	7.4610	6.4068	-.00113	-.00106

Sample Name: J4926-12 Acquired: 9/18/2018 20:39:50 Type: Unk
 Method: P4-ICP2(v2440) 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	-.04190	.0001	.20740	F<.00000	5.9536
Stddev	.00459	.0019	.01542	.40378	.9820
%RSD	10.957	1499.	7.4354	35.018	16.493

#1	-.03865	.0014	.21830	-.86755	6.6480
#2	-.04515	-.0012	.19650	-1.4386	5.2593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.4	32159.	4141.1	101.70	2667.1
Stddev	14.5	266.	262.4	9.19	14.3
%RSD	.66035	.82630	6.3374	9.0351	.53664

#1	2191.1	31971.	3955.5	95.201	2657.0
#2	2211.7	32347.	4326.6	108.20	2677.2

Sample Name: J4926-13 Acquired: 9/18/2018 20:43:52 Type: Unk
Method: P4-ICP2(v2440) 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	.00006	-.00064	-.00122	-.00051	-.00264	.01523	.03329	-.00004
Stddev	.00183	.00110	.00146	.00136	.00079	.00588	.00061	.00005
%RSD	2833.9	171.61	119.03	265.62	30.043	38.569	1.8455	115.89

#1	.00136	.00014	-.00225	.00045	-.00320	.01939	.03373	-.00008
#2	-.00123	-.00142	-.00019	-.00148	-.00208	.01108	.03286	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	12.954	.00062	.00010	.17771	-.00251	.00358	3.9775
Stddev	.00009	.057	.00037	.00001	.00047	.01195	.00005	.0710
%RSD	53.426	.44268	60.772	14.455	.26646	476.46	1.4773	1.7856

#1	-.00024	12.914	.00088	.00011	.17805	.00594	.00354	3.9273
#2	-.00011	12.995	.00035	.00009	.17738	-.01096	.00362	4.0278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	.00049	37.688	-.00006	.03215	1.9351	.00004	.04609
Stddev	.00004	.00040	.019	.00037	.00047	.0165	.00031	.00722
%RSD	1.8596	81.402	.05067	580.81	1.4682	.85547	736.15	15.671

#1	.00225	.00021	37.674	.00020	.03249	1.9234	-.00018	.05120
#2	.00231	.00078	37.701	-.00033	.03182	1.9468	.00026	.04099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1646	6.3026	.00062	.00233	-.04802	-.0000	.06546	<.00000
Stddev	.0153	.0470	.00022	.00251	.00881	.0027	.00009	1.1106
%RSD	.70478	.74627	35.764	107.56	18.351	955900.	.14230	202.66

#1	2.1538	6.2693	.00077	.00410	-.05426	-.0019	.06540	.23730
#2	2.1754	6.3358	.00046	.00056	-.04179	.0019	.06553	-1.3333

Sample Name: J4926-13 Acquired: 9/18/2018 20:43:52 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.8203
Stddev 1.9797
%RSD 29.026

#1 5.4205
#2 8.2202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.0	31934.	4104.1	102.60	2707.3
Stddev	2.8	56.	5.7	1.02	7.4
%RSD	.12812	.17464	.13774	.99738	.27477

#1	2206.0	31895.	4108.1	101.88	2712.5
#2	2202.0	31974.	4100.1	103.33	2702.0

Sample Name: J4926-14 Acquired: 9/18/2018 20:47:54 Type: Unk
Method: P4-ICP2(v2440) 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	.00007	-.00031	-.00014	.00274	-.00404	.00063	.11572	-.00001
Stddev	.00328	.00173	.00065	.00549	.00063	.00791	.00065	.00007
%RSD	4779.0	559.78	476.24	200.35	15.623	1250.6	.56106	495.75

#1	-.00225	-.00153	-.00060	.00662	-.00359	.00622	.11526	.00004
#2	.00239	.00091	.00032	-.00114	-.00448	-.00496	.11618	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	27.691	.00228	.00022	.11164	.01147	.00401	8.7588
Stddev	.00009	.010	.00041	.00017	.00043	.00101	.00000	.0409
%RSD	38.177	.03558	18.056	78.799	.38923	8.7795	.06418	.46655

#1	-.00031	27.698	.00198	.00010	.11133	.01218	.00401	8.7299
#2	-.00018	27.684	.00257	.00034	.11195	.01076	.00401	8.7877

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00043	44.099	-.00011	.02237	6.0837	.00013	.08367
Stddev	.00028	.00015	.197	.00082	.00033	.0239	.00057	.02268
%RSD	7.0778	35.054	.44616	768.45	1.4758	.39209	425.99	27.110

#1	.00380	.00054	44.238	-.00068	.02214	6.1005	.00053	.06763
#2	.00420	.00032	43.960	.00047	.02260	6.0668	-.00027	.09971

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6307	6.5948	-.00265	.00176	.22634	.0000	.69269	<.00000
Stddev	.0095	.0848	.00069	.00089	.00528	.0020	.00269	.11624
%RSD	.12477	1.2857	26.033	50.461	2.3315	36030.	.38785	21.747

#1	7.6374	6.6548	-.00216	.00113	.22260	-.0014	.69459	-.45232
#2	7.6240	6.5349	-.00314	.00239	.23007	.0014	.69079	-.61671

Sample Name: J4926-14 Acquired: 9/18/2018 20:47:54 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.5170
 Stddev 2.3343
 %RSD 42.311

#1 3.8664
 #2 7.1676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.0	31898.	4115.8	102.89	2661.6
Stddev	5.2	107.	44.4	.85	7.3
%RSD	.23557	.33527	1.0794	.82871	.27363

#1	2196.4	31822.	4084.4	103.50	2656.5
#2	2203.7	31974.	4147.3	102.29	2666.8

Sample Name: J4926-15 Acquired: 9/18/2018 20:51:57 Type: Unk
Method: P4-ICP2(v2440) 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	-.00067	-.00142	-.00078	.00353	-.00256	-.01272	.02013
Stddev	.00075	.00103	.00049	.00270	.00076	.00831	.00050
%RSD	112.57	72.701	62.008	76.584	29.859	65.309	2.4723

#1	-.00014	-.00215	-.00113	.00162	-.00202	-.00685	.01978
#2	-.00120	-.00069	-.00044	.00543	-.00310	-.01859	.02048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00017	5.3877	.00129	-.00012	.03911	-.00988
Stddev	.00001	.00010	.0208	.00012	.00009	.00046	.00231
%RSD	14.643	56.175	.38633	9.5056	73.102	1.1671	23.401

#1	-.00007	-.00010	5.3729	.00137	-.00006	.03943	-.00825
#2	-.00009	-.00024	5.4024	.00120	-.00019	.03879	-.01152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00362	1.6519	.00362	.00042	15.321	.00033	.02950
Stddev	.00003	.0136	.00040	.00004	.090	.00020	.00061
%RSD	.86778	.82388	11.069	9.6520	.58824	61.465	2.0828

#1	.00360	1.6423	.00333	.00045	15.257	.00019	.02907
#2	.00365	1.6616	.00390	.00039	15.385	.00048	.02994

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6741	.00035	.05149	3.7838	5.8275	-.00085	.00121
Stddev	.0199	.00026	.00728	.0207	.0664	.00075	.00068
%RSD	1.1854	75.623	14.140	.54696	1.1396	88.116	55.934

#1	1.6601	.00053	.04635	3.7985	5.7805	-.00138	.00168
#2	1.6882	.00016	.05664	3.7692	5.8745	-.00032	.00073

Sample Name: J4926-15 Acquired: 9/18/2018 20:51:57 Type: Unk
 Method: P4-ICP2(v2440) 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	-.04571	.0028	.04496	F<.00000	3.8801
Stddev	.00086	.0000	.00021	.23453	.1995
%RSD	1.8882	.4180	.45678	14.006	5.1410

#1	-.04632	.0028	.04481	-1.5087	4.0211
#2	-.04510	.0028	.04510	-1.8404	3.7390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.8	32537.	4119.1	101.99	2775.4
Stddev	20.9	164.	29.0	1.21	23.4
%RSD	.94043	.50413	.70443	1.1874	.84288

#1	2210.0	32421.	4139.7	102.85	2758.8
#2	2239.6	32653.	4098.6	101.13	2791.9

Sample Name: CCV10 Acquired: 9/18/2018 20:56:00 Type: Unk
Method: P4-ICP2(v2440) 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	4.9722	4.9108	4.9060	4.9955	4.9079	9.7960	10.037
Stddev	.0032	.0113	.0006	.0129	.0093	.0186	.135
%RSD	.06351	.23020	.01116	.25809	.19011	.19001	1.3435

#1	4.9700	4.9028	4.9057	5.0047	4.9013	9.7828	10.132
#2	4.9744	4.9188	4.9064	4.9864	4.9145	9.8091	9.9413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25429	2.4883	26.216	1.0669	2.4896	1.2632	5.0232
Stddev	.00324	.0007	.194	.0138	.0001	.0041	.0697
%RSD	1.2723	.02890	.73964	1.2953	.00553	.32668	1.3882

#1	.25657	2.4888	26.353	1.0767	2.4896	1.2661	4.9739
#2	.25200	2.4878	26.079	1.0571	2.4895	1.2603	5.0725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5322	25.804	2.5130	1.2306	25.077	2.5032	2.6200
Stddev	.0311	.028	.0066	.0137	.325	.0310	.0100
%RSD	1.2273	.10892	.26332	1.1169	1.2972	1.2369	.38284

#1	2.5541	25.784	2.5177	1.2403	25.307	2.5251	2.6270
#2	2.5102	25.824	2.5083	1.2208	24.847	2.4813	2.6129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.705	5.0189	5.0308	4.8344	5.0055	4.9776	5.1371
Stddev	.282	.0013	.0222	.0037	.0937	.0044	.0429
%RSD	1.0960	.02678	.44166	.07552	1.8712	.08927	.83540

#1	25.904	5.0180	5.0465	4.8318	5.0717	4.9808	5.1674
#2	25.506	5.0199	5.0151	4.8370	4.9393	4.9745	5.1067

Sample Name: CCV10 Acquired: 9/18/2018 20:56:00 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4631	5.103	5.0369	F<.00000	F 9.0389
Stddev	.0347	.008	.0715	.15142	.7441
%RSD	.77835	.1570	1.4187	27.206	8.2322
#1	4.4877	5.108	5.0874	-.66365	8.5128
#2	4.4386	5.097	4.9864	-.44951	9.5651
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.8	31892.	4131.8	99.895	2564.4
Stddev	4.5	462.	77.5	.550	6.0
%RSD	.20246	1.4499	1.8762	.55083	.23424
#1	2233.6	31565.	4077.0	99.506	2560.1
#2	2240.0	32219.	4186.6	100.28	2568.6

Sample Name: CCB10 Acquired: 9/18/2018 20:59:46 Type: Unk
Method: P4-ICP2(v2440) 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	.00143	-.00161	-.00242	-.00140	-.01736	.00125
Stddev	.00198	.00119	.00037	.00068	.00174	.00531	.00050
%RSD	199.41	82.919	23.011	27.907	124.76	30.609	40.065

#1	.00239	.00059	-.00135	-.00290	-.00263	-.02112	.00090
#2	-.00041	.00227	-.00188	-.00194	-.00016	-.01360	.00161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00018	-.00684	-.00022	-.00010	.00149	-.00953
Stddev	.00002	.00001	.01654	.00026	.00020	.00019	.00236
%RSD	79.116	6.9790	241.82	115.18	207.67	12.868	24.763

#1	-.00001	-.00017	-.01854	-.00041	.00005	.00163	-.00786
#2	-.00005	-.00019	.00486	-.00004	-.00024	.00136	-.01120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.08852	.00128	.00070	-.07495	-.00016	-.00020
Stddev	.00012	.02209	.00012	.00065	.01436	.00004	.00006
%RSD	490.87	24.949	9.1800	93.030	19.162	22.406	32.346

#1	.00006	-.10414	.00136	.00116	-.08511	-.00013	-.00024
#2	-.00011	-.07291	.00120	.00024	-.06479	-.00018	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12774	.00093	-.00125	-.00213	-.00029	.00010	.00053
Stddev	.00940	.00016	.01760	.00015	.00115	.00070	.00086
%RSD	7.3571	16.858	1410.3	6.8318	394.85	678.25	161.43

#1	.13439	.00104	.01120	-.00203	.00052	-.00039	.00114
#2	.12110	.00082	-.01370	-.00223	-.00110	.00060	-.00008

Sample Name: CCB10 Acquired: 9/18/2018 20:59:46 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.05136	-.0003	.00007	F<.00000	F 2.8057
Stddev	.00198	.0023	.00003	.24604	1.4443
%RSD	3.8477	813.8	40.755	10.227	51.479

#1	-.05275	.0013	.00005	-2.2319	3.8270
#2	-.04996	-.0019	.00009	-2.5798	1.7844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.8	33057.	4150.9	101.89	2865.8
Stddev	9.4	236.	8.0	.02	11.5
%RSD	.40879	.71388	.19350	.02156	.40089

#1	2296.1	32890.	4156.6	101.90	2857.7
#2	2309.4	33224.	4145.2	101.87	2873.9

Sample Name: J4926-16 Acquired: 9/18/2018 21:03:51 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00026	-.00220	-.00016	-.00306	.01282	.03630
Stddev	.00040	.00040	.00036	.00234	.00071	.01101	.00094
%RSD	22.648	154.11	16.505	1505.5	23.267	85.846	2.5835

#1	-.00204	-.00002	-.00246	.00150	-.00356	.02061	.03696
#2	-.00148	.00054	-.00195	-.00181	-.00256	.00504	.03564

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00016	9.6921	.00921	-.00026	.03094	.10940
Stddev	.00002	.00006	.1061	.00042	.00007	.00024	.00290
%RSD	162.51	40.285	1.0949	4.5309	26.887	.76832	2.6546

#1	.00000	-.00020	9.7671	.00892	-.00031	.03111	.10734
#2	-.00003	-.00011	9.6171	.00951	-.00021	.03077	.11145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00689	2.7520	.01003	-.00011	11.629	-.00011	.03198
Stddev	.00015	.0265	.00058	.00010	.222	.00003	.00030
%RSD	2.2456	.96290	5.7731	91.376	1.9092	26.738	.93023

#1	.00678	2.7332	.01043	-.00017	11.786	-.00013	.03219
#2	.00700	2.7707	.00962	-.00004	11.472	-.00009	.03177

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96005	.00091	.01943	2.3174	3.2569	-.00033	.00347
Stddev	.02312	.00027	.00647	.0033	.0439	.00038	.00224
%RSD	2.4081	29.306	33.268	.14329	1.3485	115.18	64.698

#1	.97639	.00072	.01486	2.3151	3.2880	-.00060	.00188
#2	.94370	.00110	.02401	2.3198	3.2259	-.00006	.00506

Sample Name: J4926-16 Acquired: 9/18/2018 21:03:51 Type: Unk
 Method: P4-ICP2(v2440) 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	-.05558	.0013	.09577	F<.00000	5.4322
Stddev	.00245	.0006	.00149	.28313	1.6856
%RSD	4.4103	49.71	1.5540	18.115	31.029

#1	-.05731	.0008	.09682	-1.3628	4.2403
#2	-.05384	.0017	.09471	-1.7632	6.6241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.3	32589.	4138.5	100.90	2771.4
Stddev	.3	35.	79.4	1.16	1.0
%RSD	.01413	.10851	1.9189	1.1530	.03655

#1	2222.1	32564.	4082.4	100.07	2772.1
#2	2222.5	32614.	4194.7	101.72	2770.7

Sample Name: J4926-17 Acquired: 9/18/2018 21:07:55 Type: Unk
Method: P4-ICP2(v2440) 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	-.00249	-.00059	.00120	.00421	-.00477	-.01849	.17039	-.00004
Stddev	.00162	.00207	.00082	.00295	.00074	.00764	.00087	.00005
%RSD	65.044	351.84	67.711	69.921	15.601	41.309	.50909	128.74

#1	-.00135	.00088	.00178	.00213	-.00530	-.02389	.17100	-.00007
#2	-.00364	-.00205	.00063	.00630	-.00425	-.01309	.16977	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	76.024	.01780	-.00002	.06065	.26651	.00969	12.621
Stddev	.00008	.252	.00035	.00001	.00043	.00860	.00005	.047
%RSD	19.271	.33085	1.9927	33.764	.70377	3.2287	.54111	.37359

#1	.00048	75.846	.01755	-.00002	.06035	.26043	.00973	12.654
#2	.00036	76.202	.01805	-.00001	.06096	.27260	.00966	12.588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00999	-.00016	308.99	.00036	.03122	8.2012	.00062	.04191
Stddev	.00131	.00021	.72	.00022	.00089	.0037	.00039	.00520
%RSD	13.061	127.42	.23444	59.630	2.8383	.04541	61.950	12.414

#1	.00907	-.00002	308.48	.00051	.03059	8.2039	.00089	.04559
#2	.01092	-.00031	309.51	.00021	.03185	8.1986	.00035	.03823

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.561	2.7501	-.00222	.00106	-.02928	-.0003	.60147	2.5815
Stddev	.034	.0293	.00132	.00187	.00042	.0003	.00041	.1083
%RSD	.32604	1.0647	59.393	176.16	1.4317	130.3	.06900	4.1961

#1	10.585	2.7294	-.00315	-.00026	-.02899	-.0005	.60176	2.6581
#2	10.537	2.7708	-.00129	.00239	-.02958	-.0000	.60118	2.5049

Sample Name: J4926-17 Acquired: 9/18/2018 21:07:55 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.568
Stddev 1.061
%RSD 9.1745

#1 12.319
#2 10.818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.6	30091.	4067.0	99.507	2418.5
Stddev	11.5	187.	7.9	1.865	15.6
%RSD	.54503	.62101	.19363	1.8746	.64474

#1	2100.5	29959.	4072.6	100.83	2407.5
#2	2116.7	30223.	4061.5	98.188	2429.5

Sample Name: J4926-18 Acquired: 9/18/2018 21:12:03 Type: Unk
Method: P4-ICP2(v2440) 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	-.00004	-.00115	.00010	.00283	-.00338	1.5437	.14251
Stddev	.00117	.00223	.00056	.00241	.00076	.0027	.00107
%RSD	3043.2	192.86	556.97	85.148	22.591	.17139	.75262

#1	.00079	.00042	-.00030	.00454	-.00392	1.5419	.14175
#2	-.00086	-.00273	.00050	.00113	-.00284	1.5456	.14326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00025	20.535	.00102	.00268	.03233	.06486
Stddev	.00004	.00007	.206	.00007	.00007	.00076	.00520
%RSD	5.0830	28.003	1.0022	6.3803	2.7642	2.3601	8.0236

#1	.00081	.00020	20.389	.00107	.00262	.03287	.06118
#2	.00076	.00030	20.681	.00098	.00273	.03179	.06854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21714	5.2176	.00989	-.00008	114.60	.00006	.08135
Stddev	.00004	.0168	.00024	.00007	.57	.00026	.00087
%RSD	.01778	.32226	2.4042	82.740	.49442	448.92	1.0694

#1	.21717	5.2295	.00972	-.00013	114.20	.00024	.08197
#2	.21711	5.2058	.01006	-.00003	115.00	-.00013	.08074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3697	.00031	.03424	7.6507	3.2921	-.00030	.00144
Stddev	.0327	.00005	.00748	.0003	.0147	.00024	.00046
%RSD	1.3785	16.426	21.840	.00342	.44753	80.016	31.851

#1	2.3466	.00028	.03953	7.6505	3.2817	-.00013	.00176
#2	2.3928	.00035	.02895	7.6509	3.3025	-.00046	.00112

Sample Name: J4926-18 Acquired: 9/18/2018 21:12:03 Type: Unk
Method: P4-ICP2(v2440) 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	-.02590	.0135	.14749	F<.00000	8.2136
Stddev	.00527	.0002	.00090	.26275	1.9462
%RSD	20.366	1.430	.61104	13.171	23.694

#1	-.02217	.0136	.14686	-2.1808	6.8375
#2	-.02963	.0133	.14813	-1.8092	9.5898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.8	32540.	4294.3	101.58	2600.1
Stddev	11.6	45.	8.0	1.56	13.0
%RSD	.51882	.13850	.18568	1.5379	.49925

#1	2234.6	32508.	4300.0	100.47	2591.0
#2	2251.1	32572.	4288.7	102.68	2609.3

Sample Name: J4926-22 Acquired: 9/18/2018 21:16:04 Type: Unk
Method: P4-ICP2(v2440) 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	-.00119	.00007	-.00300	.00172	-.00250	-.01075	.00007
Stddev	.00399	.00214	.00125	.00095	.00170	.00324	.00019
%RSD	334.82	2916.2	41.594	55.142	68.080	30.144	264.42

#1	.00163	.00159	-.00388	.00239	-.00370	-.00846	.00021
#2	-.00401	-.00144	-.00212	.00105	-.00129	-.01304	-.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00018	.09655	.00076	-.00047	.04210	.00938
Stddev	.00000	.00014	.00715	.00033	.00012	.00031	.00611
%RSD	2.2404	81.170	7.4042	43.198	24.594	.74427	65.121

#1	-.00009	-.00008	.09149	.00100	-.00039	.04232	.00506
#2	-.00009	-.00028	.10160	.00053	-.00055	.04188	.01371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.04940	.00301	-.00017	.15668	.00007	.02490
Stddev	.00003	.06698	.00071	.00028	.00536	.00022	.00134
%RSD	4.4353	135.59	23.592	160.41	3.4234	303.57	5.3888

#1	.00068	-.00204	.00251	-.00037	.15289	-.00008	.02395
#2	.00064	-.09676	.00351	.00002	.16047	.00023	.02585

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14581	.00029	.00812	.02423	.06227	-.00035	.00384
Stddev	.00587	.00008	.00128	.00001	.00153	.00004	.00292
%RSD	4.0274	27.344	15.783	.04958	2.4595	11.318	75.947

#1	.14997	.00023	.00903	.02424	.06119	-.00038	.00178
#2	.14166	.00034	.00721	.02422	.06335	-.00032	.00591

Sample Name: J4926-22 Acquired: 9/18/2018 21:16:04 Type: Unk
 Method: P4-ICP2(v2440) 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	-.06562	.0023	.00040	F<.00000	1.4794
Stddev	.01200	.0011	.00005	.15187	2.4596
%RSD	18.287	47.58	13.206	5.0979	166.26

#1	-.05714	.0015	.00044	-3.0864	3.2186
#2	-.07411	.0031	.00036	-2.8717	-.25980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.6	33596.	4268.1	107.53	2881.7
Stddev	.3	323.	.0	4.40	4.5
%RSD	.01123	.96046	.00090	4.0876	.15719

#1	2282.8	33368.	4268.1	110.64	2878.5
#2	2282.4	33825.	4268.1	104.42	2884.9

Sample Name: J4772-02 Acquired: 9/18/2018 21:20:09 Type: Unk
Method: P4-ICP2(v2440) 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	-.00051	.00005	.00029	.00217	-.00363	.07819	.13750	.00003
Stddev	.00140	.00085	.00000	.00240	.00077	.00321	.00119	.00007
%RSD	273.96	1570.5	1.0830	110.81	21.229	4.1003	.86302	268.75

#1	-.00150	-.00055	.00029	.00387	-.00418	.08046	.13834	.00008
#2	.00048	.00066	.00029	.00047	-.00309	.07593	.13666	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	19.218	.00134	.00610	.00914	.19343	.64394	2.7175
Stddev	.00007	.115	.00032	.00007	.00042	.00160	.00100	.0500
%RSD	44.140	.60024	23.981	1.1293	4.5448	.82879	.15454	1.8412

#1	-.00011	19.136	.00111	.00605	.00943	.19230	.64324	2.6821
#2	-.00021	19.299	.00157	.00615	.00885	.19456	.64465	2.7529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	.00008	302.06	.00015	.03833	1.2054	.00041	.02036
Stddev	.00005	.00035	1.27	.00044	.00018	.0281	.00003	.00316
%RSD	1.1644	428.89	.41979	287.98	.46860	2.3283	6.9154	15.506

#1	.00395	.00032	301.16	-.00016	.03821	1.1856	.00043	.01812
#2	.00401	-.00016	302.96	.00046	.03846	1.2253	.00039	.02259

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17494	.51174	.00265	.00476	-.05789	.0067	.04704	.61222
Stddev	.00297	.00798	.00113	.00102	.00903	.0002	.00005	.24592
%RSD	1.6985	1.5592	42.497	21.434	15.600	3.010	.10416	40.168

#1	.17284	.50610	.00185	.00549	-.06428	.0065	.04700	.78611
#2	.17704	.51739	.00344	.00404	-.05151	.0068	.04707	.43833

Sample Name: J4772-02 Acquired: 9/18/2018 21:20:09 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.288
Stddev 1.421
%RSD 12.589

#1 12.293
#2 10.283

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.1	31024.	4174.3	100.34	2480.6
Stddev	10.6	124.	14.0	.07	8.9
%RSD	.49108	.40040	.33610	.07154	.35869

#1	2156.6	30936.	4164.3	100.40	2474.3
#2	2171.6	31112.	4184.2	100.29	2486.9

Sample Name: J4772-02DUP Acquired: 9/18/2018 21:24:18 Type: Unk
Method: P4-ICP2(v2440) 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	-.00173	.00045	-.00004	.00036	-.00406	.08731	.13769	-.00005
Stddev	.00282	.00055	.00170	.00334	.00144	.00384	.00032	.00001
%RSD	162.90	122.68	4419.4	922.63	35.457	4.4030	.23241	22.031

#1	.00026	.00006	.00117	-.00200	-.00304	.08459	.13791	-.00004
#2	-.00372	.00084	-.00124	.00273	-.00508	.09003	.13746	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	19.198	.00176	.00618	.00865	.07127	.64593	2.6702
Stddev	.00014	.074	.00029	.00020	.00003	.00535	.00048	.0098
%RSD	82.183	.38548	16.549	3.2073	.32916	7.5114	.07391	.36818

#1	-.00026	19.146	.00197	.00604	.00867	.07506	.64559	2.6771
#2	-.00007	19.251	.00155	.00632	.00863	.06748	.64627	2.6632

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	.00016	301.54	-.00048	.03850	1.2349	.00021	.02044
Stddev	.00039	.00017	2.87	.00029	.00106	.0309	.00001	.00011
%RSD	10.719	105.14	.95145	59.450	2.7465	2.5036	4.2283	.54436

#1	.00386	.00028	303.57	-.00028	.03925	1.2130	.00022	.02036
#2	.00332	.00004	299.51	-.00069	.03775	1.2567	.00021	.02052

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17470	.51288	.00188	.00494	-.03196	.0079	.04703	.71122
Stddev	.00167	.00100	.00084	.00169	.00787	.0006	.00023	.43741
%RSD	.95328	.19506	44.511	34.110	24.610	7.662	.48631	61.501

#1	.17352	.51359	.00129	.00375	-.02640	.0084	.04719	1.0205
#2	.17588	.51218	.00247	.00613	-.03753	.0075	.04687	.40193

Sample Name: J4772-02DUP Acquired: 9/18/2018 21:24:18 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.056
Stddev 1.247
%RSD 11.275

#1 10.175
#2 11.938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.0	31046.	4178.7	100.95	2464.8
Stddev	1.3	16.	2.7	2.32	.0
%RSD	.05899	.05084	.06353	2.2956	.00076

#1	2150.9	31057.	4176.8	99.311	2464.8
#2	2149.1	31034.	4180.6	102.59	2464.8

Sample Name: J4772-02MS Acquired: 9/18/2018 21:32:32 Type: Unk
Method: P4-ICP2(v2440) 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	.91058	2.1229	1.0481	2.2661	.84828	2.2623	.36487
Stddev	.00181	.0037	.0048	.0074	.00128	.0274	.00137
%RSD	.19914	.17464	.45409	.32673	.15117	1.2120	.37453

#1	.91186	2.1255	1.0515	2.2714	.84919	2.2817	.36584
#2	.90929	2.1202	1.0448	2.2609	.84738	2.2429	.36390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22128	.22605	20.507	.48242	.22282	.32945	3.5218
Stddev	.00066	.00009	.057	.00044	.00148	.00179	.0041
%RSD	.29603	.03807	.27803	.09097	.66251	.54314	.11599

#1	.22082	.22611	20.547	.48211	.22386	.33071	3.5247
#2	.22175	.22599	20.467	.48273	.22177	.32818	3.5189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86378	4.9251	.56425	.07712	304.58	.33541	.26382
Stddev	.00137	.0402	.00323	.00020	.74	.00281	.00016
%RSD	.15818	.81567	.57276	.25505	.24453	.83859	.06019

#1	.86282	4.9535	.56654	.07698	305.11	.33342	.26393
#2	.86475	4.8967	.56197	.07726	304.05	.33740	.26370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.834	.45662	.35333	.17590	1.4958	.76050	.23708
Stddev	.046	.00256	.01648	.00299	.0061	.00063	.00037
%RSD	.36222	.55993	4.6637	1.6994	.41003	.08290	.15424

#1	12.867	.45842	.36498	.17801	1.4915	.76095	.23733
#2	12.801	.45481	.34168	.17379	1.5002	.76006	.23682

Sample Name: J4772-02MS Acquired: 9/18/2018 21:32:32 Type: Unk
 Method: P4-ICP2(v2440) 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	1.8969	6.530	.25851	1.2921	F<.00000
Stddev	.0101	.025	.00082	.0875	2.8253
%RSD	.53136	.3820	.31680	6.7721	77.554

#1	1.8897	6.548	.25794	1.3540	-1.6452
#2	1.9040	6.512	.25909	1.2302	-5.6408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.7	30674.	4088.9	99.631	2441.9
Stddev	14.2	101.	.4	.378	19.0
%RSD	.66457	.33031	.01068	.37975	.78010

#1	2132.7	30603.	4089.2	99.364	2428.5
#2	2152.8	30746.	4088.6	99.899	2455.4

Sample Name: J4772-02MSD Acquired: 9/18/2018 21:36:29 Type: Unk
Method: P4-ICP2(v2440) 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	.89930	2.1114	1.0397	2.2501	.84600	2.2195	.35923
Stddev	.00042	.0000	.0034	.0013	.00186	.0059	.00188
%RSD	.04625	.00132	.32748	.05535	.22004	.26393	.52438

#1	.89959	2.1114	1.0373	2.2492	.84732	2.2236	.36056
#2	.89901	2.1114	1.0421	2.2510	.84469	2.2153	.35790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21761	.22525	20.249	.47666	.22196	.32641	3.5309
Stddev	.00001	.00080	.094	.00041	.00070	.00078	.0336
%RSD	.00467	.35734	.46242	.08674	.31634	.23948	.95047

#1	.21761	.22468	20.315	.47695	.22147	.32585	3.5546
#2	.21760	.22582	20.182	.47637	.22246	.32696	3.5072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85245	4.9197	.56244	.07618	300.65	.33352	.26620
Stddev	.00101	.0179	.00215	.00039	3.70	.00160	.00167
%RSD	.11804	.36322	.38308	.51244	1.2298	.48079	.62770

#1	.85173	4.9323	.56092	.07591	303.27	.33239	.26738
#2	.85316	4.9070	.56396	.07646	298.04	.33465	.26502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.643	.45192	.34456	.17621	1.4912	.75800	.23200
Stddev	.036	.00024	.01685	.00125	.0037	.00107	.00103
%RSD	.28534	.05202	4.8900	.71168	.24670	.14112	.44508

#1	12.668	.45175	.35648	.17710	1.4938	.75876	.23127
#2	12.617	.45209	.33265	.17532	1.4886	.75725	.23273

Sample Name: J4772-02MSD Acquired: 9/18/2018 21:36:29 Type: Unk
 Method: P4-ICP2(v2440) 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	1.8783	6.493	.25705	.65258	F<.00000
Stddev	.0119	.024	.00011	.31954	.89025
%RSD	.63511	.3629	.04404	48.965	49.475

#1	1.8868	6.476	.25713	.87852	-2.4289
#2	1.8699	6.510	.25697	.42663	-1.1699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.1	31023.	4109.9	98.417	2451.9
Stddev	8.6	18.	30.9	1.036	4.3
%RSD	.40028	.05873	.75102	1.0522	.17443

#1	2151.0	31036.	4088.1	97.685	2448.8
#2	2163.3	31010.	4131.7	99.149	2454.9

Sample Name: J4772-02A Acquired: 9/18/2018 21:40:26 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7463 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90461	2.1140	1.0449	2.2678	.85076	2.2423	.36242
Stddev	.00194	.0056	.0028	.0035	.00188	.0051	.00028
%RSD	.21462	.26623	.27203	.15356	.22092	.22842	.07600

#1	.90598	2.1180	1.0469	2.2653	.85209	2.2459	.36261
#2	.90324	2.1101	1.0429	2.2703	.84943	2.2386	.36222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21975	.22610	20.443	.48031	.22309	.32805	3.4541
Stddev	.00010	.00050	.052	.00249	.00073	.00049	.0995
%RSD	.04606	.22180	.25305	.51938	.32834	.15030	2.8795

#1	.21968	.22646	20.479	.47855	.22361	.32770	3.5244
#2	.21982	.22575	20.406	.48208	.22258	.32840	3.3838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86049	4.9776	.56443	.07738	302.06	.33795	.26093
Stddev	.00043	.0406	.00299	.00023	2.68	.00168	.00638
%RSD	.05025	.81503	.53038	.29539	.88731	.49825	2.4446

#1	.86019	5.0063	.56655	.07722	303.95	.33676	.26544
#2	.86080	4.9489	.56232	.07755	300.16	.33914	.25642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.803	.45537	.34963	.17480	1.5093	.76120	.23446
Stddev	.030	.00062	.01506	.00298	.0077	.00281	.00051
%RSD	.23257	.13555	4.3061	1.7072	.50765	.36946	.21689

#1	12.824	.45580	.33899	.17269	1.5039	.76319	.23482
#2	12.782	.45493	.36028	.17691	1.5147	.75921	.23410

Sample Name: J4772-02A Acquired: 9/18/2018 21:40:26 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7463 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.8866	6.505	.25928	.71440	F<.00000
Stddev	.0110	.004	.00017	.90967	1.5435
%RSD	.58081	.0541	.06613	127.33	52.644

#1	1.8943	6.503	.25940	1.3576	-1.8405
#2	1.8788	6.507	.25916	.07116	-4.0232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.3	30797.	4070.8	100.57	2440.1
Stddev	7.5	59.	12.0	2.41	10.2
%RSD	.34867	.19195	.29421	2.3978	.41695

#1	2135.0	30756.	4062.4	98.860	2433.0
#2	2145.6	30839.	4079.3	102.27	2447.3

Sample Name: CCV11 Acquired: 9/18/2018 21:44:24 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13847 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0069	4.9513	4.9201	5.0338	4.9501	9.7317	10.101
Stddev	.0234	.0006	.0027	.0093	.0156	.0280	.007
%RSD	.46680	.01257	.05482	.18390	.31420	.28734	.07185

#1	5.0234	4.9509	4.9220	5.0403	4.9611	9.7515	10.096
#2	4.9904	4.9518	4.9182	5.0272	4.9391	9.7119	10.106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25437	2.5010	26.290	1.0713	2.5003	1.2718	5.0820
Stddev	.00013	.0044	.058	.0026	.0018	.0001	.0960
%RSD	.04929	.17432	.22230	.24433	.07055	.01182	1.8882

#1	.25446	2.5041	26.248	1.0731	2.5016	1.2719	5.1499
#2	.25428	2.4980	26.331	1.0694	2.4991	1.2717	5.0142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5380	25.728	2.5252	1.2362	25.229	2.5153	2.6945
Stddev	.0017	.057	.0032	.0005	.076	.0020	.0242
%RSD	.06679	.22125	.12480	.03751	.30298	.07828	.89902

#1	2.5369	25.768	2.5274	1.2365	25.175	2.5139	2.7116
#2	2.5392	25.688	2.5230	1.2358	25.283	2.5167	2.6773

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.906	5.0521	5.0240	4.8742	5.0220	4.9936	5.1499
Stddev	.057	.0021	.0250	.0075	.0143	.0025	.0234
%RSD	.21845	.04237	.49697	.15371	.28390	.04986	.45389

#1	25.866	5.0536	5.0417	4.8795	5.0119	4.9919	5.1664
#2	25.946	5.0506	5.0063	4.8689	5.0320	4.9954	5.1333

Sample Name: CCV11 Acquired: 9/18/2018 21:44:24 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13847 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4704	5.102	5.0566	F<.00000	F 7.1617
Stddev	.0304	.012	.0035	.00971	.0950
%RSD	.67936	.2273	.06854	1.0754	1.3267

#1	4.4919	5.110	5.0541	-.89604	7.0945
#2	4.4489	5.094	5.0590	-.90977	7.2289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.4	31777.	4096.7	96.861	2550.0
Stddev	6.7	20.	13.9	.957	8.7
%RSD	.30286	.06240	.33869	.98753	.34199

#1	2215.7	31763.	4106.5	96.185	2543.8
#2	2225.2	31791.	4086.9	97.537	2556.2

Sample Name: CCB11 Acquired: 9/18/2018 21:48:09 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13847 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.00153	-.00197	-.00034	-.00276	-.00671	.00168
Stddev	.00273	.00146	.00304	.00126	.00027	.00247	.00025
%RSD	536.42	95.607	153.75	372.01	9.6535	36.780	14.900

#1	.00142	.00049	.00017	.00055	-.00295	-.00845	.00186
#2	-.00244	.00256	-.00412	-.00123	-.00257	-.00496	.00150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00017	-.00130	-.00024	-.00030	.00120	-.00706
Stddev	.00001	.00006	.00247	.00032	.00005	.00019	.01138
%RSD	44797.	32.166	189.91	129.38	15.410	15.969	161.20

#1	-.00001	-.00013	.00045	-.00002	-.00033	.00133	.00099
#2	.00001	-.00021	-.00305	-.00047	-.00026	.00106	-.01511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.06785	.00150	.00075	-.01393	.00003	-.00025
Stddev	.00008	.01830	.00028	.00003	.00325	.00000	.00001
%RSD	106.98	26.972	18.880	4.0296	23.362	8.8952	4.7367

#1	-.00002	-.08079	.00170	.00073	-.01623	.00003	-.00026
#2	-.00014	-.05491	.00130	.00078	-.01163	.00003	-.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14734	.00137	.00038	-.00059	.00056	-.00102	.00085
Stddev	.00280	.00027	.00611	.00154	.00256	.00007	.00168
%RSD	1.8992	19.940	1598.9	262.21	460.37	6.9867	198.13

#1	.14931	.00156	-.00394	.00050	.00237	-.00107	-.00034
#2	.14536	.00117	.00470	-.00167	-.00126	-.00097	.00204

Sample Name: CCB11 Acquired: 9/18/2018 21:48:09 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13847 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03808	.0000	-.00000	F<.00000	F 5.6502
Stddev	.01012	.0000	.00000	.22204	1.7708
%RSD	26.582	56.64	323.99	9.4959	31.341

#1	-.03092	.0000	.00000	-2.4953	6.9023
#2	-.04524	.0000	-.00000	-2.1813	4.3980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.1	32920.	4098.0	100.28	2850.4
Stddev	1.9	29.	4.7	.97	4.4
%RSD	.08155	.08675	.11412	.96845	.15491

#1	2297.4	32900.	4101.3	100.97	2847.3
#2	2294.8	32940.	4094.7	99.597	2853.6

Sample Name: J4960-02 Acquired: 9/18/2018 21:52:14 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7463 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03149	-.00244	-.00973	-.01204	-.00153	.04883	.22818
Stddev	.00007	.00099	.00098	.00269	.00060	.01344	.00073
%RSD	.23140	40.717	10.023	22.309	39.121	27.528	.31814

#1	.03154	-.00314	-.00904	-.01394	-.00111	.05834	.22767
#2	.03144	-.00173	-.01042	-.01014	-.00196	.03933	.22869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00129	10.715	-.00185	.00235	-.03936	114.74
Stddev	.00012	.00019	.019	.00002	.00019	.00216	2.93
%RSD	105.44	14.391	.17305	.97980	7.9926	5.4830	2.5503

#1	.00020	-.00116	10.728	-.00183	.00222	-.03783	112.68
#2	.00003	-.00142	10.702	-.00186	.00248	-.04088	116.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16389	1.1700	-.00088	-.00360	290.63	.00221	.11467
Stddev	.00082	.0386	.00039	.00025	1.13	.00015	.00373
%RSD	.49959	3.2971	44.452	7.0229	.38737	6.8091	3.2535

#1	.16331	1.1428	-.00116	-.00378	289.83	.00210	.11203
#2	.16447	1.1973	-.00061	-.00342	291.42	.00232	.11731

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93283	-.00081	.12536	.31775	3.1617	.00369	.00246
Stddev	.01516	.00063	.00346	.00275	.0400	.00103	.00107
%RSD	1.6248	77.559	2.7613	.86486	1.2642	28.008	43.600

#1	.92211	-.00037	.12291	.31969	3.1334	.00296	.00170
#2	.94355	-.00126	.12781	.31580	3.1900	.00442	.00322

Sample Name: J4960-02 Acquired: 9/18/2018 21:52:14 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7463 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.04363	.5914	.06609	F<.00000	F<.00000
Stddev	.00245	.0059	.00051	.03772	1.2712
%RSD	5.6192	1.006	.76957	.34020	.80304

#1	-.04190	.5956	.06645	-11.061	-157.40
#2	-.04537	.5872	.06573	-11.115	-159.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.6	30283.	4094.1	98.770	2419.6
Stddev	9.9	108.	30.8	2.840	10.9
%RSD	.47020	.35620	.75328	2.8751	.45187

#1	2099.6	30207.	4115.9	100.78	2411.9
#2	2113.6	30360.	4072.3	96.762	2427.3

Sample Name: J4929-14 Acquired: 9/18/2018 21:56:22 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00000	-.00089	.00216	-.00232	.40312	.04940
Stddev	.00248	.00079	.00037	.00034	.00044	.00402	.00201
%RSD	1267.6	35899.	42.150	15.928	18.972	.99703	4.0768

#1	.00195	-.00056	-.00062	.00240	-.00263	.40028	.04798
#2	-.00156	.00056	-.00115	.00192	-.00200	.40596	.05083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00028	17.219	.00090	.00112	.00341	.40229
Stddev	.00001	.00004	.577	.00002	.00004	.00035	.00274
%RSD	128.53	13.824	3.3489	2.4993	3.9122	10.236	.68033

#1	-.00000	-.00025	16.812	.00088	.00109	.00366	.40036
#2	-.00002	-.00031	17.627	.00091	.00115	.00316	.40423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47139	3.0894	.00249	-.00004	11.101	.00051	.05747
Stddev	.00189	.1404	.00009	.00071	.437	.00041	.00166
%RSD	.40040	4.5449	3.6670	1677.9	3.9379	80.665	2.8831

#1	.47005	2.9901	.00243	-.00055	10.791	.00081	.05630
#2	.47272	3.1886	.00255	.00046	11.410	.00022	.05864

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8898	.00048	.60561	10.705	1.8710	-.00369	.01703
Stddev	.0605	.00005	.01255	.038	.0669	.00007	.00275
%RSD	3.2026	9.6930	2.0724	.35293	3.5773	1.8310	16.145

#1	1.8470	.00045	.59674	10.732	1.8237	-.00364	.01509
#2	1.9326	.00051	.61449	10.678	1.9184	-.00374	.01897

Sample Name: J4929-14 Acquired: 9/18/2018 21:56:22 Type: Unk
 Method: P4-ICP2(v2440) 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	-.04863	.0152	.06396	F<.00000	3.1697
Stddev	.00399	.0008	.00199	.28575	1.9129
%RSD	8.1985	5.124	3.1133	24.338	60.348

#1	-.05145	.0147	.06255	-.97202	4.5223
#2	-.04581	.0158	.06537	-1.3761	1.8171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.4	32106.	4221.1	102.94	2718.0
Stddev	12.3	51.	117.3	2.00	18.8
%RSD	.56202	.15929	2.7789	1.9385	.69188

#1	2179.7	32070.	4304.0	104.35	2704.7
#2	2197.1	32142.	4138.1	101.53	2731.3

Sample Name: J4956-03 Acquired: 9/18/2018 22:00:25 Type: Unk
Method: P4-ICP2(v2440) 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	-.00201	.00102	-.00299	-.00047	-.00089	.02752	.06939
Stddev	.00266	.00058	.00044	.00077	.00114	.00530	.00013
%RSD	131.77	56.691	14.686	164.53	127.63	19.266	.18677

#1	-.00389	.00142	-.00268	.00008	-.00009	.03127	.06949
#2	-.00014	.00061	-.00330	-.00101	-.00170	.02377	.06930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00016	4.0648	.00080	-.00040	.00196	.01457
Stddev	.00006	.00006	.0082	.00008	.00003	.00060	.01158
%RSD	37.773	39.227	.20141	9.4931	7.3299	30.791	79.466

#1	-.00012	-.00021	4.0590	.00086	-.00042	.00239	.00638
#2	-.00021	-.00012	4.0706	.00075	-.00038	.00153	.02276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01312	.56873	.00221	.00032	9.4839	.00051	.05952
Stddev	.00004	.01259	.00012	.00083	.1261	.00028	.00060
%RSD	.28257	2.2138	5.6473	262.56	1.3296	54.372	1.0080

#1	.01310	.55982	.00212	-.00027	9.3948	.00031	.05909
#2	.01315	.57763	.00230	.00090	9.5731	.00071	.05994

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61638	.00031	.05783	1.2734	.66752	-.00041	.00268
Stddev	.00406	.00034	.00271	.0069	.01257	.00098	.00121
%RSD	.65819	108.13	4.6874	.54334	1.8832	238.15	45.182

#1	.61925	.00007	.05592	1.2783	.65863	.00028	.00182
#2	.61352	.00055	.05975	1.2685	.67641	-.00110	.00353

Sample Name: J4956-03 Acquired: 9/18/2018 22:00:25 Type: Unk
Method: P4-ICP2(v2440) 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	-.04905	.0140	.02064	F<.00000	3.7722
Stddev	.00299	.0002	.00009	.42854	.2157
%RSD	6.0909	1.247	.43350	24.625	5.7180

#1	-.04694	.0139	.02057	-1.4373	3.9247
#2	-.05116	.0141	.02070	-2.0433	3.6197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.3	32442.	4141.5	100.10	2773.0
Stddev	5.2	67.	46.0	1.68	3.6
%RSD	.23696	.20608	1.1095	1.6739	.13091

#1	2198.6	32394.	4174.0	101.29	2770.4
#2	2206.0	32489.	4109.0	98.919	2775.6

Sample Name: J4957-02 Acquired: 9/18/2018 22:04:30 Type: Unk
Method: P4-ICP2(v2440) 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	.00301	-.00033	.00003	.00190	-.00106	.00779	.03351	-.00010
Stddev	.00220	.00125	.00079	.00408	.00010	.01045	.00012	.00003
%RSD	72.879	381.32	2808.8	214.59	9.4770	134.21	.34918	30.204
#1	.00457	.00056	-.00053	-.00098	-.00113	.01518	.03359	-.00012
#2	.00146	-.00121	.00059	.00478	-.00099	.00040	.03342	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	29.210	.00068	.00011	.00161	.00739	.01052	4.6418
Stddev	.00002	.151	.00045	.00025	.00023	.00372	.00001	.0845
%RSD	6.7910	.51575	66.037	236.37	14.509	50.333	.13826	1.8204
#1	-.00029	29.104	.00099	-.00007	.00177	.01002	.01051	4.5821
#2	-.00027	29.317	.00036	.00028	.00144	.00476	.01053	4.7016
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	.00057	136.18	.01107	.01162	11.122	.02401	.09841
Stddev	.00022	.00014	.19	.00049	.00014	.032	.00014	.00788
%RSD	13.596	24.036	.13806	4.4257	1.1991	.28791	.57176	8.0046
#1	.00175	.00047	136.32	.01142	.01172	11.144	.02410	.09284
#2	.00144	.00067	136.05	.01073	.01152	11.099	.02391	.10398
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.484	2.4052	-.00585	.00136	.01138	.1705	.16808	.86098
Stddev	.053	.0192	.00001	.00029	.00319	.0010	.00008	.20609
%RSD	.25963	.79757	.18169	21.206	28.028	.5887	.04841	23.937
#1	20.446	2.3917	-.00584	.00156	.01364	.1698	.16813	1.0067
#2	20.521	2.4188	-.00585	.00116	.00913	.1712	.16802	.71525

Sample Name: J4957-02 Acquired: 9/18/2018 22:04:30 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.6916
 Stddev .1563
 %RSD 2.0315

#1 7.8021
 #2 7.5811

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.0	30740.	4103.8	99.217	2534.0
Stddev	15.9	207.	2.3	.763	7.0
%RSD	.74829	.67306	.05650	.76908	.27805

#1	2115.7	30594.	4102.2	98.678	2529.0
#2	2138.2	30886.	4105.4	99.757	2539.0

Sample Name: J4957-02DUP Acquired: 9/18/2018 22:08:33 Type: Unk
Method: P4-ICP2(v2440) 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	.00605	.00088	-.00046	.00337	-.00045	-.00391	.03153	-.00007
Stddev	.00075	.00104	.00079	.00201	.00054	.00398	.00025	.00002
%RSD	12.421	118.16	174.13	59.507	118.91	101.79	.80064	30.871

#1	.00552	.00161	.00011	.00195	-.00007	-.00672	.03135	-.00006
#2	.00658	.00014	-.00102	.00479	-.00084	-.00110	.03171	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	27.008	.00122	-.00013	.00214	.02119	.00966	4.2795
Stddev	.00001	.102	.00072	.00011	.00012	.00268	.00005	.0557
%RSD	5.1598	.37848	59.222	82.373	5.5005	12.631	.51665	1.3022

#1	-.00024	26.936	.00071	-.00021	.00206	.01930	.00970	4.2400
#2	-.00026	27.081	.00174	-.00006	.00223	.02308	.00963	4.3189

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	.00014	125.58	.01052	.01144	10.242	.02180	.09589
Stddev	.00040	.00026	1.03	.00048	.00007	.002	.00037	.00485
%RSD	24.411	187.11	.82049	4.5818	.61444	.02115	1.6875	5.0622

#1	.00135	.00032	126.31	.01086	.01149	10.240	.02206	.09246
#2	.00192	-.00005	124.85	.01018	.01139	10.243	.02154	.09932

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.896	2.2157	-.00619	.00268	.01193	.1577	.15546	<.00000
Stddev	.023	.0006	.00036	.00070	.00144	.0037	.00004	.09007
%RSD	.12072	.02769	5.8939	25.925	12.043	2.372	.02705	303.22

#1	18.912	2.2152	-.00593	.00219	.01092	.1551	.15543	.03399
#2	18.880	2.2161	-.00644	.00318	.01295	.1604	.15549	-.09339

Sample Name: J4957-02DUP Acquired: 9/18/2018 22:08:33 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.9261
Stddev 4.2846
%RSD 61.862

#1 3.8964
#2 9.9558

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.9	31021.	4127.6	98.689	2552.4
Stddev	11.8	160.	19.7	1.304	16.4
%RSD	.55062	.51664	.47760	1.3214	.64349

#1	2133.6	30907.	4113.7	97.766	2540.8
#2	2150.3	31134.	4141.6	99.611	2564.0

Sample Name: J4957-02LX5 Acquired: 9/18/2018 22:12:36 Type: Unk
Method: P4-ICP2(v2440) 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	.00104	.00025	-.00131	.00060	-.00353	-.02220	.00692
Stddev	.00651	.00077	.00051	.00365	.00030	.00583	.00006
%RSD	625.99	308.63	38.684	610.85	8.5023	26.272	.81743

#1	-.00356	-.00030	-.00095	.00318	-.00375	-.02632	.00688
#2	.00564	.00080	-.00167	-.00198	-.00332	-.01807	.00696

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00013	5.6702	.00402	.00005	.00214	.01464
Stddev	.00002	.00005	.0918	.00008	.00019	.00043	.00579
%RSD	64.807	38.509	1.6196	2.0089	356.21	20.052	39.525

#1	.00002	-.00016	5.6053	.00396	.00019	.00184	.01873
#2	.00005	-.00009	5.7352	.00408	-.00008	.00245	.01055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00339	.87362	.00425	-.00004	26.083	.00211	.00283
Stddev	.00000	.01323	.00007	.00014	.301	.00022	.00003
%RSD	.14147	1.5139	1.6729	328.42	1.1526	10.211	1.1681

#1	.00339	.88297	.00420	.00006	25.870	.00196	.00280
#2	.00339	.86427	.00430	-.00014	26.295	.00227	.00285

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2578	.00512	.01362	4.0117	.49511	-.00015	.00121
Stddev	.0275	.00028	.00760	.0165	.01183	.00073	.00009
%RSD	1.2185	5.5226	55.758	.41166	2.3890	492.66	7.7674

#1	2.2773	.00532	.00825	4.0000	.48675	.00037	.00127
#2	2.2384	.00492	.01900	4.0233	.50347	-.00066	.00114

Sample Name: J4957-02LX5 Acquired: 9/18/2018 22:12:36 Type: Unk
Method: P4-ICP2(v2440) 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	-.03368	.0335	.03228	F<.00000	1.8437
Stddev	.00591	.0016	.00055	.22685	.1664
%RSD	17.549	4.762	1.6971	13.675	9.0275

#1	-.03786	.0346	.03189	-1.8193	1.9614
#2	-.02950	.0324	.03267	-1.4985	1.7260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.1	32249.	4197.5	103.43	2709.9
Stddev	3.9	258.	28.7	2.75	4.1
%RSD	.17715	.79995	.68384	2.6572	.15018

#1	2213.4	32431.	4217.8	105.37	2707.0
#2	2218.9	32066.	4177.2	101.48	2712.8

Sample Name: J4957-02MS Acquired: 9/18/2018 22:16:41 Type: Unk
Method: P4-ICP2(v2440) 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	.89279	2.1031	1.0122	2.1800	.85788	2.1554	.25984
Stddev	.00254	.0267	.0008	.0160	.00248	.0105	.00124
%RSD	.28484	1.2686	.07872	.73190	.28916	.48849	.47556

#1	.89459	2.1219	1.0127	2.1913	.85964	2.1479	.25897
#2	.89100	2.0842	1.0116	2.1688	.85613	2.1628	.26072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21209	.21692	28.816	.47685	.21330	.32870	3.4223
Stddev	.00089	.00117	.172	.00239	.00049	.00229	.0575
%RSD	.41798	.53746	.59603	.50121	.22924	.69555	1.6794

#1	.21146	.21774	28.695	.47516	.21365	.33031	3.3816
#2	.21271	.21609	28.938	.47854	.21296	.32708	3.4629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23327	6.6213	.55385	.07499	130.81	.34632	.22964
Stddev	.00040	.1353	.00403	.00143	1.02	.00294	.00196
%RSD	.17100	2.0441	.72793	1.9084	.78071	.84967	.85360

#1	.23298	6.5256	.55670	.07398	131.53	.34424	.22825
#2	.23355	6.7170	.55100	.07600	130.09	.34840	.23103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.578	.49103	.42130	19.214	3.2996	.74615	.23583
Stddev	.116	.00157	.00021	.121	.0088	.00518	.00269
%RSD	.53736	.31989	.04878	.63191	.26655	.69383	1.1414

#1	21.660	.49214	.42145	19.300	3.2934	.74981	.23773
#2	21.496	.48992	.42116	19.128	3.3058	.74249	.23392

Sample Name: J4957-02MS Acquired: 9/18/2018 22:16:41 Type: Unk
 Method: P4-ICP2(v2440) 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	1.9409	6.306	.36945	.16229	F<.00000
Stddev	.0056	.055	.00221	.41223	.92830
%RSD	.28963	.8790	.59867	254.00	15.182

#1	1.9449	6.346	.37102	.45378	-6.7707
#2	1.9369	6.267	.36789	-.12919	-5.4579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.5	31080.	4081.7	100.23	2506.5
Stddev	22.4	18.	25.1	.23	28.9
%RSD	1.0582	.05792	.61534	.23048	1.1528

#1	2102.6	31067.	4064.0	100.39	2486.0
#2	2134.3	31092.	4099.5	100.06	2526.9

Sample Name: J4957-02MSD Acquired: 9/18/2018 22:20:32 Type: Unk
Method: P4-ICP2(v2440) 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	.88092	2.1001	1.0014	2.1597	.85374	2.1436	.25659
Stddev	.00132	.0030	.0039	.0059	.00128	.0242	.00020
%RSD	.15028	.14156	.38885	.27298	.15006	1.1284	.07822

#1	.87999	2.0980	.99869	2.1555	.85284	2.1265	.25673
#2	.88186	2.1022	1.0042	2.1638	.85465	2.1607	.25644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21134	.21466	28.478	.47857	.21020	.32432	3.4265
Stddev	.00004	.00050	.003	.00178	.00031	.00088	.0922
%RSD	.01816	.23135	.01191	.37263	.14719	.27161	2.6898

#1	.21131	.21431	28.480	.47983	.20998	.32369	3.3613
#2	.21137	.21501	28.475	.47731	.21042	.32494	3.4916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23301	6.6219	.54821	.07513	130.18	.34542	.23144
Stddev	.00024	.0533	.00050	.00046	1.85	.00220	.00534
%RSD	.10218	.80462	.09138	.61492	1.4241	.63744	2.3093

#1	.23284	6.5842	.54785	.07480	131.49	.34386	.22766
#2	.23318	6.6595	.54856	.07545	128.87	.34697	.23521

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.389	.48665	.41418	18.977	3.2952	.73505	.23314
Stddev	.263	.00094	.00937	.020	.0262	.00074	.00193
%RSD	1.2286	.19365	2.2618	.10676	.79514	.10046	.82812

#1	21.575	.48598	.42081	18.991	3.3137	.73558	.23450
#2	21.203	.48731	.40756	18.963	3.2767	.73453	.23177

Sample Name: J4957-02MSD Acquired: 9/18/2018 22:20:32 Type: Unk
Method: P4-ICP2(v2440) 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	1.9425	6.244	.36756	<.00000	F<.00000
Stddev	.0110	.004	.00461	.17303	.76511
%RSD	.56587	.0718	1.2537	211.80	12.366

#1	1.9502	6.247	.37082	.04066	-5.6462
#2	1.9347	6.240	.36430	-.20404	-6.7282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.1	31111.	4107.3	100.02	2544.3
Stddev	13.9	42.	63.7	1.80	15.0
%RSD	.64655	.13558	1.5507	1.8018	.58954

#1	2137.3	31081.	4062.2	101.29	2533.7
#2	2156.9	31140.	4152.3	98.742	2554.9

Sample Name: J4957-02A Acquired: 9/18/2018 22:24:24 Type: Unk
Method: P4-ICP2(v2440) 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	.89709	2.1115	1.0134	2.1860	.86514	2.1433	.25938
Stddev	.00303	.0059	.0033	.0010	.00591	.0131	.00025
%RSD	.33816	.27740	.32433	.04741	.68276	.61044	.09552

#1	.89924	2.1156	1.0111	2.1867	.86097	2.1526	.25956
#2	.89495	2.1074	1.0157	2.1852	.86932	2.1341	.25921

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21297	.21716	28.682	.48074	.21329	.32750	3.4523
Stddev	.00012	.00028	.174	.00033	.00013	.00003	.0978
%RSD	.05408	.13020	.60500	.06898	.06318	.00951	2.8337

#1	.21305	.21736	28.559	.48050	.21319	.32748	3.3831
#2	.21289	.21696	28.804	.48097	.21338	.32752	3.5214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23450	6.5693	.55352	.07535	131.70	.34708	.23753
Stddev	.00019	.1272	.00055	.00060	.03	.00152	.00458
%RSD	.08108	1.9360	.09870	.80200	.02480	.43704	1.9279

#1	.23463	6.4794	.55391	.07493	131.72	.34600	.23429
#2	.23437	6.6592	.55314	.07578	131.67	.34815	.24076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.692	.49220	.42163	19.194	3.3328	.74439	.23509
Stddev	.126	.00003	.00678	.016	.0095	.00069	.00150
%RSD	.58147	.00606	1.6077	.08129	.28461	.09272	.63754

#1	21.602	.49217	.41684	19.205	3.3261	.74487	.23615
#2	21.781	.49222	.42643	19.183	3.3395	.74390	.23403

Sample Name: J4957-02A Acquired: 9/18/2018 22:24:24 Type: Unk
Method: P4-ICP2(v2440) 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	1.9428	6.304	.37337	.30360	F<.00000
Stddev	.0031	.013	.00112	.51735	1.8994
%RSD	.15878	.1999	.30083	170.40	25.271

#1	1.9406	6.313	.37416	.66943	-8.8591
#2	1.9450	6.296	.37257	-.06222	-6.1730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.2	31015.	4059.3	97.714	2522.7
Stddev	9.0	105.	7.9	1.609	11.2
%RSD	.42204	.33813	.19572	1.6470	.44430

#1	2123.8	30941.	4053.7	98.852	2514.8
#2	2136.5	31089.	4064.9	96.576	2530.6

Sample Name: J4875-05 Acquired: 9/18/2018 22:28:15 Type: Unk
Method: P4-ICP2(v2440) 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	.00371	.00318	.00394	.00382	-.00330	-.08648	.02371	.00015
Stddev	.00230	.00190	.00004	.00151	.00020	.00828	.00030	.00007
%RSD	62.091	59.680	.92285	39.613	6.0548	9.5793	1.2789	45.471

#1	.00208	.00184	.00396	.00489	-.00316	-.09234	.02350	.00020
#2	.00533	.00453	.00391	.00275	-.00344	-.08063	.02393	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	105.56	-.00115	.00036	.00429	-.03019	.00980	291.13
Stddev	.00006	.24	.00024	.00005	.00073	.00156	.00011	.47
%RSD	10.744	.22633	21.158	13.523	16.909	5.1663	1.1159	.16127

#1	-.00048	105.39	-.00132	.00032	.00378	-.02908	.00988	290.80
#2	-.00056	105.73	-.00098	.00039	.00481	-.03129	.00973	291.46

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	.00047	1964.0	.00195	.00121	96.392	.00223	.95525
Stddev	.00075	.00033	3.8	.00037	.00005	.094	.00026	.00803
%RSD	31.005	70.370	.19267	19.155	3.8028	.09752	11.636	.84063

#1	-.00294	.00023	1961.3	.00169	.00118	96.326	.00241	.94958
#2	-.00188	.00070	1966.7	.00221	.00125	96.459	.00205	.96093

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	228.81	.94932	-.08390	-.00236	.31413	.1131	1.6615	3.2805
Stddev	2.91	.00478	.00134	.00051	.00891	.0026	.0036	.3390
%RSD	1.2739	.50352	1.6030	21.746	2.8366	2.317	.21392	10.335

#1	230.87	.94594	-.08485	-.00200	.30783	.1149	1.6590	3.0407
#2	226.75	.95270	-.08294	-.00273	.32043	.1112	1.6641	3.5202

Sample Name: J4875-05 Acquired: 9/18/2018 22:28:15 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 26.189
 Stddev 2.424
 %RSD 9.2553

#1 24.475
 #2 27.903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.5	28757.	4145.8	96.841	2151.9
Stddev	26.6	53.	15.6	2.445	21.3
%RSD	1.2617	.18433	.37525	2.5247	.99102

#1	2092.6	28795.	4156.8	98.569	2136.8
#2	2130.3	28720.	4134.8	95.112	2167.0

Sample Name: CCV12 Acquired: 9/18/2018 22:32:24 Type: Unk
Method: P4-ICP2(v2440) 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	4.9414	4.9356	4.8616	4.9758	4.9126	9.6853	9.8966
Stddev	.0603	.0543	.0423	.0667	.0362	.1125	.1151
%RSD	1.2209	1.1006	.86957	1.3397	.73609	1.1618	1.1628

#1	4.8988	4.8972	4.8317	4.9287	4.8870	9.7649	9.9780
#2	4.9841	4.9740	4.8915	5.0229	4.9381	9.6057	9.8153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25225	2.4701	25.588	1.0598	2.4729	1.2635	4.8701
Stddev	.00073	.0282	.396	.0079	.0263	.0143	.0508
%RSD	.28794	1.1395	1.5459	.74412	1.0641	1.1333	1.0426

#1	.25174	2.4502	25.868	1.0542	2.4543	1.2534	4.9060
#2	.25277	2.4900	25.308	1.0654	2.4915	1.2737	4.8342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5040	25.037	2.5024	1.2309	24.898	2.5071	2.5910
Stddev	.0092	.223	.0266	.0060	.293	.0093	.0022
%RSD	.36745	.89264	1.0642	.49014	1.1776	.37163	.08562

#1	2.4974	25.195	2.4836	1.2267	25.105	2.5005	2.5894
#2	2.5105	24.879	2.5212	1.2352	24.691	2.5137	2.5926

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.432	5.0049	4.8877	4.8300	4.8993	4.9319	5.0266
Stddev	.298	.0564	.0620	.0287	.0041	.0557	.1008
%RSD	1.1706	1.1268	1.2688	.59364	.08451	1.1293	2.0060

#1	25.642	4.9651	4.9315	4.8097	4.8964	4.8925	5.0979
#2	25.221	5.0448	4.8438	4.8502	4.9022	4.9713	4.9553

Sample Name: CCV12 Acquired: 9/18/2018 22:32:24 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4469	5.045	4.9741	F<.00000	F 7.2700
Stddev	.0659	.067	.0591	.39444	1.4679
%RSD	1.4822	1.318	1.1877	34.891	20.191

#1	4.4935	4.998	5.0159	-1.4094	8.3079
#2	4.4003	5.092	4.9323	-.85158	6.2320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.1	31622.	4154.1	99.186	2539.0
Stddev	13.7	14.	11.1	.283	16.9
%RSD	.61858	.04520	.26670	.28495	.66468

#1	2216.7	31612.	4146.3	98.987	2550.9
#2	2197.4	31632.	4162.0	99.386	2527.1

Sample Name: CCB12 Acquired: 9/18/2018 22:36:10 Type: Unk
Method: P4-ICP2(v2440) 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	.00258	.00064	-.00188	-.00038	-.00240	-.02552	.00099
Stddev	.00102	.00030	.00179	.00196	.00031	.01427	.00011
%RSD	39.325	47.238	95.557	517.53	12.738	55.927	10.689

#1	.00330	.00043	-.00061	.00101	-.00218	-.03561	.00107
#2	.00186	.00086	-.00314	-.00177	-.00261	-.01543	.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00014	-.00703	-.00009	-.00043	.00165	.00145
Stddev	.00004	.00009	.00838	.00069	.00022	.00010	.00105
%RSD	1148.2	68.756	119.24	808.83	50.627	5.8658	72.550

#1	-.00003	-.00020	-.01296	.00040	-.00028	.00172	.00071
#2	.00002	-.00007	-.00110	-.00057	-.00058	.00158	.00219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.09213	.00148	.00068	.25854	.00019	-.00015
Stddev	.00002	.02668	.00015	.00092	.00391	.00027	.00009
%RSD	18.377	28.954	10.018	135.75	1.5125	136.88	59.167

#1	-.00009	-.11099	.00158	.00003	.26130	.00038	-.00008
#2	-.00011	-.07327	.00137	.00132	.25577	.00001	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21225	.00076	.00491	-.00181	.00213	-.00092	.00389
Stddev	.02764	.00047	.00802	.00079	.00113	.00070	.00180
%RSD	13.021	61.621	163.39	43.445	53.169	76.237	46.290

#1	.19271	.00109	-.00076	-.00125	.00133	-.00141	.00262
#2	.23179	.00043	.01058	-.00236	.00293	-.00042	.00517

Sample Name: CCB12 Acquired: 9/18/2018 22:36:10 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01807	.0018	.00013	F<.00000	F 1.3114
Stddev	.00133	.0017	.00011	.02402	1.7265
%RSD	7.3828	95.76	89.947	1.1276	131.65

#1	-.01713	.0030	.00021	-2.1135	2.5322
#2	-.01902	.0006	.00005	-2.1475	.09063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.9	32615.	4097.0	100.98	2810.2
Stddev	2.9	105.	10.3	1.48	6.8
%RSD	.12985	.32336	.25050	1.4625	.24186

#1	2256.8	32540.	4089.7	99.940	2805.4
#2	2260.9	32689.	4104.2	102.03	2815.0

Sample Name: J4875-06 Acquired: 9/18/2018 22:40:15 Type: Unk
Method: P4-ICP2(v2440) 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	.00449	.00394	.00259	.00186	-.00353	-.07232	.02264	.00011
Stddev	.00098	.00201	.00055	.00054	.00045	.00424	.00097	.00000
%RSD	21.836	50.968	21.132	29.089	12.862	5.8635	4.2737	4.3366

#1	.00380	.00252	.00220	.00224	-.00321	-.07532	.02195	.00011
#2	.00519	.00536	.00298	.00147	-.00385	-.06932	.02332	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	93.194	-.00155	.00017	.00411	-.02287	.00906	248.18
Stddev	.00008	.064	.00029	.00003	.00015	.00919	.00001	.35
%RSD	18.193	.06877	18.398	15.682	3.5752	40.165	.07490	.14245

#1	-.00048	93.148	-.00176	.00019	.00401	-.02937	.00906	248.43
#2	-.00037	93.239	-.00135	.00015	.00422	-.01638	.00907	247.93

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	.00037	1713.3	.00149	.00046	82.275	.00216	.81601
Stddev	.00037	.00005	23.2	.00012	.00008	.047	.00030	.00139
%RSD	16.613	13.510	1.3565	8.1022	16.503	.05740	13.840	.16981

#1	-.00250	.00033	1729.7	.00141	.00041	82.308	.00195	.81503
#2	-.00197	.00040	1696.8	.00158	.00052	82.241	.00237	.81699

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	195.71	.90367	-.07127	-.00012	.25578	.0995	1.4359	2.1999
Stddev	1.57	.00348	.00087	.00159	.01641	.0001	.0029	.4245
%RSD	.80349	.38521	1.2255	1292.5	6.4158	.1338	.20000	19.295

#1	194.60	.90121	-.07065	-.00124	.24418	.0994	1.4380	1.8997
#2	196.82	.90613	-.07189	.00100	.26739	.0996	1.4339	2.5000

Sample Name: J4875-06 Acquired: 9/18/2018 22:40:15 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 27.555
Stddev .224
%RSD .81369

#1 27.397
#2 27.714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.4	29815.	4243.1	100.25	2201.5
Stddev	17.8	52.	26.5	.15	13.5
%RSD	.83217	.17466	.62492	.14636	.61396

#1	2152.0	29779.	4261.8	100.15	2211.0
#2	2126.8	29852.	4224.3	100.35	2191.9

Sample Name: J4875-07 Acquired: 9/18/2018 22:44:24 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00442	.00277	.00386	.00373	-.00518	-.05471	.02389	.00006
Stddev	.00724	.00087	.00031	.00056	.00171	.01379	.00025	.00003
%RSD	163.75	31.211	7.9307	14.918	32.972	25.204	1.0519	60.286

#1	-.00070	.00216	.00408	.00334	-.00639	-.04496	.02371	.00008
#2	.00954	.00339	.00364	.00412	-.00397	-.06446	.02407	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	89.016	-.00168	.00007	.00427	-.04440	.00846	233.33
Stddev	.00000	1.792	.00056	.00021	.00047	.00297	.00011	7.46
%RSD	.56466	2.0132	33.154	307.07	10.932	6.6917	1.2429	3.1981

#1	-.00050	87.749	-.00207	.00021	.00394	-.04230	.00853	228.06
#2	-.00050	90.284	-.00128	-.00008	.00460	-.04650	.00838	238.61

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	.00001	1574.5	.00173	.00084	77.033	.00181	.77192
Stddev	.00042	.00002	.1	.00003	.00010	1.577	.00083	.00321
%RSD	16.179	163.83	.00902	1.8668	12.158	2.0474	45.770	.41636

#1	-.00228	-.00000	1574.6	.00175	.00077	75.918	.00240	.77419
#2	-.00287	.00003	1574.4	.00170	.00092	78.149	.00123	.76965

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	182.31	.90285	-.06625	-.00070	.24416	.0962	1.3522	2.4464
Stddev	.48	.01876	.00035	.00094	.00921	.0008	.0321	.1755
%RSD	.26544	2.0783	.53216	133.81	3.7706	.8084	2.3779	7.1746

#1	182.65	.88958	-.06600	-.00137	.23765	.0957	1.3295	2.5705
#2	181.97	.91612	-.06650	-.00004	.25066	.0968	1.3750	2.3223

Sample Name: J4875-07 Acquired: 9/18/2018 22:44:24 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 28.225
Stddev 2.568
%RSD 9.0986

#1 30.041
#2 26.409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.6	29618.	4209.9	100.01	2198.5
Stddev	13.6	17.	92.5	.64	10.7
%RSD	.63966	.05757	2.1972	.63808	.48636

#1	2117.0	29606.	4275.3	99.561	2191.0
#2	2136.3	29630.	4144.5	100.46	2206.1

Sample Name: J4875-08 Acquired: 9/18/2018 22:48:32 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.00084	.00309	.00128	-.00389	-.06813	.02190	.00012
Stddev	.00273	.00006	.00100	.00478	.00167	.02255	.00019	.00002
%RSD	48.715	6.9791	32.473	373.31	42.882	33.095	.87610	19.945

#1	.00754	.00088	.00238	.00466	-.00507	-.05219	.02203	.00014
#2	.00368	.00080	.00379	-.00210	-.00271	-.08408	.02176	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	87.602	-.00093	-.00010	.00438	-.02894	.00779	227.98
Stddev	.00010	.041	.00040	.00038	.00066	.00895	.00000	.41
%RSD	34.026	.04710	42.821	395.87	15.014	30.925	.06001	.17866

#1	-.00037	87.573	-.00065	.00017	.00485	-.02261	.00779	228.26
#2	-.00023	87.631	-.00121	-.00036	.00392	-.03526	.00780	227.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00001	1544.3	.00183	.00070	75.799	.00177	.75279
Stddev	.00000	.00005	12.6	.00058	.00008	.215	.00014	.00054
%RSD	.21472	358.48	.81686	31.606	12.184	.28321	7.9876	.07175

#1	-.00194	-.00005	1553.2	.00223	.00064	75.647	.00188	.75241
#2	-.00195	.00002	1535.4	.00142	.00076	75.951	.00167	.75317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	183.32	.88612	-.06683	-.00137	.21861	.0990	1.3331	2.3601
Stddev	3.58	.01364	.00263	.00043	.00902	.0024	.0037	.2908
%RSD	1.9513	1.5392	3.9384	31.142	4.1271	2.463	.27875	12.322

#1	180.79	.87647	-.06497	-.00167	.21223	.0972	1.3357	2.5658
#2	185.85	.89576	-.06869	-.00107	.22498	.1007	1.3305	2.1545

Sample Name: J4875-08 Acquired: 9/18/2018 22:48:32 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 24.968
Stddev 1.089
%RSD 4.3602

#1 24.198
#2 25.737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.2	29613.	4242.7	99.678	2176.4
Stddev	32.4	130.	24.9	.607	34.6
%RSD	1.5422	.43758	.58718	.60945	1.5919

#1	2122.1	29705.	4260.3	100.11	2200.9
#2	2076.4	29522.	4225.1	99.249	2151.9

Sample Name: J4875-09 Acquired: 9/18/2018 22:52:41 Type: Unk
Method: P4-ICP2(v2440) 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	.00460	.00451	.00345	.00159	-.00216	-.06395	.02312	.00012
Stddev	.00016	.00110	.00034	.00268	.00163	.01736	.00088	.00009
%RSD	3.4467	24.300	9.9200	168.27	75.228	27.144	3.8001	74.133

#1	.00449	.00374	.00321	.00349	-.00331	-.05167	.02250	.00018
#2	.00472	.00529	.00369	-.00030	-.00101	-.07622	.02374	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	96.780	-.00101	.00029	.00442	-.03053	.00682	261.44
Stddev	.00006	.680	.00001	.00028	.00054	.00036	.00001	2.29
%RSD	13.815	.70308	1.1691	94.358	12.162	1.1652	.20170	.87689

#1	-.00037	96.299	-.00100	.00049	.00404	-.03028	.00681	259.81
#2	-.00045	97.262	-.00102	.00010	.00480	-.03078	.00683	263.06

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.00001	1710.1	.00228	.00049	86.743	.00222	.87315
Stddev	.00069	.00046	8.1	.00018	.00004	.686	.00040	.00684
%RSD	47.543	3504.1	.47324	7.7454	8.9653	.79044	18.127	.78379

#1	-.00194	-.00034	1715.9	.00216	.00046	86.258	.00250	.86831
#2	-.00097	.00031	1704.4	.00241	.00052	87.228	.00193	.87799

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	207.66	.91009	-.07617	-.00197	.28919	.1073	1.5144	2.9286
Stddev	1.91	.01034	.00186	.00089	.02021	.0048	.0091	.0753
%RSD	.91882	1.1357	2.4371	45.167	6.9899	4.434	.60128	2.5721

#1	209.01	.90278	-.07748	-.00134	.30349	.1107	1.5080	2.8753
#2	206.31	.91740	-.07486	-.00260	.27490	.1039	1.5209	2.9818

Sample Name: J4875-09 Acquired: 9/18/2018 22:52:41 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 28.235
Stddev 1.444
%RSD 5.1140

#1 27.214
#2 29.256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.0	29136.	4202.6	100.86	2152.4
Stddev	6.1	27.	48.1	2.68	11.4
%RSD	.28840	.09173	1.1449	2.6575	.53154

#1	2099.7	29117.	4236.6	102.76	2144.3
#2	2108.3	29155.	4168.5	98.968	2160.5

Sample Name: J4875-10 Acquired: 9/18/2018 22:56:50 Type: Unk
Method: P4-ICP2(v2440) 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	.00472	.00447	.00481	.00125	-.00354	-.07398	.02359	.00007
Stddev	.00227	.00043	.00028	.00316	.00075	.01292	.00043	.00004
%RSD	48.107	9.5349	5.9198	253.63	21.182	17.461	1.8084	58.202

#1	.00311	.00417	.00501	-.00099	-.00301	-.06485	.02389	.00004
#2	.00633	.00478	.00461	.00348	-.00407	-.08312	.02329	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	102.97	-.00102	.00017	.00523	-.02216	.00761	281.10
Stddev	.00001	.63	.00013	.00025	.00015	.00216	.00000	1.09
%RSD	3.9708	.60958	13.063	145.37	2.9036	9.7349	.00235	.38903

#1	-.00036	103.42	-.00111	.00035	.00534	-.02064	.00761	281.88
#2	-.00038	102.53	-.00092	-.00000	.00512	-.02369	.00761	280.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	-.00021	1772.6	.00175	.00234	93.951	.00274	.92869
Stddev	.00033	.00000	26.9	.00014	.00005	.195	.00033	.00395
%RSD	12.408	.80793	1.5150	7.9054	2.3300	.20806	11.928	.42541

#1	-.00290	-.00021	1791.6	.00166	.00230	94.089	.00297	.93149
#2	-.00243	-.00022	1753.7	.00185	.00238	93.813	.00251	.92590

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	225.31	.94093	-.08120	-.00056	.30721	.1131	1.6329	3.9556
Stddev	.83	.01607	.00103	.00219	.00812	.0012	.0053	.0183
%RSD	.36936	1.7074	1.2650	389.93	2.6443	1.028	.32406	.46349

#1	225.90	.95229	-.08192	-.00211	.31295	.1123	1.6367	3.9426
#2	224.73	.92957	-.08047	.00099	.30147	.1139	1.6292	3.9686

Sample Name: J4875-10 Acquired: 9/18/2018 22:56:50 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 28.336
 Stddev .062
 %RSD .21893

#1 28.380
 #2 28.292

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.9	28329.	4140.5	100.41	2080.0
Stddev	5.6	122.	24.6	.96	4.4
%RSD	.27711	.43111	.59315	.95572	.21121

#1	2023.9	28415.	4123.2	99.727	2076.8
#2	2031.9	28242.	4157.9	101.08	2083.1

Sample Name: J4875-11 Acquired: 9/18/2018 23:00:59 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	.00228	.00412	-.00059	-.00438	-.07914	.02372	.00008
Stddev	.00301	.00113	.00063	.00044	.00088	.00180	.00021	.00010
%RSD	226.80	49.634	15.375	74.352	20.191	2.2806	.89025	128.61

#1	.00346	.00148	.00456	-.00090	-.00501	-.08042	.02387	.00001
#2	-.00080	.00308	.00367	-.00028	-.00375	-.07787	.02357	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	99.930	-.00147	.00020	.00421	-.03897	.00718	266.92
Stddev	.00009	3.218	.00066	.00022	.00009	.01164	.00037	8.11
%RSD	20.121	3.2204	44.967	112.10	2.2037	29.863	5.1526	3.0372

#1	-.00049	102.21	-.00100	.00004	.00414	-.04720	.00692	272.65
#2	-.00037	97.654	-.00193	.00036	.00428	-.03074	.00744	261.19

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	.00012	1703.6	.00185	.00062	88.674	.00187	.88400
Stddev	.00047	.00033	72.8	.00085	.00015	2.902	.00043	.01624
%RSD	23.651	275.16	4.2705	46.048	24.443	3.2732	22.869	1.8374

#1	-.00166	.00035	1755.1	.00125	.00051	90.727	.00157	.89548
#2	-.00233	-.00011	1652.2	.00245	.00073	86.622	.00218	.87251

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	208.74	.95716	-.07593	-.00157	.29319	.1079	1.5568	3.6741
Stddev	4.53	.02731	.00089	.00275	.02574	.0051	.0507	1.5051
%RSD	2.1689	2.8531	1.1711	175.58	8.7781	4.719	3.2547	40.965

#1	211.94	.97647	-.07656	.00038	.31139	.1115	1.5927	2.6099
#2	205.54	.93785	-.07530	-.00351	.27499	.1043	1.5210	4.7384

Sample Name: J4875-11 Acquired: 9/18/2018 23:00:59 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 25.978
 Stddev 3.211
 %RSD 12.359

#1 28.249
 #2 23.708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.7	28283.	4003.9	95.108	2087.6
Stddev	26.4	1193.	108.0	.493	33.6
%RSD	1.3018	4.2164	2.6984	.51796	1.6119

#1	2013.0	29126.	3927.5	95.456	2063.8
#2	2050.4	27439.	4080.3	94.760	2111.4

Sample Name: J4875-12 Acquired: 9/18/2018 23:05:07 Type: Unk
Method: P4-ICP2(v2440) 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	.00516	.00477	.00416	-.00269	-.00418	-.07234	.02361	.00009
Stddev	.00265	.00144	.00173	.00049	.00225	.00134	.00084	.00011
%RSD	51.356	30.216	41.512	18.260	53.858	1.8544	3.5470	118.53

#1	.00329	.00579	.00294	-.00235	-.00259	-.07139	.02420	.00017
#2	.00704	.00375	.00538	-.00304	-.00578	-.07328	.02302	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	103.31	-.00111	.00010	.00463	-.03581	.00815	282.84
Stddev	.00003	.68	.00009	.00015	.00038	.00413	.00001	1.85
%RSD	7.3310	.66108	8.4341	153.26	8.1172	11.543	.17989	.65460

#1	-.00041	102.83	-.00104	-.00001	.00437	-.03874	.00814	281.53
#2	-.00037	103.79	-.00117	.00020	.00490	-.03289	.00816	284.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	.00092	1782.8	.00154	.00105	94.344	.00210	.93016
Stddev	.00021	.00025	3.4	.00019	.00003	.430	.00003	.00597
%RSD	6.7395	27.149	.18919	12.135	2.9929	.45588	1.2761	.64202

#1	-.00328	.00109	1785.2	.00141	.00102	94.040	.00208	.93438
#2	-.00298	.00074	1780.4	.00168	.00107	94.648	.00212	.92593

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	223.60	.95388	-.08185	-.00133	.30652	.1136	1.6380	3.6556
Stddev	3.78	.01464	.00109	.00081	.00078	.0017	.0040	.3345
%RSD	1.6919	1.5344	1.3277	60.365	.25491	1.492	.24609	9.1512

#1	226.28	.94353	-.08262	-.00076	.30597	.1148	1.6352	3.8922
#2	220.93	.96423	-.08108	-.00190	.30707	.1124	1.6409	3.4191

Sample Name: J4875-12 Acquired: 9/18/2018 23:05:07 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 30.897
Stddev 2.117
%RSD 6.8519

#1 29.400
#2 32.394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.4	28143.	4099.5	96.276	2104.9
Stddev	28.8	145.	40.1	2.090	30.7
%RSD	1.3973	.51423	.97836	2.1705	1.4569

#1	2038.0	28040.	4127.8	97.753	2083.2
#2	2078.7	28245.	4071.1	94.798	2126.6

Sample Name: J4875-13 Acquired: 9/18/2018 23:09:16 Type: Unk
Method: P4-ICP2(v2440) 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	.00527	.00193	.00358	.00239	-.00519	-.05873	.02279	.00008
Stddev	.00330	.00161	.00078	.00144	.00029	.00322	.00006	.00003
%RSD	62.550	83.369	21.728	60.024	5.4912	5.4904	.26402	39.868

#1	.00761	.00079	.00413	.00341	-.00539	-.05645	.02283	.00005
#2	.00294	.00307	.00303	.00138	-.00499	-.06101	.02275	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	90.932	-.00129	-.00025	.00434	-.02920	.00706	240.42
Stddev	.00005	1.108	.00091	.00011	.00049	.00284	.00016	3.17
%RSD	14.610	1.2186	70.518	46.250	11.205	9.7261	2.3194	1.3172

#1	-.00031	91.715	-.00193	-.00017	.00400	-.03121	.00718	242.66
#2	-.00038	90.148	-.00064	-.00033	.00469	-.02719	.00695	238.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	.00005	1544.8	.00225	.00054	80.273	.00204	.80392
Stddev	.00012	.00038	37.3	.00024	.00001	.877	.00043	.00353
%RSD	5.2509	693.08	2.4145	10.700	1.5681	1.0931	21.274	.43879

#1	-.00214	.00032	1571.2	.00208	.00053	80.893	.00173	.80641
#2	-.00231	-.00021	1518.4	.00242	.00055	79.653	.00235	.80142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	194.37	.89046	-.07139	-.00218	.25041	.0989	1.4137	2.9255
Stddev	1.29	.01484	.00168	.00205	.00841	.0009	.0190	.3432
%RSD	.66282	1.6665	2.3508	94.211	3.3598	.8827	1.3425	11.730

#1	193.46	.90096	-.07020	-.00073	.24446	.0995	1.4271	3.1681
#2	195.28	.87997	-.07257	-.00363	.25636	.0983	1.4003	2.6828

Sample Name: J4875-13 Acquired: 9/18/2018 23:09:16 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 24.866
Stddev 2.030
%RSD 8.1635

#1 26.301
#2 23.431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.0	29070.	4271.8	101.61	2157.9
Stddev	11.2	420.	23.8	.32	14.6
%RSD	.53474	1.4456	.55615	.31351	.67561

#1	2103.9	28773.	4255.0	101.83	2168.2
#2	2088.1	29368.	4288.6	101.38	2147.6

Sample Name: J4875-14 Acquired: 9/18/2018 23:13:25 Type: Unk
Method: P4-ICP2(v2440) 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	.00641	.00255	.00379	.00033	-.00520	-.08458	.02309	.00013
Stddev	.00286	.00021	.00012	.00176	.00028	.00720	.00020	.00004
%RSD	44.553	8.3104	3.0567	531.52	5.4286	8.5151	.87517	28.626

#1	.00844	.00240	.00371	-.00091	-.00500	-.07948	.02323	.00015
#2	.00439	.00270	.00387	.00158	-.00540	-.08967	.02294	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	105.27	-.00080	.00035	.00396	-.03630	.00496	292.30
Stddev	.00019	.16	.00018	.00038	.00030	.00214	.00001	.70
%RSD	33.681	.14790	22.694	107.02	7.6852	5.9092	.11141	.23954

#1	-.00070	105.38	-.00067	.00009	.00375	-.03781	.00496	292.80
#2	-.00043	105.16	-.00093	.00062	.00418	-.03478	.00497	291.81

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	.00058	1791.0	.00190	.00050	97.216	.00255	.96311
Stddev	.00003	.00014	.1	.00020	.00015	.028	.00036	.01611
%RSD	1.3244	24.448	.00740	10.553	30.804	.02921	13.969	1.6726

#1	-.00210	.00048	1790.9	.00176	.00061	97.236	.00230	.97450
#2	-.00206	.00068	1791.1	.00204	.00039	97.196	.00281	.95172

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	236.86	.91987	-.08517	-.00186	.32866	.1165	1.6858	3.5875
Stddev	.56	.00219	.00059	.00125	.00589	.0000	.0007	.2426
%RSD	.23800	.23837	.69576	67.143	1.7918	.0038	.04324	6.7623

#1	236.46	.92142	-.08559	-.00275	.33282	.1165	1.6863	3.4159
#2	237.26	.91832	-.08475	-.00098	.32450	.1165	1.6853	3.7590

Sample Name: J4875-14 Acquired: 9/18/2018 23:13:25 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 26.830
Stddev .694
%RSD 2.5870

#1 26.339
#2 27.321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.5	28521.	4167.9	99.055	2089.8
Stddev	10.1	92.	23.2	1.889	7.2
%RSD	.49199	.32200	.55741	1.9073	.34492

#1	2058.6	28456.	4151.5	97.719	2094.9
#2	2044.3	28586.	4184.3	100.39	2084.7

Sample Name: J4875-15 Acquired: 9/18/2018 23:17:34 Type: Unk
Method: P4-ICP2(v2440) 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	.00069	.00257	.00325	.00668	-.00483	-.08507	.02253	.00010
Stddev	.00146	.00295	.00027	.00098	.00179	.01962	.00020	.00010
%RSD	212.57	114.46	8.3103	14.734	37.015	23.066	.90179	99.932

#1	-.00035	.00466	.00344	.00598	-.00357	-.07119	.02239	.00003
#2	.00172	.00049	.00306	.00737	-.00610	-.09894	.02268	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	98.313	-.00129	.00042	.00433	-.03529	.00590	265.19
Stddev	.00015	.087	.00019	.00000	.00045	.00122	.00005	.84
%RSD	49.334	.08886	14.417	.68115	10.325	3.4485	.78289	.31721

#1	-.00019	98.251	-.00116	.00042	.00464	-.03443	.00593	264.59
#2	-.00040	98.375	-.00142	.00043	.00401	-.03615	.00587	265.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00065	1662.3	.00208	.00074	88.221	.00205	.86744
Stddev	.00076	.00071	22.0	.00001	.00002	.051	.00037	.01899
%RSD	44.962	109.05	1.3241	.58222	2.1867	.05768	18.183	2.1898

#1	-.00223	.00015	1677.9	.00209	.00075	88.257	.00179	.85401
#2	-.00115	.00115	1646.7	.00207	.00073	88.185	.00232	.88087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	210.91	.92382	-.07688	.00001	.28039	.1099	1.5409	3.1931
Stddev	2.14	.01149	.00158	.00020	.00226	.0000	.0003	.4136
%RSD	1.0169	1.2432	2.0525	2776.0	.80744	.0003	.01722	12.952

#1	209.39	.91570	-.07576	.00015	.28199	.1099	1.5411	2.9007
#2	212.42	.93194	-.07799	-.00013	.27879	.1099	1.5407	3.4855

Sample Name: J4875-15 Acquired: 9/18/2018 23:17:34 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 25.621
 Stddev 2.829
 %RSD 11.043

#1 27.622
 #2 23.621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.1	28418.	4099.9	97.596	2109.0
Stddev	27.7	92.	21.5	.485	25.7
%RSD	1.3477	.32494	.52532	.49644	1.2165

#1	2073.7	28483.	4115.1	97.938	2127.1
#2	2034.5	28352.	4084.7	97.253	2090.8

Sample Name: CCV13 Acquired: 9/18/2018 23:21:42 Type: Unk
Method: P4-ICP2(v2440) 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	4.9648	4.9554	4.8739	4.9948	4.9242	9.7533	10.067
Stddev	.0064	.0040	.0020	.0145	.0107	.1336	.032
%RSD	.12860	.08164	.04084	.29062	.21840	1.3702	.32221

#1	4.9693	4.9582	4.8725	5.0051	4.9318	9.8478	10.044
#2	4.9603	4.9525	4.8753	4.9846	4.9166	9.6588	10.090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25231	2.4704	25.934	1.0578	2.4794	1.2661	4.9147
Stddev	.00036	.0036	.025	.0007	.0014	.0034	.0105
%RSD	.14462	.14507	.09733	.06484	.05761	.26978	.21345

#1	.25256	2.4679	25.916	1.0583	2.4784	1.2685	4.9073
#2	.25205	2.4729	25.952	1.0574	2.4804	1.2637	4.9222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4918	25.324	2.5090	1.2345	26.008	2.5005	2.6247
Stddev	.0069	.066	.0046	.0001	.172	.0122	.0147
%RSD	.27546	.26011	.18206	.00609	.66087	.48640	.56078

#1	2.4966	25.370	2.5057	1.2345	25.887	2.5091	2.6142
#2	2.4869	25.277	2.5122	1.2344	26.130	2.4919	2.6351

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.170	5.0009	4.9390	4.8101	4.9342	4.9518	5.1295
Stddev	.096	.0037	.0116	.0299	.0554	.0008	.0195
%RSD	.36555	.07323	.23452	.62083	1.1228	.01704	.38091

#1	26.102	5.0034	4.9308	4.8312	4.8951	4.9524	5.1433
#2	26.237	4.9983	4.9472	4.7890	4.9734	4.9512	5.1157

Sample Name: CCV13 Acquired: 9/18/2018 23:21:42 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4983	5.042	5.0604	F<.00000	F 7.5404
Stddev	.0390	.012	.0180	.30191	.4858
%RSD	.86745	.2448	.35487	49.346	6.4432
#1	4.5258	5.033	5.0477	-.39834	7.8839
#2	4.4707	5.050	5.0731	-.82530	7.1969
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.9	31332.	4086.7	97.162	2512.7
Stddev	10.8	230.	15.6	.232	7.0
%RSD	.49309	.73537	.38162	.23919	.28041
#1	2181.3	31169.	4097.7	97.326	2507.7
#2	2196.6	31495.	4075.6	96.998	2517.7

Sample Name: CCB13 Acquired: 9/18/2018 23:25:28 Type: Unk
Method: P4-ICP2(v2440) 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	-.00077	.00157	-.00301	-.00035	-.00319	-.01663	.00090
Stddev	.00175	.00001	.00091	.00230	.00103	.01627	.00070
%RSD	227.17	.54840	30.259	660.70	32.316	97.876	77.443

#1	-.00200	.00157	-.00237	.00128	-.00392	-.02813	.00041
#2	.00047	.00156	-.00365	-.00197	-.00246	-.00512	.00139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00019	-.01606	-.00012	-.00004	.00158	-.00281
Stddev	.00010	.00007	.00185	.00038	.00005	.00004	.00118
%RSD	2508.7	36.428	11.542	329.53	109.50	2.2237	41.870

#1	-.00007	-.00024	-.01737	-.00039	-.00001	.00161	-.00198
#2	.00008	-.00014	-.01475	.00015	-.00008	.00156	-.00364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.06150	.00142	-.00004	F 2.0600	-.00008	-.00011
Stddev	.00005	.02116	.00029	.00016	.0131	.00058	.00006
%RSD	110.94	34.414	20.338	375.90	.63370	744.80	56.351

#1	-.00007	-.07646	.00163	-.00015	2.0692	.00033	-.00007
#2	-.00001	-.04653	.00122	.00007	2.0508	-.00049	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .55576	.00117	-.00117	-.00262	.00079	.00009	.00195
Stddev	.01118	.00016	.00372	.00232	.00368	.00043	.00021
%RSD	2.0111	13.401	319.21	88.472	466.92	480.57	10.524

#1	.54786	.00129	.00147	-.00098	.00339	-.00022	.00210
#2	.56366	.00106	-.00380	-.00426	-.00181	.00040	.00181

Sample Name: CCB13 Acquired: 9/18/2018 23:25:28 Type: Unk
 Method: P4-ICP2(v2440) 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	.00386	.0007	.00004	F<.00000	F 4.2788
Stddev	.00318	.0031	.00001	.22016	1.9170
%RSD	82.436	426.2	23.019	6.0124	44.802

#1	.00611	-.0014	.00003	-3.8175	5.6343
#2	.00161	.0029	.00005	-3.5062	2.9233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.5	33226.	4193.1	101.75	2876.7
Stddev	19.0	53.	45.2	2.98	25.3
%RSD	.81755	.15807	1.0784	2.9325	.87816

#1	2341.0	33263.	4161.2	99.639	2894.6
#2	2314.1	33189.	4225.1	103.86	2858.9

Sample Name: J4875-16 Acquired: 9/18/2018 23:29:34 Type: Unk
Method: P4-ICP2(v2440) 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	.00409	.00322	.00267	.00372	-.00619	-.07666	.02256	.00008
Stddev	.00415	.00079	.00065	.00278	.00041	.00324	.00025	.00008
%RSD	101.42	24.680	24.370	74.689	6.6640	4.2212	1.0905	99.699

#1	.00702	.00378	.00221	.00176	-.00648	-.07895	.02239	.00002
#2	.00116	.00265	.00313	.00569	-.00590	-.07437	.02274	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	94.346	-.00066	.00012	.00354	-.03186	.00674	251.83
Stddev	.00003	.374	.00006	.00037	.00004	.01115	.00006	.63
%RSD	7.5087	.39607	9.8372	321.58	1.1857	34.986	.95673	.25178

#1	-.00041	94.082	-.00061	-.00015	.00357	-.03974	.00679	251.39
#2	-.00045	94.610	-.00070	.00038	.00351	-.02398	.00670	252.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00035	1618.6	.00148	.00046	82.726	.00223	.82655
Stddev	.00056	.00009	7.8	.00003	.00001	.435	.00011	.00447
%RSD	29.836	26.200	.48012	2.0587	2.7834	.52637	4.8162	.54077

#1	-.00149	-.00028	1624.1	.00150	.00046	82.418	.00215	.82971
#2	-.00229	-.00041	1613.1	.00145	.00045	83.034	.00231	.82339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	199.76	.90370	-.07275	-.00212	.24856	.1065	1.4559	1.9129
Stddev	.04	.02415	.00047	.00057	.00483	.0029	.0062	.0176
%RSD	.02066	2.6723	.64009	26.751	1.9420	2.761	.42463	.92103

#1	199.79	.88662	-.07308	-.00172	.25198	.1086	1.4515	1.9253
#2	199.73	.92078	-.07242	-.00252	.24515	.1044	1.4603	1.9004

Sample Name: J4875-16 Acquired: 9/18/2018 23:29:34 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 29.706
 Stddev 1.979
 %RSD 6.6631

#1 31.106
 #2 28.307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.9	29451.	4262.4	100.17	2175.3
Stddev	.7	5.	26.6	1.79	4.9
%RSD	.03467	.01727	.62520	1.7846	.22398

#1	2123.4	29455.	4281.2	98.902	2178.8
#2	2122.3	29447.	4243.5	101.43	2171.9

Sample Name: J4875-17 Acquired: 9/18/2018 23:33:43 Type: Unk
Method: P4-ICP2(v2440) 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	.00098	.00380	.00446	-.00224	-.00595	-.08917	.02460	.00012
Stddev	.00524	.00084	.00002	.00322	.00078	.00147	.00010	.00010
%RSD	535.49	22.132	.35838	143.70	13.041	1.6533	.42617	82.255

#1	-.00273	.00321	.00445	-.00452	-.00650	-.09021	.02467	.00005
#2	.00469	.00440	.00447	.00004	-.00540	-.08813	.02453	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	107.82	-.00141	.00020	.00487	-.03688	.00643	295.69
Stddev	.00017	.32	.00032	.00009	.00052	.01325	.00002	.19
%RSD	34.784	.29501	22.503	43.598	10.683	35.935	.29009	.06491

#1	-.00062	108.05	-.00163	.00026	.00450	-.02751	.00645	295.83
#2	-.00037	107.60	-.00118	.00014	.00523	-.04625	.00642	295.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	.00033	1829.7	.00244	.00139	96.988	.00294	.97876
Stddev	.00004	.00039	1.4	.00042	.00006	.283	.00026	.00172
%RSD	1.4550	121.11	.07621	17.331	4.0455	.29204	8.8957	.17532

#1	-.00282	.00060	1830.7	.00214	.00135	97.189	.00313	.97998
#2	-.00276	.00005	1828.7	.00274	.00143	96.788	.00276	.97755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	232.63	.98468	-.08440	-.00242	.32022	.1155	1.6890	3.6173
Stddev	1.44	.00273	.00181	.00024	.02143	.0004	.0020	.5869
%RSD	.61961	.27717	2.1464	9.8516	6.6921	.3204	.11977	16.225

#1	233.65	.98275	-.08568	-.00258	.30507	.1152	1.6875	4.0323
#2	231.62	.98661	-.08312	-.00225	.33538	.1158	1.6904	3.2023

Sample Name: J4875-17 Acquired: 9/18/2018 23:33:43 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 28.992
 Stddev .521
 %RSD 1.7961

#1 28.624
 #2 29.360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.2	28551.	4026.8	95.237	2091.7
Stddev	13.7	127.	.8	.944	11.3
%RSD	.66548	.44346	.01927	.99132	.53922

#1	2045.5	28462.	4026.3	95.904	2083.7
#2	2064.8	28641.	4027.4	94.569	2099.7

Sample Name: J4875-18 Acquired: 9/18/2018 23:37:51 Type: Unk
Method: P4-ICP2(v2440) 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	.00624	.00521	.00398	-.00098	-.00306	-.09033	.02366	.00008
Stddev	.00180	.00007	.00151	.00335	.00170	.00087	.00049	.00002
%RSD	28.754	1.2901	37.842	342.38	55.626	.96371	2.0651	26.503
#1	.00497	.00516	.00504	-.00335	-.00426	-.09094	.02332	.00010
#2	.00751	.00526	.00291	.00139	-.00186	-.08971	.02401	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	104.38	-.00135	.00029	.00459	-.03869	.00561	286.61
Stddev	.00011	.62	.00008	.00046	.00004	.00916	.00005	1.42
%RSD	23.674	.59789	5.9761	160.08	.82252	23.678	.87282	.49562
#1	-.00055	103.94	-.00141	-.00004	.00457	-.04517	.00558	285.61
#2	-.00039	104.82	-.00129	.00061	.00462	-.03221	.00565	287.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	.00065	1761.2	.00109	.00067	94.283	.00230	.93391
Stddev	.00063	.00050	26.8	.00008	.00012	.513	.00006	.00516
%RSD	21.101	77.155	1.5188	7.5887	18.344	.54424	2.4182	.55260
#1	-.00253	.00101	1780.2	.00103	.00058	93.920	.00226	.93756
#2	-.00342	.00030	1742.3	.00115	.00076	94.646	.00234	.93026
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	226.44	.94494	-.08274	-.00234	.31531	.1121	1.6381	3.0262
Stddev	.12	.00266	.00153	.00226	.00045	.0046	.0067	.3321
%RSD	.05508	.28106	1.8461	96.483	.14208	4.131	.40802	10.974
#1	226.35	.94306	-.08166	-.00394	.31499	.1089	1.6333	2.7914
#2	226.53	.94682	-.08382	-.00075	.31563	.1154	1.6428	3.2610

Sample Name: J4875-18 Acquired: 9/18/2018 23:37:51 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 26.607
Stddev .714
%RSD 2.6821

#1 27.112
#2 26.102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.7	28569.	4079.1	95.049	2115.6
Stddev	4.2	110.	36.9	3.166	3.2
%RSD	.20262	.38536	.90476	3.3305	.15233

#1	2080.6	28646.	4105.2	97.287	2117.9
#2	2074.7	28491.	4053.0	92.810	2113.3

Sample Name: J4875-19 Acquired: 9/18/2018 23:42:00 Type: Unk
Method: P4-ICP2(v2440) 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	.00359	.00557	.00440	.00031	-.00611	-.09765	.02365	.00003
Stddev	.00090	.00013	.00096	.00428	.00148	.00629	.00001	.00003
%RSD	25.018	2.4200	21.849	1360.6	24.277	6.4436	.05743	74.446

#1	.00423	.00566	.00372	-.00271	-.00716	-.09320	.02364	.00005
#2	.00296	.00547	.00508	.00334	-.00506	-.10210	.02366	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	107.49	-.00124	.00034	.00466	-.03376	.00526	295.38
Stddev	.00002	.47	.00009	.00031	.00058	.01549	.00008	2.19
%RSD	4.2727	.43980	7.4706	93.382	12.463	45.885	1.4409	.74229

#1	-.00050	107.82	-.00117	.00011	.00425	-.02280	.00520	296.93
#2	-.00047	107.15	-.00131	.00056	.00507	-.04471	.00531	293.83

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	.00070	1807.0	.00190	.00067	97.181	.00237	.96414
Stddev	.00000	.00106	52.4	.00018	.00004	.289	.00004	.00690
%RSD	.06882	151.02	2.9002	9.2545	5.4334	.29699	1.6330	.71559

#1	-.00303	-.00005	1844.1	.00178	.00070	97.385	.00240	.95926
#2	-.00303	.00145	1770.0	.00203	.00065	96.977	.00235	.96902

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	234.70	.97095	-.08591	-.00416	.31669	.1140	1.6981	3.7849
Stddev	.18	.00515	.00035	.00183	.00542	.0009	.0090	.1079
%RSD	.07590	.53087	.40298	44.027	1.7099	.7502	.52899	2.8517

#1	234.57	.96731	-.08567	-.00286	.32052	.1134	1.7045	3.8612
#2	234.82	.97460	-.08616	-.00545	.31286	.1146	1.6918	3.7086

Sample Name: J4875-19 Acquired: 9/18/2018 23:42:00 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 29.009
 Stddev 1.028
 %RSD 3.5430

#1 29.736
 #2 28.282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.9	27928.	4013.6	93.423	2054.6
Stddev	6.6	46.	18.9	2.548	1.3
%RSD	.32699	.16359	.47125	2.7275	.06391

#1	2016.5	27895.	4000.2	91.622	2055.6
#2	2007.2	27960.	4026.9	95.225	2053.7

Sample Name: J4875-20 Acquired: 9/18/2018 23:46:10 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00557	.00399	.00428	.00123	-.00653	-.08745	.02336	.00012
Stddev	.00199	.00082	.00033	.00079	.00138	.00045	.00002	.00001
%RSD	35.796	20.547	7.8204	64.075	21.078	.51682	.07213	9.7258

#1	.00416	.00457	.00404	.00179	-.00750	-.08777	.02335	.00011
#2	.00698	.00341	.00451	.00067	-.00555	-.08713	.02337	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	106.21	-.00171	.00026	.00457	-.03391	.00513	292.13
Stddev	.00013	2.15	.00039	.00003	.00006	.00519	.00012	5.89
%RSD	27.129	2.0262	22.604	11.636	1.4011	15.308	2.2926	2.0156

#1	-.00038	107.73	-.00198	.00028	.00453	-.03758	.00505	296.30
#2	-.00056	104.68	-.00144	.00024	.00462	-.03024	.00521	287.97

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	.00009	1776.8	.00219	.00050	95.918	.00239	.95805
Stddev	.00007	.00021	51.0	.00026	.00000	1.471	.00029	.01171
%RSD	2.4237	230.06	2.8678	11.960	.47642	1.5334	12.256	1.2218

#1	-.00305	.00024	1812.8	.00201	.00050	96.958	.00218	.96633
#2	-.00294	-.00006	1740.8	.00238	.00050	94.878	.00260	.94977

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	229.17	.96442	-.08435	-.00162	.30952	.1146	1.6696	3.4995
Stddev	.94	.00353	.00101	.00078	.00407	.0020	.0330	.4241
%RSD	.41167	.36648	1.1924	47.908	1.3149	1.719	1.9737	12.118

#1	229.83	.96692	-.08506	-.00107	.31240	.1132	1.6929	3.7993
#2	228.50	.96192	-.08364	-.00217	.30664	.1160	1.6463	3.1996

Sample Name: J4875-20 Acquired: 9/18/2018 23:46:10 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 30.001
Stddev 2.931
%RSD 9.7701

#1 27.928
#2 32.073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.4	28391.	4047.1	95.421	2112.5
Stddev	1.2	176.	72.6	2.267	1.3
%RSD	.05980	.62090	1.7947	2.3754	.06044

#1	2076.5	28266.	3995.8	93.819	2111.6
#2	2078.2	28516.	4098.5	97.024	2113.4

Sample Name: J4901-01 Acquired: 9/18/2018 23:50:19 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	.00389	.00439	.00139	-.00611	-.06863	.02374	.00004
Stddev	.00476	.00209	.00012	.00271	.00034	.00461	.00059	.00009
%RSD	147.54	53.803	2.7963	195.21	5.5768	6.7204	2.4817	246.31

#1	.00660	.00536	.00431	-.00053	-.00587	-.07189	.02416	.00010
#2	-.00014	.00241	.00448	.00330	-.00636	-.06537	.02333	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	88.579	.00957	.00034	.00397	.00782	.01810	231.05
Stddev	.00005	.098	.00067	.00008	.00042	.01670	.00033	.38
%RSD	12.387	.11093	6.9943	23.280	10.707	213.53	1.8455	.16326

#1	-.00035	88.510	.01004	.00029	.00367	-.00399	.01786	230.78
#2	-.00042	88.649	.00910	.00040	.00427	.01963	.01833	231.32

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00390	.00025	1481.6	.00182	.00133	75.374	.00306	.75536
Stddev	.00019	.00001	16.2	.00017	.00004	.116	.00028	.00761
%RSD	4.9027	4.0222	1.0935	9.3714	3.1868	.15415	9.1645	1.0077

#1	.00403	.00024	1493.0	.00170	.00136	75.292	.00286	.74998
#2	.00376	.00025	1470.1	.00194	.00130	75.456	.00326	.76075

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	181.22	.95071	-.06625	.00035	.23430	.1008	1.3347	2.7235
Stddev	.80	.00823	.00075	.00101	.00559	.0013	.0029	.2746
%RSD	.44111	.86615	1.1351	288.29	2.3854	1.261	.21418	10.084

#1	180.65	.94489	-.06572	.00106	.23035	.0999	1.3326	2.9177
#2	181.78	.95653	-.06679	-.00036	.23825	.1017	1.3367	2.5293

Sample Name: J4901-01 Acquired: 9/18/2018 23:50:19 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 26.769
Stddev 1.062
%RSD 3.9663

#1 26.018
#2 27.520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.3	29273.	4162.6	98.730	2173.2
Stddev	18.6	159.	5.6	.925	10.8
%RSD	.88363	.54196	.13370	.93731	.49873

#1	2119.5	29385.	4166.5	98.075	2180.9
#2	2093.2	29161.	4158.6	99.384	2165.6

Sample Name: J4901-01DUP Acquired: 9/18/2018 23:54:28 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	.00350	.00348	.00087	-.00655	-.08360	.02404	.00018
Stddev	.00093	.00067	.00210	.00351	.00001	.00307	.00024	.00003
%RSD	16.851	19.021	60.293	403.22	.11878	3.6697	1.0072	18.877

#1	.00619	.00303	.00200	-.00161	-.00655	-.08577	.02387	.00016
#2	.00487	.00397	.00497	.00335	-.00656	-.08143	.02421	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	88.413	.00897	.00027	.00468	.00960	.01811	230.24
Stddev	.00002	.221	.00001	.00050	.00029	.02335	.00007	1.54
%RSD	3.4684	.24988	.11718	187.66	6.1752	243.12	.37726	.67085

#1	-.00048	88.257	.00897	-.00009	.00447	-.00691	.01816	229.14
#2	-.00051	88.569	.00898	.00062	.00488	.02611	.01806	231.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00476	.00038	1455.2	.00163	.00130	74.828	.00291	.75248
Stddev	.00004	.00059	4.4	.00023	.00010	.077	.00017	.00147
%RSD	.93184	155.72	.30012	14.045	7.4477	.10273	5.8766	.19587

#1	.00473	-.00004	1458.3	.00146	.00123	74.774	.00304	.75352
#2	.00480	.00079	1452.1	.00179	.00137	74.882	.00279	.75144

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	179.42	.94674	-.06614	-.00079	.22768	.1042	1.3340	2.4550
Stddev	.05	.00034	.00125	.00058	.00121	.0001	.0026	.4849
%RSD	.02532	.03608	1.8923	72.810	.53295	.0550	.19203	19.750

#1	179.39	.94650	-.06702	-.00038	.22682	.1041	1.3358	2.1122
#2	179.45	.94698	-.06525	-.00120	.22853	.1042	1.3322	2.7979

Sample Name: J4901-01DUP Acquired: 9/18/2018 23:54:28 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 26.702
Stddev 3.107
%RSD 11.636

#1 24.505
#2 28.899

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.4	29248.	4181.8	97.643	2185.7
Stddev	5.7	33.	1.8	.899	1.8
%RSD	.26836	.11156	.04291	.92112	.08377

#1	2121.3	29225.	4183.1	97.007	2187.0
#2	2129.4	29271.	4180.5	98.279	2184.4

Sample Name: J4901-01LX5 Acquired: 9/18/2018 23:58:37 Type: Unk
Method: P4-ICP2(v2440) 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	-.00092	.00182	.00285	-.00221	-.00287	-.03308	.00658	.00008
Stddev	.00124	.00053	.00068	.00086	.00190	.00156	.00099	.00010
%RSD	135.49	28.801	23.669	39.081	66.447	4.7013	15.101	123.88

#1	-.00004	.00220	.00333	-.00160	-.00421	-.03198	.00588	.00015
#2	-.00180	.00145	.00238	-.00282	-.00152	-.03418	.00728	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	19.612	.00030	-.00011	.00260	-.00855	.00377	48.315
Stddev	.00003	.032	.00012	.00009	.00027	.00047	.00003	.057
%RSD	8.4398	.16539	39.690	86.825	10.340	5.4878	.70409	.11805

#1	-.00033	19.635	.00022	-.00004	.00279	-.00822	.00378	48.355
#2	-.00038	19.589	.00039	-.00017	.00241	-.00888	.00375	48.274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	-.00021	336.79	.00102	.00059	16.109	.00046	.16299
Stddev	.00026	.00014	1.03	.00017	.00004	.034	.00000	.00233
%RSD	37.594	68.012	.30632	16.974	6.6368	.21108	.70422	1.4317

#1	-.00089	-.00031	337.52	.00114	.00062	16.085	.00046	.16134
#2	-.00052	-.00011	336.06	.00089	.00056	16.133	.00046	.16464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.334	.20532	-.01198	.00015	.06264	.0164	.28819	.89217
Stddev	.188	.00469	.00047	.00000	.00529	.0015	.00176	.07947
%RSD	.54839	2.2821	3.9051	3.1497	8.4456	9.237	.61202	8.9078

#1	34.201	.20201	-.01165	.00016	.06638	.0153	.28944	.94836
#2	34.467	.20864	-.01231	.00015	.05890	.0174	.28694	.83597

Sample Name: J4901-01LX5 Acquired: 9/18/2018 23:58:37 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.545
Stddev	2.262
%RSD	16.702

#1	11.945
#2	15.145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.8	30042.	3965.2	94.431	2368.7
Stddev	3.7	158.	1.8	1.582	2.1
%RSD	.17255	.52495	.04529	1.6749	.08770

#1	2133.2	29931.	3966.5	93.313	2367.3
#2	2138.4	30154.	3963.9	95.550	2370.2

Sample Name: J4901-01LX5 Acquired: 9/18/2018 23:58:37 Type: Unk
Method: P4-ICP2(v2440) 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	-.00092	.00182	.00285	-.00221	-.00287	-.03308	.00658	.00008
Stddev	.00124	.00053	.00068	.00086	.00190	.00156	.00099	.00010
%RSD	135.49	28.801	23.669	39.081	66.447	4.7013	15.101	123.88

#1	-.00004	.00220	.00333	-.00160	-.00421	-.03198	.00588	.00015
#2	-.00180	.00145	.00238	-.00282	-.00152	-.03418	.00728	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	19.612	.00030	-.00011	.00260	-.00855	.00377	48.315
Stddev	.00003	.032	.00012	.00009	.00027	.00047	.00003	.057
%RSD	8.4398	.16539	39.690	86.825	10.340	5.4878	.70409	.11805

#1	-.00033	19.635	.00022	-.00004	.00279	-.00822	.00378	48.355
#2	-.00038	19.589	.00039	-.00017	.00241	-.00888	.00375	48.274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	-.00021	336.79	.00102	.00059	16.109	.00046	.16299
Stddev	.00026	.00014	1.03	.00017	.00004	.034	.00000	.00233
%RSD	37.594	68.012	.30632	16.974	6.6368	.21108	.70422	1.4317

#1	-.00089	-.00031	337.52	.00114	.00062	16.085	.00046	.16134
#2	-.00052	-.00011	336.06	.00089	.00056	16.133	.00046	.16464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.334	.20532	-.01198	.00015	.06264	.0164	.28819	.89217
Stddev	.188	.00469	.00047	.00000	.00529	.0015	.00176	.07947
%RSD	.54839	2.2821	3.9051	3.1497	8.4456	9.237	.61202	8.9078

#1	34.201	.20201	-.01165	.00016	.06638	.0153	.28944	.94836
#2	34.467	.20864	-.01231	.00015	.05890	.0174	.28694	.83597

Sample Name: J4901-01LX5 Acquired: 9/18/2018 23:58:37 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.545
Stddev	2.262
%RSD	16.702

#1	11.945
#2	15.145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.8	30042.	3965.2	94.431	2368.7
Stddev	3.7	158.	1.8	1.582	2.1
%RSD	.17255	.52495	.04529	1.6749	.08770

#1	2133.2	29931.	3966.5	93.313	2367.3
#2	2138.4	30154.	3963.9	95.550	2370.2

Sample Name: J4901-01MS Acquired: 9/19/2018 0:02:47 Type: Unk
Method: P4-ICP2(v2440) 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	.89691	1.9776	1.0294	2.1951	.81978	2.0597	.22468	.23924	.22172
Stddev	.00562	.0042	.0030	.0014	.00212	.0173	.00319	.00013	.00012
%RSD	.62673	.21246	.28810	.06271	.25864	.83842	1.4188	.05391	.05452

#1	.89293	1.9806	1.0315	2.1960	.82128	2.0719	.22242	.23915	.22180
#2	.90088	1.9747	1.0273	2.1941	.81828	2.0475	.22693	.23933	.22163

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.312	.44477	.20933	.28616	3.1058	.22375	234.28	.54014	.08306
Stddev	1.250	.00121	.00136	.00007	.0209	.00002	1.25	.00075	.00016
%RSD	1.3842	.27114	.64863	.02528	.67152	.01042	.53308	.13949	.19587

#1	89.428	.44562	.21029	.28621	3.0910	.22377	233.40	.53961	.08318
#2	91.196	.44391	.20837	.28611	3.1205	.22374	235.16	.54067	.08295

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	1501.4	.31651	.22952	86.304	.39629	1.0487	179.07	1.9288	.69794
Stddev	13.8	.00194	.00567	1.166	.00026	.0016	.75	.0521	.00538
%RSD	.91830	.61400	2.4697	1.3508	.06575	.15295	.41967	2.7006	.77093

#1	1491.7	.31514	.22551	85.480	.39610	1.0498	179.60	1.8919	.70175
#2	1511.2	.31789	.23353	87.129	.39647	1.0475	178.54	1.9656	.69414

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21082	2.0493	7.431	1.5397	3.1637	18.133
Stddev	.00296	.0518	.014	.0168	.6413	3.017
%RSD	1.4026	2.5256	.1815	1.0931	20.270	16.637

#1	.20873	2.0127	7.441	1.5278	3.6172	20.267
#2	.21291	2.0859	7.422	1.5516	2.7103	16.000

Sample Name: J4901-01MS Acquired: 9/19/2018 0:02:47 Type: Unk
Method: P4-ICP2(v2440) 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	2113.5	29030.	4067.3	95.267	2157.9
Stddev	7.1	37.	67.6	2.004	7.7
%RSD	.33649	.12723	1.6615	2.1033	.35682
#1	2108.5	29004.	4115.1	96.684	2152.4
#2	2118.6	29056.	4019.5	93.850	2163.3

Sample Name: J4901-01MSD Acquired: 9/19/2018 0:06:45 Type: Unk
Method: P4-ICP2(v2440) 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	.88459	1.9639	1.0164	2.1627	.81148	2.0178	.22183	.23371	.21960
Stddev	.00918	.0174	.0118	.0137	.00450	.0061	.00096	.00061	.00173
%RSD	1.0381	.88508	1.1632	.63251	.55475	.30433	.43205	.26023	.78669
#1	.87810	1.9516	1.0080	2.1530	.80830	2.0135	.22115	.23414	.21838
#2	.89109	1.9761	1.0247	2.1723	.81467	2.0221	.22251	.23328	.22083
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.486	.43598	.20776	.28321	3.0601	.21863	233.22	.53797	.08008
Stddev	.614	.00065	.00166	.00239	.0257	.00025	.22	.00684	.00030
%RSD	.68655	.15011	.79668	.84356	.84087	.11268	.09640	1.2705	.37527
#1	89.051	.43552	.20659	.28152	3.0783	.21846	233.06	.53314	.07986
#2	89.920	.43645	.20893	.28490	3.0419	.21881	233.38	.54281	.08029
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	1479.1	.30734	.22522	85.338	.39223	1.0340	176.71	1.9020	.69192
Stddev	4.3	.00071	.00044	.790	.00343	.0006	2.24	.0092	.01059
%RSD	.29230	.22973	.19750	.92558	.87556	.05570	1.2698	.48480	1.5300
#1	1476.1	.30684	.22553	84.779	.38980	1.0344	175.12	1.8955	.68443
#2	1482.2	.30783	.22490	85.896	.39465	1.0336	178.29	1.9085	.69940
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20943	2.0160	7.352	1.5259	2.2281	16.644			
Stddev	.00230	.0099	.050	.0098	.0584	1.971			
%RSD	1.0989	.49201	.6833	.64425	2.6191	11.840			
#1	.20781	2.0089	7.316	1.5189	2.1868	15.251			
#2	.21106	2.0230	7.387	1.5328	2.2693	18.038			

Sample Name: J4901-01MSD Acquired: 9/19/2018 0:06:45 Type: Unk
Method: P4-ICP2(v2440) 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	2135.7	29653.	4081.3	96.768	2175.7
Stddev	31.3	103.	28.5	.471	34.9
%RSD	1.4635	.34572	.69887	.48657	1.6023
#1	2157.8	29726.	4101.5	97.101	2200.3
#2	2113.6	29581.	4061.2	96.435	2151.0

Sample Name: CCV14 Acquired: 9/19/2018 0:10:42 Type: Unk
Method: P4-ICP2(v2440) 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	4.8753	4.9011	4.8398	4.8935	4.7946	9.4462	9.6510
Stddev	.1148	.0893	.1067	.0836	.0799	.0929	.0508
%RSD	2.3552	1.8230	2.2043	1.7093	1.6664	.98365	.52632

#1	4.7941	4.8379	4.7643	4.8343	4.7381	9.3805	9.6869
#2	4.9565	4.9643	4.9152	4.9526	4.8511	9.5119	9.6151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24814	2.4645	25.563	1.0445	2.4541	1.2417	4.8932
Stddev	.00041	.0530	.030	.0038	.0490	.0232	.0493
%RSD	.16546	2.1494	.11674	.36627	1.9959	1.8674	1.0086

#1	.24785	2.4270	25.584	1.0418	2.4194	1.2253	4.8583
#2	.24843	2.5019	25.542	1.0472	2.4887	1.2581	4.9281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4504	24.806	2.4853	1.2067	25.090	2.4572	2.6583
Stddev	.0008	.020	.0527	.0008	.111	.0051	.0121
%RSD	.03180	.07964	2.1201	.07004	.44171	.20676	.45687

#1	2.4498	24.820	2.4480	1.2073	25.169	2.4608	2.6497
#2	2.4509	24.792	2.5225	1.2061	25.012	2.4536	2.6669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.150	4.9117	4.8612	4.7454	4.8480	4.9241	4.9996
Stddev	.116	.0986	.0158	.0718	.0259	.1131	.0066
%RSD	.46215	2.0067	.32413	1.5126	.53367	2.2969	.13184

#1	25.232	4.8420	4.8724	4.6947	4.8663	4.8442	5.0042
#2	25.068	4.9814	4.8501	4.7962	4.8297	5.0041	4.9949

Sample Name: CCV14 Acquired: 9/19/2018 0:10:42 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3678	4.991	4.8770	F<.00000	F 6.8554
Stddev	.0049	.091	.0302	.23185	.4002
%RSD	.11168	1.819	.62023	17.559	5.8384

#1	4.3712	4.927	4.8984	-1.1565	6.5724
#2	4.3643	5.056	4.8556	-1.4843	7.1384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.3	31925.	4138.8	96.353	2549.0
Stddev	33.4	66.	30.0	.055	41.6
%RSD	1.4939	.20556	.72442	.05672	1.6332

#1	2259.0	31879.	4117.6	96.391	2578.4
#2	2211.7	31971.	4160.0	96.314	2519.5

Sample Name: CCB14 Acquired: 9/19/2018 0:14:29 Type: Unk
Method: P4-ICP2(v2440) 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	-.00066	.00199	-.00097	-.00160	-.00243	-.01607	.00132
Stddev	.00135	.00003	.00036	.00175	.00030	.00466	.00007
%RSD	204.60	1.3158	37.535	109.42	12.553	29.012	5.5296

#1	.00030	.00197	-.00071	-.00284	-.00221	-.01277	.00127
#2	-.00162	.00201	-.00122	-.00036	-.00264	-.01936	.00138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00007	.00093	-.00027	.00021	.00189	-.01656
Stddev	.00002	.00003	.01616	.00010	.00005	.00009	.00097
%RSD	32.194	39.868	1736.1	35.238	22.183	4.7583	5.8349

#1	-.00004	-.00009	-.01050	-.00021	.00024	.00195	-.01588
#2	-.00007	-.00005	.01236	-.00034	.00018	.00182	-.01724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.03612	.00185	.00003	F 2.3221	.00011	-.00014
Stddev	.00002	.03028	.00020	.00017	.0021	.00004	.00013
%RSD	24.787	83.811	11.017	671.47	.09037	36.907	93.642

#1	-.00008	-.05753	.00170	.00015	2.3236	.00014	-.00005
#2	-.00005	-.01472	.00199	-.00010	2.3206	.00008	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .56422	.00107	.00738	-.00025	-.00021	.00024	.00225
Stddev	.04630	.00031	.01167	.00147	.00244	.00024	.00080
%RSD	8.2065	28.925	158.17	583.67	1138.9	99.457	35.338

#1	.59696	.00128	-.00087	-.00129	.00151	.00041	.00282
#2	.53148	.00085	.01563	.00079	-.00194	.00007	.00169

Sample Name: CCB14 Acquired: 9/19/2018 0:14:29 Type: Unk
 Method: P4-ICP2(v2440) 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	-.00209	.0028	.00007	F<.00000	F 4.5896
Stddev	.00237	.0001	.00002	.12968	.1677
%RSD	113.00	2.464	21.950	6.0280	3.6547
#1	-.00042	.0027	.00008	-2.0596	4.7083
#2	-.00377	.0028	.00006	-2.2430	4.4710
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.3	32427.	4044.8	98.075	2818.4
Stddev	8.5	96.	13.1	.844	18.2
%RSD	.37438	.29678	.32365	.86027	.64689
#1	2275.3	32359.	4035.5	97.478	2805.5
#2	2287.3	32495.	4054.1	98.671	2831.3

Sample Name: J4901-01A Acquired: 9/19/2018 0:18:34 Type: Unk
Method: P4-ICP2(v2440) 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	.89509	1.9962	1.0333	2.1859	.81948	2.0732	.22820	.23885	.22308
Stddev	.00910	.0053	.0017	.0008	.00509	.0198	.00323	.00001	.00017
%RSD	1.0172	.26282	.16337	.03618	.62076	.95371	1.4162	.00608	.07797
#1	.88865	1.9925	1.0345	2.1864	.81588	2.0592	.22592	.23886	.22296
#2	.90152	2.0000	1.0321	2.1853	.82308	2.0871	.23049	.23884	.22321
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.981	.44758	.21069	.28766	3.1261	.22361	238.03	.54456	.08190
Stddev	.672	.00067	.00074	.00097	.0483	.00007	4.43	.00209	.00227
%RSD	.73901	.14931	.34904	.33881	1.5447	.03326	1.8613	.38411	2.7726
#1	90.506	.44805	.21017	.28835	3.1602	.22356	234.90	.54604	.08030
#2	91.457	.44711	.21121	.28697	3.0920	.22367	241.16	.54308	.08351
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	1550.4	.31615	.23150	86.924	.39865	1.0590	179.57	1.9493	.70333
Stddev	9.4	.00245	.00863	.563	.00392	.0262	.56	.0285	.00738
%RSD	.60533	.77651	3.7275	.64820	.98305	2.4764	.30973	1.4635	1.0489
#1	1557.0	.31441	.23760	86.526	.39588	1.0404	179.17	1.9291	.69812
#2	1543.7	.31788	.22540	87.322	.40143	1.0775	179.96	1.9695	.70855
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21165	2.0875	7.474	1.5486	2.0450	18.409			
Stddev	.00544	.0336	.018	.0153	.2837	3.393			
%RSD	2.5688	1.6116	.2367	.98693	13.871	18.434			
#1	.20781	2.0637	7.462	1.5378	1.8444	20.808			
#2	.21549	2.1113	7.487	1.5594	2.2455	16.009			

Sample Name: J4901-01A Acquired: 9/19/2018 0:18:34 Type: Unk
Method: P4-ICP2(v2440) 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	2113.2	29082.	4011.8	94.647	2153.3
Stddev	13.0	50.	24.5	3.166	9.5
%RSD	.61293	.17353	.61019	3.3453	.44195
#1	2122.4	29118.	4029.1	92.408	2160.0
#2	2104.1	29046.	3994.5	96.886	2146.5

Sample Name: J4901-02 Acquired: 9/19/2018 0:22:31 Type: Unk
Method: P4-ICP2(v2440) 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	.00465	.00301	.00476	.00180	-.00423	-.06756	.02473	.00014
Stddev	.00195	.00152	.00171	.00044	.00096	.01225	.00101	.00007
%RSD	41.857	50.367	36.004	24.708	22.579	18.134	4.1014	50.567

#1	.00602	.00194	.00355	.00211	-.00356	-.05889	.02401	.00009
#2	.00327	.00408	.00597	.00148	-.00491	-.07622	.02545	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	90.414	-.00199	.00009	.00441	-.02157	.01655	237.70
Stddev	.00012	1.282	.00019	.00014	.00004	.00127	.00016	1.32
%RSD	24.922	1.4174	9.7653	157.13	.95567	5.8736	.96709	.55439

#1	-.00056	89.508	-.00185	.00019	.00438	-.02068	.01666	236.77
#2	-.00039	91.321	-.00212	-.00001	.00444	-.02247	.01643	238.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	.00083	1523.5	.00225	.00035	76.452	.00198	.77579
Stddev	.00038	.00030	11.7	.00002	.00004	1.047	.00003	.00369
%RSD	13.951	35.535	.76830	.89218	12.610	1.3696	1.6319	.47607

#1	-.00296	.00062	1515.2	.00226	.00038	75.712	.00200	.77318
#2	-.00243	.00104	1531.8	.00224	.00032	77.193	.00196	.77841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	181.94	.97098	-.06580	-.00053	.25071	.1020	1.3560	3.5324
Stddev	.58	.01868	.00023	.00277	.00559	.0003	.0173	.1748
%RSD	.31956	1.9239	.35132	521.36	2.2293	.3118	1.2761	4.9498

#1	182.35	.95777	-.06564	-.00249	.25467	.1018	1.3437	3.6560
#2	181.53	.98419	-.06597	.00143	.24676	.1022	1.3682	3.4087

Sample Name: J4901-02 Acquired: 9/19/2018 0:22:31 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 29.363
Stddev 3.187
%RSD 10.852

#1 31.616
#2 27.110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.3	28567.	4042.5	94.748	2157.0
Stddev	8.6	163.	64.7	1.286	1.3
%RSD	.40794	.57145	1.5997	1.3576	.05845

#1	2092.3	28451.	4088.3	95.657	2156.1
#2	2104.4	28682.	3996.8	93.838	2157.9

Sample Name: J4901-03 Acquired: 9/19/2018 0:26:40 Type: Unk
Method: P4-ICP2(v2440) 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	.00737	.00342	.00603	-.00041	-.00538	-.06368	.02546	.00013
Stddev	.00171	.00070	.00013	.00087	.00026	.00041	.00011	.00003
%RSD	23.217	20.422	2.2241	212.18	4.8644	.63806	.43470	22.932

#1	.00857	.00292	.00612	-.00103	-.00557	-.06340	.02538	.00011
#2	.00616	.00391	.00593	.00021	-.00520	-.06397	.02554	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	95.272	-.00185	.00020	.00470	-.03633	.01656	248.79
Stddev	.00010	1.698	.00009	.00004	.00024	.00382	.00005	4.74
%RSD	19.937	1.7820	5.0156	20.635	5.1586	10.526	.30616	1.9066

#1	-.00057	94.071	-.00178	.00017	.00453	-.03363	.01660	245.43
#2	-.00043	96.472	-.00192	.00023	.00488	-.03904	.01652	252.14

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00358	.00005	1596.5	.00285	.00041	80.965	.00176	.81381
Stddev	.00070	.00016	14.5	.00065	.00002	1.466	.00015	.00693
%RSD	19.567	294.21	.90515	22.745	4.7974	1.8105	8.2720	.85163

#1	-.00308	-.00006	1586.3	.00331	.00042	79.929	.00166	.80891
#2	-.00407	.00017	1606.7	.00239	.00039	82.002	.00186	.81871

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	197.61	1.0109	-.07134	-.00080	.26388	.1107	1.4400	4.7603
Stddev	.03	.0179	.00176	.00078	.00210	.0016	.0249	.4602
%RSD	.01640	1.7699	2.4680	97.759	.79471	1.488	1.7304	9.6680

#1	197.64	.99825	-.07258	-.00025	.26537	.1118	1.4224	4.4349
#2	197.59	1.0236	-.07009	-.00136	.26240	.1095	1.4577	5.0857

Sample Name: J4901-03 Acquired: 9/19/2018 0:26:40 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 29.670
Stddev .669
%RSD 2.2539

#1 30.143
#2 29.197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.8	27250.	3926.1	91.030	2049.8
Stddev	12.1	17.	71.0	1.587	5.6
%RSD	.60438	.06390	1.8096	1.7428	.27199

#1	2005.3	27238.	3976.4	92.152	2053.8
#2	1988.2	27262.	3875.9	89.908	2045.9

Sample Name: J4901-04 Acquired: 9/19/2018 0:30:50 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	.00252	.00401	.00106	-.00337	-.07803	.02410	.00012
Stddev	.00443	.00048	.00022	.00016	.00130	.00112	.00030	.00009
%RSD	331.89	18.899	5.6139	15.341	38.583	1.4333	1.2310	71.311

#1	-.00180	.00218	.00385	.00094	-.00429	-.07882	.02389	.00006
#2	.00447	.00285	.00417	.00117	-.00245	-.07724	.02431	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	88.997	-.00164	-.00005	.00425	-.03548	.01302	233.06
Stddev	.00006	1.054	.00042	.00043	.00010	.00210	.00012	1.14
%RSD	16.528	1.1845	25.807	870.32	2.3246	5.9312	.93483	.49085

#1	-.00030	88.252	-.00134	-.00035	.00432	-.03399	.01294	232.25
#2	-.00038	89.743	-.00194	.00026	.00418	-.03697	.01311	233.86

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	-.00039	1495.7	.00176	.00043	75.484	.00194	.75463
Stddev	.00010	.00027	14.1	.00015	.00008	.838	.00012	.01206
%RSD	3.5771	70.391	.94499	8.3445	18.153	1.1105	5.9478	1.5985

#1	-.00295	-.00020	1485.7	.00187	.00048	74.891	.00202	.76316
#2	-.00280	-.00059	1505.7	.00166	.00037	76.077	.00186	.74610

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	180.67	.94895	-.06660	-.00174	.24542	.1000	1.3393	2.2903
Stddev	.72	.01756	.00003	.00299	.00979	.0014	.0184	.2363
%RSD	.39895	1.8502	.05105	171.65	3.9876	1.439	1.3735	10.317

#1	181.18	.93653	-.06663	.00037	.25234	.0990	1.3263	2.1232
#2	180.16	.96136	-.06658	-.00385	.23850	.1011	1.3523	2.4574

Sample Name: J4901-04 Acquired: 9/19/2018 0:30:50 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 27.487
 Stddev 3.288
 %RSD 11.962

#1 25.162
 #2 29.812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2132.9	28974.	4127.2	95.609	2194.9
Stddev	.6	8.	68.9	.800	.7
%RSD	.03040	.02910	1.6688	.83628	.03131

#1	2133.4	28980.	4175.9	95.044	2195.4
#2	2132.5	28968.	4078.5	96.174	2194.4

Sample Name: J4901-05 Acquired: 9/19/2018 0:34:58 Type: Unk
Method: P4-ICP2(v2440) 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	.00512	.00416	.00422	.00508	-.00415	-.07942	.02451	.00004
Stddev	.00021	.00178	.00025	.00496	.00202	.01335	.00018	.00004
%RSD	4.1422	42.714	6.0403	97.739	48.523	16.804	.72927	89.632

#1	.00497	.00291	.00404	.00859	-.00558	-.08886	.02438	.00007
#2	.00527	.00542	.00440	.00157	-.00273	-.06999	.02463	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	92.726	-.00157	.00024	.00471	-.02782	.00621	243.57
Stddev	.00001	.726	.00021	.00008	.00105	.00127	.00001	3.59
%RSD	2.2188	.78291	13.151	34.061	22.193	4.5706	.19635	1.4744

#1	-.00042	92.212	-.00143	.00018	.00545	-.02872	.00621	241.03
#2	-.00040	93.239	-.00172	.00030	.00397	-.02693	.00620	246.11

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	.00026	1549.1	.00200	.00087	79.991	.00242	.79113
Stddev	.00019	.00017	22.4	.00017	.00004	.672	.00007	.00263
%RSD	7.7687	63.317	1.4440	8.5250	4.1554	.84066	3.0818	.33232

#1	-.00258	.00015	1564.9	.00188	.00085	79.515	.00237	.79299
#2	-.00231	.00038	1533.3	.00212	.00090	80.466	.00247	.78927

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	192.93	.94654	-.07100	-.00129	.25946	.1065	1.4146	2.8986
Stddev	.78	.01501	.00001	.00376	.01798	.0040	.0123	.4879
%RSD	.40401	1.5854	.01879	290.79	6.9316	3.787	.86750	16.833

#1	192.38	.93593	-.07101	.00137	.27217	.1037	1.4059	3.2436
#2	193.48	.95715	-.07099	-.00395	.24674	.1094	1.4232	2.5535

Sample Name: J4901-05 Acquired: 9/19/2018 0:34:58 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 28.875
 Stddev .521
 %RSD 1.8041

#1 28.507
 #2 29.244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.3	28812.	4112.7	95.564	2145.6
Stddev	13.0	46.	37.8	2.041	13.0
%RSD	.62007	.15807	.91881	2.1356	.60465

#1	2105.5	28780.	4139.4	97.007	2154.8
#2	2087.1	28844.	4086.0	94.120	2136.4

Sample Name: J4901-06 Acquired: 9/19/2018 0:39:08 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	.00312	.00535	.00207	-.00530	-.07290	.02400	.00007
Stddev	.00078	.00285	.00014	.00278	.00130	.01595	.00022	.00004
%RSD	69.129	91.266	2.6675	134.12	24.582	21.877	.90434	56.944

#1	.00169	.00514	.00525	.00011	-.00622	-.08418	.02384	.00010
#2	.00058	.00111	.00545	.00404	-.00438	-.06162	.02415	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	89.954	-.00137	.00021	.00464	-.03502	.00633	233.21
Stddev	.00001	.814	.00026	.00010	.00006	.00097	.00002	1.18
%RSD	2.4655	.90513	18.818	48.451	1.2697	2.7724	.25736	.50677

#1	-.00036	90.529	-.00155	.00014	.00468	-.03433	.00632	234.04
#2	-.00038	89.378	-.00118	.00028	.00460	-.03571	.00635	232.37

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	.00008	1493.8	.00240	.00124	76.452	.00178	.76031
Stddev	.00058	.00087	18.4	.00015	.00023	.524	.00025	.01195
%RSD	29.271	1130.6	1.2304	6.2441	18.200	.68505	13.774	1.5723

#1	-.00156	.00069	1506.8	.00229	.00140	76.823	.00196	.76876
#2	-.00238	-.00054	1480.8	.00251	.00108	76.082	.00161	.75185

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	182.98	.93298	-.06652	-.00246	.23971	.0997	1.3583	2.6641
Stddev	.87	.02172	.00011	.00071	.00066	.0029	.0104	.0199
%RSD	.47791	2.3281	.15873	28.813	.27666	2.955	.76295	.74579

#1	182.36	.94834	-.06660	-.00196	.23924	.1018	1.3657	2.6500
#2	183.60	.91762	-.06645	-.00297	.24018	.0977	1.3510	2.6781

Sample Name: J4901-06 Acquired: 9/19/2018 0:39:08 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 27.230
Stddev 1.920
%RSD 7.0518

#1 25.872
#2 28.588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.1	29037.	4134.1	93.556	2171.0
Stddev	11.5	62.	56.4	1.431	11.9
%RSD	.54822	.21198	1.3651	1.5292	.54758

#1	2114.3	28994.	4094.2	92.544	2179.4
#2	2098.0	29081.	4174.0	94.568	2162.6

Sample Name: J4901-07 Acquired: 9/19/2018 0:43:16 Type: Unk
Method: P4-ICP2(v2440) 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	.00300	.00062	.00300	.00048	-.00356	-.06293	.02432	.00010
Stddev	.00457	.00124	.00064	.00392	.00074	.00928	.00002	.00002
%RSD	152.54	201.84	21.370	813.85	20.684	14.745	.06685	15.394

#1	-.00024	.00149	.00254	.00325	-.00408	-.05637	.02431	.00011
#2	.00623	-.00026	.00345	-.00229	-.00304	-.06950	.02433	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	83.605	-.00179	.00007	.00468	-.03319	.00681	212.73
Stddev	.00004	.374	.00053	.00003	.00010	.01692	.00015	1.62
%RSD	10.364	.44675	29.336	39.000	2.0468	50.969	2.2062	.75956

#1	-.00033	83.869	-.00142	.00009	.00461	-.02123	.00670	213.87
#2	-.00039	83.341	-.00216	.00005	.00474	-.04515	.00692	211.59

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	.00037	1398.3	.00163	.00064	68.988	.00189	.68365
Stddev	.00010	.00083	14.4	.00017	.00019	.141	.00029	.00070
%RSD	4.9862	225.36	1.0322	10.264	29.492	.20373	15.495	.10312

#1	-.00212	.00096	1408.5	.00151	.00051	69.087	.00210	.68315
#2	-.00198	-.00022	1388.1	.00175	.00078	68.888	.00168	.68415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	164.35	.92560	-.05923	.00039	.21868	.0969	1.2352	2.4090
Stddev	.40	.00240	.00166	.00011	.00808	.0015	.0031	.4608
%RSD	.24189	.25944	2.8078	29.062	3.6937	1.497	.24981	19.128

#1	164.63	.92391	-.05806	.00047	.22439	.0959	1.2374	2.7348
#2	164.07	.92730	-.06041	.00031	.21297	.0980	1.2331	2.0832

Sample Name: J4901-07 Acquired: 9/19/2018 0:43:16 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 27.787
Stddev 1.771
%RSD 6.3738

#1 26.535
#2 29.040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.1	29304.	4136.0	94.949	2216.3
Stddev	8.6	35.	6.7	1.823	1.4
%RSD	.39967	.11857	.16189	1.9199	.06430

#1	2134.1	29279.	4131.3	96.238	2215.3
#2	2146.2	29328.	4140.8	93.660	2217.3

Sample Name: J4901-08 Acquired: 9/19/2018 0:47:26 Type: Unk
 Method: P4-ICP2(v2440) 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	.00358	.00211	.00448	-.00248	-.00563	-.08205	.02447	.00016
Stddev	.00156	.00005	.00011	.00120	.00308	.00870	.00031	.00011
%RSD	43.600	2.4016	2.4889	48.557	54.726	10.604	1.2549	69.264

#1	.00469	.00207	.00455	-.00333	-.00781	-.08820	.02469	.00024
#2	.00248	.00214	.00440	-.00163	-.00345	-.07590	.02425	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	90.807	-.00164	.00023	.00531	-.04304	.00568	236.87
Stddev	.00003	.801	.00036	.00017	.00020	.00337	.00006	.55
%RSD	6.2033	.88190	21.898	74.102	3.7504	7.8206	1.1115	.23324

#1	-.00051	91.373	-.00139	.00011	.00545	-.04542	.00572	237.26
#2	-.00055	90.241	-.00189	.00036	.00517	-.04066	.00563	236.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00261	.00027	1502.6	.00170	.00063	77.506	.00205	.76921
Stddev	.00067	.00024	45.3	.00014	.00006	.756	.00035	.01925
%RSD	25.829	90.630	3.0170	8.3961	9.2491	.97565	16.971	2.5026

#1	-.00213	.00010	1534.6	.00160	.00067	78.041	.00229	.78282
#2	-.00309	.00044	1470.5	.00180	.00059	76.971	.00180	.75560

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	190.53	.95684	-.06897	-.00078	.24949	.1086	1.3743	3.1130
Stddev	1.30	.02203	.00007	.00131	.00153	.0009	.0065	.0420
%RSD	.68013	2.3020	.09593	168.29	.61407	.8238	.47400	1.3497

#1	189.61	.97242	-.06902	-.00171	.24841	.1080	1.3789	3.1427
#2	191.44	.94127	-.06893	.00015	.25057	.1093	1.3697	3.0833

Sample Name: J4901-08 Acquired: 9/19/2018 0:47:26 Type: Unk
Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 28.061
Stddev 2.270
%RSD 8.0905

#1 26.456
#2 29.666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.2	28780.	4090.0	91.901	2111.6
Stddev	19.4	100.	53.1	1.718	16.9
%RSD	.94454	.34590	1.2994	1.8694	.79824

#1	2070.0	28709.	4052.4	90.686	2123.5
#2	2042.5	28850.	4127.6	93.116	2099.7

Sample Name: J4901-09 Acquired: 9/19/2018 0:51:36 Type: Unk
Method: P4-ICP2(v2440) 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	.00453	.00540	.00460	-.00256	-.00563	-.08105	.02391	.00011
Stddev	.00205	.00045	.00016	.00158	.00047	.01878	.00044	.00007
%RSD	45.343	8.2947	3.5454	61.552	8.3131	23.175	1.8507	66.518

#1	.00598	.00572	.00471	-.00368	-.00596	-.06777	.02423	.00016
#2	.00308	.00509	.00448	-.00145	-.00530	-.09433	.02360	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	87.522	-.00121	-.00002	.00464	-.03642	.00621	226.29
Stddev	.00015	.306	.00042	.00057	.00052	.01013	.00003	2.76
%RSD	42.936	.34983	34.755	2339.6	11.224	27.799	.45884	1.2178

#1	-.00046	87.306	-.00151	-.00043	.00427	-.02926	.00619	224.34
#2	-.00025	87.739	-.00091	.00038	.00501	-.04358	.00623	228.24

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	.00038	1458.5	.00191	.00044	73.385	.00170	.74268
Stddev	.00017	.00002	13.1	.00022	.00003	.296	.00050	.01645
%RSD	6.7442	5.3030	.89508	11.528	7.3552	.40350	29.553	2.2156

#1	-.00259	.00036	1449.2	.00207	.00046	73.176	.00135	.73104
#2	-.00236	.00039	1467.7	.00176	.00042	73.594	.00206	.75431

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	179.39	.92920	-.06493	.00008	.24091	.0989	1.3111	3.3489
Stddev	.30	.00264	.00024	.00025	.00085	.0007	.0034	.2288
%RSD	.16808	.28400	.37263	311.84	.35335	.7000	.25997	6.8311

#1	179.60	.92733	-.06510	-.00010	.24031	.0984	1.3087	3.1871
#2	179.17	.93106	-.06476	.00026	.24151	.0994	1.3135	3.5107

Sample Name: J4901-09 Acquired: 9/19/2018 0:51:36 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 27.516
 Stddev 1.676
 %RSD 6.0915

#1 26.330
 #2 28.701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.5	28605.	4130.4	95.141	2143.7
Stddev	.1	249.	35.1	1.144	5.2
%RSD	.00394	.87053	.85063	1.2020	.24123

#1	2084.4	28781.	4155.3	94.332	2140.1
#2	2084.5	28429.	4105.6	95.949	2147.4

Sample Name: J4901-10 Acquired: 9/19/2018 0:55:45 Type: Unk
Method: P4-ICP2(v2440) 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	.00427	.00368	.00502	-.00291	-.00499	-.06749	.02523	.00015
Stddev	.00301	.00150	.00030	.00126	.00138	.01270	.00015	.00001
%RSD	70.456	40.719	6.0676	43.126	27.714	18.818	.57789	3.7414

#1	.00214	.00262	.00481	-.00202	-.00402	-.07647	.02513	.00015
#2	.00640	.00473	.00524	-.00380	-.00597	-.05851	.02533	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	87.453	-.00134	-.00007	.00446	-.02982	.00573	224.50
Stddev	.00016	.852	.00000	.00010	.00069	.01396	.00001	.25
%RSD	41.139	.97451	.08189	143.54	15.385	46.815	.23563	.11301

#1	-.00028	86.850	-.00134	.00000	.00495	-.01995	.00572	224.68
#2	-.00052	88.055	-.00134	-.00014	.00398	-.03969	.00574	224.32

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	.00072	1453.3	.00136	.00117	72.917	.00186	.71576
Stddev	.00049	.00006	1.5	.00036	.00014	.899	.00013	.00977
%RSD	22.086	8.9714	.10348	26.033	11.910	1.2336	7.1247	1.3647

#1	-.00255	.00067	1452.2	.00162	.00107	72.281	.00177	.70885
#2	-.00186	.00076	1454.4	.00111	.00127	73.553	.00196	.72267

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	175.40	.96834	-.06454	.00008	.23406	.0902	1.3024	3.5539
Stddev	.08	.00972	.00137	.00194	.00321	.0009	.0158	.5856
%RSD	.04347	1.0043	2.1149	2397.2	1.3723	.9682	1.2157	16.477

#1	175.34	.96146	-.06551	-.00129	.23633	.0895	1.2912	3.9680
#2	175.45	.97522	-.06358	.00145	.23179	.0908	1.3136	3.1399

Sample Name: J4901-10 Acquired: 9/19/2018 0:55:45 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 26.768
 Stddev .363
 %RSD 1.3551

#1 27.024
 #2 26.511

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.3	28252.	4039.6	91.046	2136.5
Stddev	7.1	29.	41.1	1.194	.0
%RSD	.34249	.10314	1.0180	1.3115	.00184

#1	2057.3	28232.	4068.7	91.891	2136.5
#2	2067.3	28273.	4010.5	90.202	2136.5

Sample Name: CCV15 Acquired: 9/19/2018 0:59:54 Type: Unk
 Method: P4-ICP2(v2440) 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	4.8989	4.9555	4.8534	4.9399	4.8233	9.4460	9.8906
Stddev	.0163	.0122	.0056	.0039	.0008	.0204	.0328
%RSD	.33316	.24549	.11431	.07949	.01730	.21642	.33147

#1	4.9105	4.9641	4.8573	4.9427	4.8227	9.4316	9.9138
#2	4.8874	4.9469	4.8495	4.9372	4.8239	9.4605	9.8674

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25018	2.4718	25.778	1.0601	2.4614	1.2511	4.9815
Stddev	.00044	.0010	.063	.0001	.0006	.0051	.1136
%RSD	.17559	.04257	.24614	.00535	.02439	.41080	2.2800

#1	.25049	2.4711	25.822	1.0600	2.4618	1.2547	5.0619
#2	.24987	2.4726	25.733	1.0601	2.4609	1.2474	4.9012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4758	24.864	2.5053	1.2277	26.419	2.4882	F 2.7730
Stddev	.0013	.209	.0004	.0030	.025	.0034	.0657
%RSD	.05087	.84142	.01389	.24085	.09492	.13731	2.3708

#1	2.4767	25.012	2.5051	1.2298	26.401	2.4907	2.8195
#2	2.4749	24.716	2.5056	1.2256	26.436	2.4858	2.7265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.814	4.9469	4.8528	4.8034	4.9587	4.9414	5.0466
Stddev	.084	.0109	.0149	.0138	.0074	.0043	.0013
%RSD	.32558	.22039	.30755	.28647	.14979	.08672	.02600

#1	25.873	4.9547	4.8423	4.8132	4.9639	4.9444	5.0456
#2	25.754	4.9392	4.8634	4.7937	4.9534	4.9383	5.0475

Sample Name: CCV15 Acquired: 9/19/2018 0:59:54 Type: Unk
 Method: P4-ICP2(v2440) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4165	5.023	5.0157	F<.00000	F 7.7906
Stddev	.0106	.004	.0077	.48915	3.0434
%RSD	.24034	.0764	.15454	40.806	39.065

#1	4.4240	5.026	5.0212	-1.5446	9.9426
#2	4.4090	5.020	5.0103	-.85285	5.6386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.0	31639.	4067.2	92.481	2540.8
Stddev	9.9	31.	15.5	2.420	9.9
%RSD	.44623	.09782	.38091	2.6173	.39127

#1	2219.0	31617.	4056.3	90.769	2533.8
#2	2233.0	31661.	4078.2	94.193	2547.8

Sample Name: CCB15 Acquired: 9/19/2018 1:03:40 Type: Unk
Method: P4-ICP2(v2440) 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	.00003	.00203	-.00149	-.00600	-.00415	-.01909	.00249
Stddev	.00505	.00100	.00096	.00150	.00038	.00361	.00008
%RSD	15518.	49.427	64.352	24.966	9.2295	18.898	3.3668

#1	-.00354	.00132	-.00081	-.00706	-.00388	-.02164	.00243
#2	.00360	.00273	-.00217	-.00494	-.00442	-.01654	.00254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00007	-.01178	.00023	.00012	.00182	-.01243
Stddev	.00006	.00008	.00131	.00006	.00014	.00008	.00340
%RSD	95.775	114.32	11.134	25.889	115.17	4.4220	27.373

#1	-.00002	-.00001	-.01086	.00018	.00022	.00176	-.01003
#2	-.00011	-.00012	-.01271	.00027	.00002	.00188	-.01484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.05345	.00179	.00050	F 3.1984	.00019	-.00018
Stddev	.00002	.02075	.00056	.00084	.0042	.00031	.00008
%RSD	56.642	38.828	31.441	169.71	.13143	162.22	44.535

#1	-.00006	-.03877	.00219	-.00010	3.1954	.00042	-.00023
#2	-.00003	-.06812	.00139	.00109	3.2013	-.00003	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .69444	.00127	.00609	.00162	-.00093	-.00018	.00204
Stddev	.00028	.00002	.00683	.00315	.00006	.00061	.00096
%RSD	.03984	1.2071	112.18	194.77	6.2034	341.81	47.064

#1	.69425	.00128	.00126	-.00061	-.00098	.00025	.00136
#2	.69464	.00126	.01091	.00385	-.00089	-.00061	.00272

Sample Name: CCB15 Acquired: 9/19/2018 1:03:40 Type: Unk
Method: P4-ICP2(v2440) 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	.00479	.0003	.00006	F<.00000	F 4.2952
Stddev	.01063	.0005	.00007	.66222	.8113
%RSD	222.07	156.8	122.66	22.442	18.888

#1	-.00273	-.0000	.00011	-3.4191	4.8689
#2	.01231	.0007	.00001	-2.4826	3.7216

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.0	32856.	4089.7	96.155	2864.6
Stddev	19.8	61.	45.8	1.265	21.1
%RSD	.85557	.18466	1.1195	1.3159	.73712

#1	2303.0	32813.	4122.0	97.049	2849.7
#2	2331.0	32899.	4057.3	95.260	2879.5